

DCE Convocation

(Degree Distribution Ceremony)

February 7, 2006



(1941-2006)

DELHI COLLEGE OF ENGINEERING

(UNIVERSITY OF DELHI)
BAWANA ROAD, DELHI-110 042

GOVERNMENT OF N.C.T. OF DELHI

DELHI COLLEGE OF ENGINEERING

Bawana Road, Delhi-110 042

DCE Convocation

February 7, 2006

P R O G R A M M E

- 10.55 a.m. Arrival of Hon'ble Chief Minister of Delhi, Smt. Sheila Dikshit and Distinguished Guests.
- 11.00 a.m. Member of the Faculty and Distinguished Guests are presented to the Chief Guest and to the Dignitaries
- 11.03 a.m. Academic procession proceeds to the Convocation Hall. (The Candidates and the guests will stand up when the procession enters the Hall and will remain standing till all the members of the Academic Procession are seated).
- 11.07 a.m. Invocation by University Choir Group
- 11.10 a.m. College Convocation is declared open by the Hon'ble Chief Minister
- 11.11 a.m. Principal's Report by Prof. P. B.Sharma, Principal, DCE
- 11.23 a.m. Address by Shri Prakash Kumar, Secretary, Deptt. of Training and Technical Education, Govt. of NCT of Delhi
- 11.28 a.m. Presentation of Lt. Governor's Gold Medal
- 11.30 a.m. Presentation of Chief Minister Gold Medal, Medals & Prizes
- 11.35 a.m. Presentation of Degrees
- 11.55 a.m. Convocation Address by Prof. V. N. Rajasekharan Pillai, Hon'ble Chairman UGC
- 12.10 p.m. Address by the Chief Guest, Smt. Sheila Dikshit, Hon'ble Chief Minister of Delhi
- 12.25 p.m. Administering Oath by Principal, DCE, Prof. P. B. Sharma
- 12.30 p.m. Convocation is declared closed

National Anthem

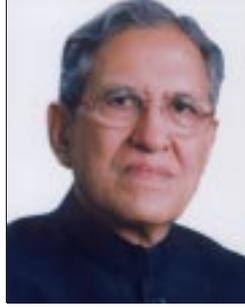
Academic procession leaves the Hall. (The candidates and guests will remain standing till the procession leaves the Hall).

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मि जेके; इ के
फेन येह
LIEUTENANT GOVERNOR
DELHI



जेके फुके
फेन येके 110054
RAJ NIWAS
DELHI-110054



MESSAGE

The Delhi College of Engineering has occupied an eminent position in the field of technical education and research its alumni have distinguished themselves in India and abroad. I am happy to note that the College is organizing Convocation to present degrees to the passing graduates.

I am sure that with its standards of teaching, research and technology innovations, the Delhi College of Engineering will achieve more laurels. I extend my greetings and good wishes to the passing graduates on this occasion.

B. L. JOSHI

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SHEILA DIKSHIT
CHIEF MINISTER

GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI
DELHI SECRETARIAT, I.P. ESTATE, NEW DELHI-110002

D.O. NO.: Comp/27433

Dated : 02.02.2006



MESSAGE

I am pleased to learn that the Convocation of Delhi College of Engineering (DCE) is scheduled to be held on February 7, 2006. DCE with its tradition of academic and professional excellence has always been regarded as a Jewel in the Crown of Delhi. We in Government of Delhi have always supported the growth of this premier institution which has played a pioneering role in the establishment of number of nationally and internationally renowned institutions which include IIT Delhi, School of Planning and Architecture, Faculty of Management Studies and College of Art. It is also highly satisfying that the DCE students and faculty are regularly contributing to creative design and technology innovations which have earned the institution high reputation in India and abroad. I wish the institution all success in its endeavour to emerge as a leading centre of excellence and relevance in technical education and research.

I send my sincere greetings and best wishes to the young graduands and to the members of faculty and staff of DCE on this auspicious occasion.

(SHEILA DIKSHIT)



SHRI S. REGUNATHAN (I.A.S.)
Chief Secretary
Govt. of Delhi

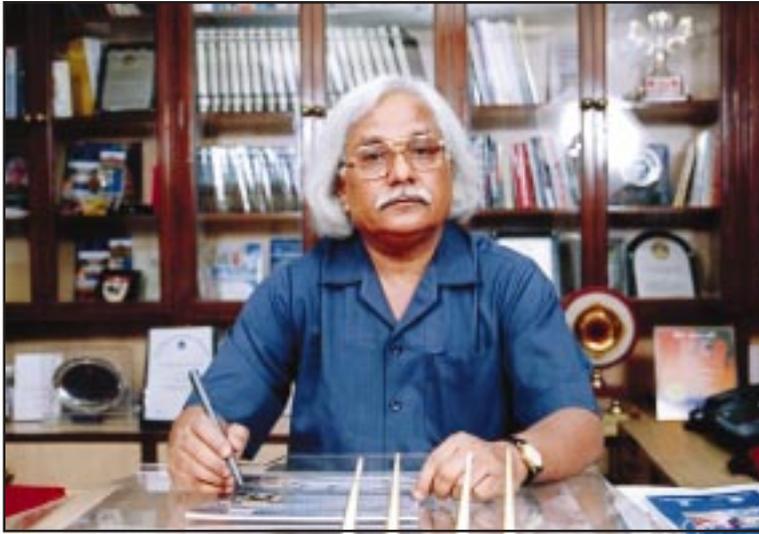


SHRI PRAKASH KUMAR
Secretary (TTE)
Govt. of Delhi



Prof. V. N. Rajasekharan Pillai
Hon'ble Chairman
University Grants Commission

PRINCIPAL'S REPORT



PROF. P. B. SHARMA
PRINCIPAL

Esteemed Chief Guest, Smt. Sheila Dikshit, Hon'ble Chief Minister of Delhi, Professor V.N. Rajasekharan Pillai, Hon'ble Chairman, University of Grants Commission, Distinguished Guest of Honour, Shri Prakash Kumar, Secretary (Technical Education), Government of Delhi, Distinguished Guests, Members of the Faculty, Degree Recipients, Members of Press and Media, Ladies & Gentlemen.

I am delighted to extend a very warm welcome to our distinguished luminaries on the dais and to each one of you present on this auspicious occasion.

We are highly grateful to the Hon'ble Chief Minister Madam Sheila Dikshit, who has always shown a deep personal interest in the progress of this institute. Madam we draw immense inspiration from you to implement your vision of making engineering education a vehicle of transformation of our society into a prosperous and developed society and also to make technical education the prime mover of growth and development of our nation's economy. We share your concern for uplifting the quality of life of a common man and we feel happy in being your partner in progress in making Delhi as one of the best metropolitan capital cities of the world. We are very happy to have you with us at this auspicious function.

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We are also grateful to Prof. V.N. Rajasekharan Pillai, Hon'ble Chairman of UGC who has very kindly accepted our invitation to deliver the Convocation Address at today's Ceremony. Prof. Pillai is one of the noblest academicians of our country whose vision is driving higher education of our country to scale ever increasing heights of academic and professional excellence. Under his dynamic leadership the higher education in our country has achieved the preparedness to respond to the global challenges in higher education. Prof. Pillai, we at Delhi College of Engineering are with you to further strengthen the higher education in India so that our country remains as one of the most attractive destinations for pursuing world quality higher education at an affordable cost.

We are also grateful to our Secretary (Technical Education), Shri Prakash Kumarji, under whose dynamic leadership the Department of Training and Technical Education has embarked upon new initiatives to revitalize technical education in the National Capital Territory of Delhi. Sir, you have created an upsurge of high commitment and dedication in the institutions under the Department. We at DCE are thankful to you for the formidable support provided to this institution to revitalize its academic and professional activities.

Sir, at DCE we share your vision of developing synergetic partnership between the academia and industries and to make technical education and research highly relevant in the needs of our country. The DCE is firmly committed to strengthen the linkages with industries and R&D Organizations. We promote synergetic partnership between the Academic Institution, Industries and R&D organizations.

Our dream is to transform DCE into a world-class Knowledge Enterprise where we go beyond offering quality technical education and research facility and work consciously to provide within the institutional structures and mechanisms by which the innovative and creative ideas of our talented faculty and students are supported for technology incubation, product development, process modernization and development of small and medium knowledge enterprises.

We are thankful to our luminaries on the dais for sparing their highly valuable time to be with us on today's auspicious occasion.

Ladies & Gentlemen, we are delighted to receive our distinguished alumni and a large number of young graduands at this function. I also extend a warm welcome to our esteemed guests and to the members of press and media present on this auspicious occasion.

The Convocation is a solemn occasion in an academic institution, as on this day, we bestow upon the graduands the degrees on successful completion of their academic requirements. It is also an occasion when the graduates who have acquired the knowledge and skills, are blessed by their teachers and the distinguished luminaries present on the dais, so as to inspire them to use their knowledge for the service of

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their countrymen and the mankind at large. Therefore, at the outset, let me congratulate all the graduates and post-graduates, who are receiving their degrees, medals and prizes for the distinctions they have achieved.

CHALLENGES AHEAD

Young graduands, you are ordained to carry upon your shoulders the monumental task of nation building, especially from the point of view of providing the necessary human recourses and technology support to our country to sustain our march on the path of progress and prosperity. I am sure you are aware that the India is on the move and is poised for rapid track growth and development supported by the committed leadership and the science and technology human capital which is in abundance in this country. The dream of making India a developed country is now a near certainty and is within our reach. However, we all including you, the young generation professionals have to contribute our very best so that a developed India and its people could enjoy the fruits of development while at the same time we maintain our age old traditions of living in harmony with nature. It is therefore, important for you to realize that while you continue to excel in your profession by constant upgradation of your knowledge and skill, you also develop a sense of high responsibility towards the society and our people. This requires you to be sensitive to the problems our people face today and you have to commit yourself to utilize your knowledge and skills to mitigate these problems by your innovative solutions. Then only the profession of engineering to which you and I belong to shall be the profession of privilege, a privilege to excel and a privilege to serve. This is, by no means, a small challenge for our engineers, technologists and scientists, who have capabilities to transform our nation into a developed and prosperous country. In today's knowledge intensive, technology driven work environment, we have to compete at home and abroad with products and services of a quality assured at world standards and yet produced at globally competitive prices. We have also to create a pride in Indian products and services and market them at home and abroad in a global environment. This cannot be possible unless we create Advantage India from the efforts we invest and capabilities we employ. I have no doubt in my mind that you will utilize your talent and innovative genius to come up to the high expectations of your alma-mater.

DCE OVER THE DECADES

DCE has produced, during the past 65 years, over 22000 graduates and post - graduates in engineering and technology, and I feel proud that a large number of graduates of this college have attained positions of high distinction in industries as well as in the government and private organizations at home & aboard.

I am pleased to add that the college has contributed significantly to the growth of technical education in the country. Being a premier institution, established before independence, the college has pioneered the growth and development of a number of

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institutions of high national and international standards including the IIT Delhi, School of Planning & Architecture, College of Art and College of Pharmacy. The famous Faculty of Management of Delhi University was also founded by Prof. A. Das Gupta, a distinguished faculty at DCE. The college such as ours, has earned the reputation of turning out high quality graduates and post-graduates in engineering and technology disciplines. It is for this reason that DCE is one of the most attractive destinations for reputed industries and MNCs for their campus recruitments. This year alone as many as 65 companies have visited the institutions for placements and have provided not only job for everyone but as many as 180 final year students have received more than one job in reputed organizations. The highest salary per annum has crossed Rs. 10 lakh.

DCE has attained a level of maturity and capability in the arena of technical education to be matched only by a few institutions in the country. We have placed our institution many a times among the top ten institutions in the country including the IITs. This by no means is a small achievement specially that we are still an affiliated institution having limited autonomy while we compete with institutions like IITs and BITS Pilani which are University level institutions. DCE with its vast infrastructure and well-established traditions for sustaining high quality of education and research has immense opportunities to develop itself as a world-class institution provided it is given the desired autonomy and freedom to excel. The deemed to be university status to Delhi College of Engineering shall provide such levels of academic autonomy desired to excel in technical education in today's highly competitive global environment.

EXISTING ACADEMIC PROGRAMMES & NEW INITIATIVES

DCE today caters for **10 full time UG and 11 PG programmes** in addition to 4 part-time UG programmes for employed diploma-holders to offer them the opportunities for career- growth while in service.

The present intake of full-time degree programmes is 570 which is planned to be doubled in the next 4 years . The Perspective Plan for growth of DCE has been carefully drawn keeping the needs of introducing new programmes at UG and PG levels in emerging and new areas of technology. It is proposed to increase the intake in certain existing disciplines, which are in great demand. Biotechnology UG programme has already been introduced. It would be our endeavour to create a TROIKA of Biotech, Infotech and Nanotech in education and research at DCE so that we are in a position to contribute to our nation's advancement in these areas of high priority.

The college offers **11 post-graduate programmes** in various specializations of engineering, technology and applied sciences for full-time as well as part-time students. At the post - graduate level also, it is proposed to introduce new programmes in the

near future including in the areas of Software Engineering, Microwave & Optical Communications, Information Security and Nanotechnology. Our plan is to double the postgraduate intake further so that the PG and research becomes a sizeable proportion of our overall academic activities. Ph.D. level research is currently being carried out in all engineering and applied science departments. Here, again the focus is on industry relevant research and R & D to strengthen technology missions of our country.

Research & Development being the backbone of today's technology & knowledge driven economic development, we at DCE have paid a renewed attention to creating a culture of research in our major Engineering & Applied Science departments. To this end our focus is on R & D relevant to our industries and for strengthening the technological capabilities of our country. During the last two years research on conducting polymers, composite materials, optical fibres for communication, alternate fuels such as Biodiesel, CNG mix in Diesel engines, VLSI design, embedded systems, information security, water quality monitoring, earthquake engineering and disaster management, graph theory, nano-optical devices and new materials has been carried out at doctoral level. Shri Tarkeshwar Singh, Shri S.K. Varsheny, Shri S.S. Mehta, Shri G.V. Attimand, Ms. M. Deepa, Shri Pawan Kr. Sharma, Shri K.R. Murali Mohan, Shri Madhab Pal and Ms. Minakshi Verma have duly qualified and have been awarded Ph.D degrees by the University of Delhi during last two years. My congratulations to them and I urge upon them to work with a missionary zeal to benefit our countrymen from their research capabilities.

Our philosophy of creating and sustaining relevance and excellence in R & D is based upon strong partnerships with the industries and leading R & D organizations in the country. We believe that TROIKA of academic institutions, industries and R & D organizations is the only solution to strengthen India's rich intellectual capital and its effective utilization for national prosperity. We also need to create the TRIOKA of institutions, government agencies and the society so that we succeed in transferring the benefits of our competence and capabilities for improving the quality of life of a common man. To this end DCE's commitment is unconditional and total and I am very happy to add that we have received full cooperation and support from both the Government of India and our Government of N.C.T. of Delhi. As a part of our social responsibility, we have taken initiative of revitalizing the existing lake in the campus; establish a treatment plant for the waste water of the neighbouring villages and also to establish a demonstration plant within the campus for the treatment and recycle of waste water from our hostels. Our bio-diesel research group, led by Prof. P.B. Sharma and supported by Prof. S. Maji and Shri Naveen Kumar has organized training programme for the farmers of Punjab, Haryana and Rajasthan and also to the Self-help Women Group of Orissa and Ex-servicemen with the support of PCRA and the Ministry of Defence, Department of Rehabilitation. Our Information Security research team, led by Prof. Asok De is organizing training programmes for Government of N.C.T. of Delhi IT professionals. The Information Security Centre,

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funded by Ministry of IT, Government of India, will be organizing training programmes to create a pool of highly trained and skilled manpower in this area of high national priority. The Disaster Management Research Group of the department of Civil Engineering under the leadership of Prof. (Mrs.) P.R. Bose have visited the Tsunami hit areas of Andaman & Nicobar and also the coastal areas of Tamil Nadu

MODERNIZATION AND UPGRADATION

Up gradation and removal of obsolescence of laboratories is an on-going process at our institution as the frontiers of knowledge, and so of the technology are changing rapidly the world over. We have acquired many new pieces of equipment for various laboratories, including the ones related to the areas of Information Technology. 150 new PCs of latest configuration have been installed in the Computer Center and Library and these have been networked. Two dedicated Leased Lines each of 2 Mbps have also been provided one for ERNET and the other for the Wi-Fi network. We have also provided online journals facility for this institution in our Central Library. We are currently providing a 5 User Online subscription to almost all important and reputed journals and this facility is being well utilized by our PG & Research Scholars. During the year 2005-06 we have established wireless connectivity and Wi-Fi Campus-wide network. Scada-facility has been added to Electrical Engineering Department. In Mechanical Engg. Dept facilities for computerized testing of weld quality have been provided and the computerized Instron material testing machine has been commissioned, a research engine has been provided to the Bio-diesel research lab. which has been equipped with most modern instruments for testing and analysis of biodiesel fueled engines. A biodiesel fuelled car has also been flagged off by the Hon'ble Chief Minister, Madam Dikshit and I am happy to add that the vehicle has created the desired impact on the roads of Delhi. Biodiesel today has become a national movement and this will benefit the country immensely in reducing our dependence on the import of crude oil. We feel very happy that we in Delhi College of Engineering have provided and continue to provide the necessary impetus to the nation's bio-diesel mission. In Civil Engineering a well-equipped transportation laboratory has been setup which is being utilized for quality testing of Roads Samples. Rationale Enterprises Suit software has been procured in the Computer Engineering Department and the Maple software has been added to the Mathematics Department. A well-developed microwave and optical communication Laboratory has been set up in Electronics & Comm. Engg. Dept. We plan to setup a CAD CAM Centre and a CFD Centre in the institute and have planned to transform some of our laboratories into world-class test-houses so that DCE could play a major role in design and development and in quality assurance for our industries and Government organizations.

CORE CENTRE FOR OPTICAL COMMUNICATION

We at DCE are committed to work with our Government at the State and National

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levels to support capability building in Science & Technology Sector. I am happy to report that a Centre for Excellence and Relevance, CORE in Optical Fibres and Optical Communications has been established in DCE jointly with the support of the Department of Science & Technology, Govt. of India and Government of N.C.T. Delhi. R&D in the Cutting Edge Technologies for Optical Communications has been carried out in this Centre and I am happy to report that the partnership with the industry houses has been setup so that the benefit of relevant research are shared by our country's industries. Prof. R.K. Sinha and his research team has recently presented its research work at the international conference at Boston in USA and have also exhibited our R&D capabilities in the international exhibition there. DCE today figures in the world list of major R&D facilities in the area of Optical Communication and is a member of Optical Communication Forum.

OUR COMMITMENT OF CONTINUE EDUCATION :

The need for organizing short term refresher courses for the teachers to keep them constantly updated, has been fully recognized and very well served in this institution. The college teachers are sent for participating in various short term courses and conferences on a regular basis. At the institute level we have organized three Entrepreneurship Development Programmes, Technology Update Programme in Polymer Science and Chemical Technology, ISTE sponsored short term course in the area of Analog & Digital System Design, ISTE sponsored short-term course on Automation in Power Systems, Curriculum Development Workshop in Polymer Science and Chemical Technology, short term programme on Environment Management and Environmental Audit, programme on Environmental Justice, programme on Earthquake Resistance Building Design and Disaster Management, VLSI Design, programme on Advances in Fiber Optics Communication, programme on Intelligent Transportation Systems and also Technology Tutorials on RADAR Technologies in collaboration with Asia Pacific Microwave Conference.

INTERACTION WITH INDUSTRIES :

Delhi College of Engineering recognizes the role of the industries in improving the quality of education and enhance the relevance of skills imparted in the institution. Our objective is to produce engineers having upto-date knowledge and possessing skills highly suitable to our industries. A regular dialogue is arranged with the industries in this respect and the institute Principal and the faculty visit the industries to have a detailed discussion on industries perceptions of present and future needs of manpower and research. MOUs with Ministry of IT, Government of India, NDPL and EMC2 have been signed and MOUs with Microsoft and Cisco are in progress. Our effort at DCE is to bridge the gap between a graduating engineer and a professional engineer so that the manpower we produce finds high acceptability in the industries at home and abroad. I am happy to add that the world leader in VLSI Design, Intel has selected DCE under Intel Planet Lab Programme. This R&D Lab will foster a

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new era of industry academia partnership. We at DCE have highly active student chapters of world renowned professional bodies which include IEEE, IEE, ASME, SAE, ASHRAE, SPIC & SEM. In addition the Computer Society of India and ISTE have their chapters here. Our curriculum has an inbuilt system of industrial training and the project work of our students is based on the industrial related problems. Industrial visits for students have also been organized to MUL, BHEL Haridwar & Bhopal Bhakra Nangal, Machino-Bassel etc.

The college has organized a number of expert lectures by renowned engineers and technocrats in various fields. Notable among them being Prof. Mahinder Singh of IIT Kharagpur, Prof. Ajay Chakravorti, Dr. Shridhar, Sr. General Manager, BEL, Prof. B.K. Sarkar from SAMEER, Bombay, Prof. Dhir, University of Dundee, UK, Prof. ...Pham, National University of Singapore, Prof. I.K. Verma & Prof. Veena Choudhury, IIT Delhi, Shri P.V. Jayakrishnan, Chairman, Central Empowered Committee to the Hon'ble Supreme Court of India, Dr. Sandlas, Director General, DRDO, Ministry of Defence, India, Shri Arunava Goha from Reliance.

ACHIEVEMENTS OF THE FACULTY:

The faculty of the institution is on the advisory boards and expert committees of a number of reputed government and autonomous organizations including AICTE, UGC, NAAC, NBA, BIS and Ed. CIL. The faculty members have also undertaken sponsored research and development project funded by DST, DRDO, AICTE, MIT and other reputed organizations.

An eminent academician Prof. Charles V. Shorten from West Chester University, USA has also joined Department of Civil and Environmental Engineering as a Fulbright Fellow for 6 months, extendable to one year, to teach and guide R & D in the areas of vital national and international importance.

Prof. Robert Boucher, CBE, FEng and Hon'ble Vice Chancellor of University of Sheffield, UK visited DCE in May 2005 in connection with exploring the possibility of cooperation/collaboration between DCE and University of Sheffield. In addition a UK Delegation visited the Institute in November 2005 to explore the possibility of mutual cooperation and collaboration in the leading areas of engineering and technology and students/faculty exchange programme under the UK - India Education and Research Initiatives. A Thai Delegation led by Hon'ble Minister of Energy of Thailand, Mr. Viset Choopiban along with senior officers of PCRA, Ministry of Petroleum, Government of India visited the Institute in October 2005 to explore possibility of further cooperation and collaboration between the two countries on energy farming and bio-diesel production.

Computer Society of India, CSI Chapter at DCE organized a Technical Festival which was participated by students and teachers from various IITs and other leading institutes. A two-week LINUX workshop and training programme was also organized

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at Computer Centre of DCE for the benefit of students and faculty. The training was provided by LINUX certified professionals.

An International Conference in "Mechanical Engineering in the Knowledge Age" was inaugurated by Hon'ble Lt. Governor of Delhi at DCE in December 2005 jointly organized with Indian Society of Mechanical Engineers. This conference had received overwhelming response including 9 Professors from Japan, 2 from USA and from other foreign countries.

INTERACTION WITH ALUMNI:

DCE is in regular touch with its distinguished alumni. Apart from Mr. Vinod Dham, Mr. Sanjiv Ahuja, CEO of Orange Telecom (UK) visited DCE in September 2005 and interacted with students and faculty members. He shared his vision of Telecommunication Technology tomorrow. Mr. Raj Soin, another distinguished alumni of DCE has sponsored 2 scholarships to the DCE final year students to study at Raj Soin College of Business at Wright State University, Ohio, USA. The value of this Scholarship is of the order of Rs. 25 lakh per year. The Wright State University has also supported one graduate of DCE for study of MBA. Shri Harsh Arora, Shri Manish Kumar and Shri Akshay Gandotra have joined their studies at WSU from the current academic session under the Raj Soin Scholarship.

An hour long Video-Conferencing with the father of Pentium Chip Mr. Vinod Dham, a distinguished alumnus of DCE of 1971 electronics, was organized by DCE on September 8, 2005. Prof. Bhuvanesh Goswami and Prof. Sulekh Jain, both Alumni of DCE and distinguished Professors in US also visited the institute and had detailed interactions with faculty and students. The Alumni Association of DCE also organised Alumni meets in 2004 and 2005 which were attended by a large number of Alumni from India and Abroad.

STUDENT CHAPTERS OF PROFESSIONAL SOCIETIES:

The students of DCE have exhibited a greater commitment to the professional activities and have taken leadership roles in organizing national level events and programmes, aimed at enhancing their interaction with the industries and practicing professionals. These programmes are:

MACH 2005

Three leading student chapters of international professional bodies, located in the college, namely ASME, SAE and ASHRAE organized MACH 2005, a national students meet to review the state of the art developments in various areas of Mechanical Engineering. It involved research paper presentations, software development, innovative working models, company presentations etc.

TROIKA 2005

The IEEE and IEE Student Chapters of DCE organized a four day national seminar TROIKA 2005 at the college. At this meet, industries, institutes and professional societies, connected with Electronics and Communication, Electrical and Computer Engineering congregated to create a greater appreciation and understanding of the growth and developments in the area of Information Technology. The events included paper presentations, software design contest, hardware design contest, multimedia quiz, lecture demonstrations of latest products being launched by different companies.

INNOVA 2005

The SEM Chapter at DCE has organized a national meet on Advances in construction technology, material testing and environmental engineering from February 7-10, 2005. Several leading construction industries and government organization supported the event. The students of DCE exhibited a great deal of interest in cultural, literary and spot activities round the year. The climax of fusion of intuition, intellect and imagination was organized as Panorama on Thursday, February 10, 2005.

TECHWEEK 2005

IEEE Branch of DCE has recently organized technical festival, TECHWEEK 2005. During a week long technical festival, senior students shared their experience and expertise with the younger students. Experts from leading IT industries including Microsoft etc. also interacted with the students and shared their views on the current technology trends in the IT sectors. Our Branch Counsellors of IEEE Chapter have received Outstanding Leadership Awards and AT&T Bell Award for their distinguished performance. IEEE Students Branch of DCE has rated as one of the Best Students Branch in whole of South-East Asia.

CULTURAL AND SPORTS ACTIVITIES

The students of DCE exhibited a great deal of interest in cultural, literacy and sport activities round the year. ENGIFEST 2005, the annual rendezvous of the college, was organized from February 22-25, 2005. The SPIC MACAY Chapter at the college has organized a number of very impressive performances by established artists which included the Sehnaï Maestro Bharat Ratna Ustad Bismillah Khan.

ARENA 2005

ARENA 2005 an inter-departmental sports meet of the college was organized with great enthusiasm by the Sports Council of the College. An inter-college

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tournament was also organized in which the professional colleges of the city participated.

ENGIFEST 2005

The Annual Cultural & Literary Festival, ENGIFEST 2005 of DCE was organized from February 22-25, 2005. The teams from various colleges in the city and outside congregated in this Festival to manifest their rich cultural and literary talents. The theme chose for this year's ENGIFEST was "Expressing the Spirit of India". The festival also provided an opportunity for our engineering student community to have face to face encounter with the rich cultural and literary heritage of our country.

NOTEWORTHY DISTINCTIONS ACHIEVED BY OUR STUDENTS:

The Supermileage Vehicle designed and developed by the Students Team of DCE has received 5 Awards in the world competition at Marshall, Michigan, USA on June 10, 2005 including the First Prize for the **Best Aerodynamic Car Design** and the First prize for **Best Team Spirit**.

The Mini Baja team of DCE participated in the world competition organized by the Society of Automotive Engineers International (SAE) in Ohio, USA on June 16-19, 2005 and has received **Dayton Cup 2005** for overall Best Performance from the team from outside of USA and Europe. The Hybrid Car project and Compressed Air Car project got a good start at and are going to participate in the world competitions in 2006. The innovative car projects of DCE students have received support from leading industries such as MUL and TATA and also from the Department of Science & Technology of Government of India.

Another team of DCE students is currently working on a Mini Aerial Unmanned Vehicle which has been innovatively designed and tested for its virtual prototype. The vehicle shall compete in the international competition being organized in USA. These are some of the technology innovations at DCE and I am sure with the enthusiasm and interest shown by the talented student community of DCE we should be in a position to contribute in a highly significant way to the growth of technology and product innovations at this institute.

Summer training by DCE students abroad:

Ms Neha Mukhi, a final year student of Environmental Engineering has undergone Summer Training at University of Cincinnati, USA. Ms Neha has been invited by Georgia Tech University, USA to work on indoor air quality research initiatives. Shri Arnav Anand, a final year student of Mechanical Engineering, has undergone Summer Training in Piping Technology and Products, Houston, Texas, USA in May-July 2005. Two students of DCE have participated in the

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Entrepreneurship Summit at Stanford University, USA in February 2005 and another five students of DCE presented their entrepreneurial ventures at Entrepreneurship Summit held in Singapore in August 2005.

EDUSAT Programme :

DCE has been chosen as one of the centres for AICTE EDUSAT Base Network. The SIT terminal has already arrived. We are in the process of developing a teaching-hub connected to EDUSAT so that the benefit quality teaching by expert teachers and extension programmes could be beamed in the Classrooms of various engineering institutions in the NCR region. We have also proposed to connect all the institutes/colleges providing engineering and technology education at degree and diploma levels in and around Delhi with Nodal Centre at DCE through EDUSAT Network.

Campus Placement:

DCE Campus Placement has been highly impressive this year. Leading companies including Motorola, IBM, Microsoft, CSC, Infosys, TCS, FreeScale, MUL etc. have visited the campus and selected 589 candidates (UG -543, PG-46). 159 students have got more than one job. The highest salary has crossed Rs. 10 lacs p.a. DCE thus, continues to attract the leading companies including MNCs for campus recruitment.

Returning to today's function, we are highly honoured by the gracious presence of the Hon'ble Chief Minister of Delhi, Hon'ble Chairman of UGC and Secretary of Training & Technical Education and dignitaries of the dais. I take this opportunity to congratulate the degree recipients and those receiving the medals and prizes for their outstanding performance. I offer my special felicitations to Miss Surbhi Agarwal and Miss Bhawna Bakshi who have been adjudged as the Best Students for the Year 2003-04 and 2004-05 and are being awarded the Lt. Governor's Gold Medal. My heartiest congratulations to Shri Rajat Malhotra and Miss Neha Gidwani who are being awarded Chief Minister's Gold Medal for the year 2003-04 and 2004-05. My heartiest congratulations are also to Mr. Saurabh Kumar Gandhi, Mr. Maskara Prashant, Ms. Surbhi Agarwal, Ms. Chaitali Roy and Mr. Rajat Malhotra and Prasanna Santhanam who are being awarded IEEE-Dr. P. Kunda Medals for their top ranking performance from amongst the graduating Computer Engineering, Electrical Engineering and Electronics and Communication Engineering students for the year 2003-04 and 2004-05 respectively. My heartiest congratulations are also to Miss Surbhi Agarwal and Mr. Gaurav Punia who are being awarded Dr. S.P. Luthra Gold Medal for the year 2003-04 and 2004-05 for their top ranking performance from amongst the graduating Electrical and Mechanical Engineering students. These accomplishments by our students confer high distinctions on the academic and professional standards of DCE and provide us, in the teaching faculty, immense strength to continue our march on the path of excellence in this era of global competitiveness.

DCE CONVOCATION - 2005

Young graduands, I am sure that the distinctions, with which you are receiving your degrees today, you will continue to aspire for the pursuit of excellence in all your professional activities to which you will subscribe to hereafter. The nation has high hopes from you and I have no doubt in my mind that you will live up to the high expectations of you alma-mater and that you will meet the challenges with courage and confidence. May the God Almighty be with you in your service to the mankind and let the torchlight of knowledge, which you have acquired during your stay at this college, enable you to manifest your life to the fulfillment of the cherished objectives of human existence. This college, your alma-mater shall always be proud of your achievements and we, who have been associated with you during your sojourn at this premier institution, shall always pray for your success.

Let me finish by reminding you that you are the new generation professionals equipped with immense capabilities. It is important therefore that you exercise all care and caution to exhibit your high moral and ethical commitment to your work activity and throughout your professional life. I hope you remember the famous Nachiketa story in the *Kathopnishad* whereby having realized that Nachiketa has acquired the requisite knowledge and expertise to decode the secret of creation, the Yamaraja has ordained Nachiketa **३; IrqoKluoku Horqoul kl nk'kp%** meaning thereby that Let you adore science but ensure that you retain the purity of mind so that your actions largely benefit the people and cause no harm to anyone. You being the Nachiketas of the modern world equipped with world-class S&T capabilities have also to maintain purity of your thought and actions so that you rise to the high expectations of the people of this country and enrich our age-old traditions of scholarship and service to the mankind and mother nature.

May I pray, let you all excel in your profession and achieve perfection through your worship of work. Let the Vedic command **दृढये उकीर्णम्** be your inspiration. Let the **ॐ; क उकीर्णम्** be your life philosophy to achieve life-long enlightenment and let your efforts lead the humanity to its destined divine goal of **ॐ गुह्यं गे-ॐ** i.e. to march together to manifest the divinity within to attain eternity during one's life time.

Thank you young graduands, ladies and gentlemen.



Ph.D. RECIPIENTS

2003-2005

	Name	Title of Thesis
1	Shri Pawan Kr. Sharma	Total Quality Management in Technical Institutes
2	Shri Shailendra Kumar Varshney	Propagation Characteristics of Photonic Crystal Fibers and Waveguides
3	Shri Tarkeshwar Singh	Advances in the Theory of Signed Graphs
4	Shri Shashi Bhushan Mehta	Soft Computing Techniques for the Analysis of Magnetic Resonance Images for Medical Diagnosis
5	Shri Girish Veerabhadra Attimarad	Study of Discontinuities in Open Waveguide
6	Ms. M. Deepa	Studies on Polymeric Gel Electrolytes
7	Ms. Minakshi Verma	Studies on the Polymer Blends of Polypropylene and Metallocene LLDPE Copolymers
8	Shri Madhab Pal	Wave Induced Liquefaction Analysis
9	Ms. Amita Dev	Hindi Speech Recognition using Connectionist Model
10	Shri K.R. Murali Mohan	Recognition of Handwritten Text and Signature Verification

DEGREE RECIPIENTS

(YEAR 2003-2004)

**MASTER OF ENGINEERING
COMPUTER TECHNOLOGY & APPLICATION**

- | | |
|------------------|-------------------|
| 1. Anurag Mishra | 4. Abhishek Khare |
| 2. Vivek Ranjan | 5. Geetesh Goel |
| 3. Vibhor Mittal | |

ELECTRONICS & COMMUNICATION ENGINEERING

- | | |
|----------------------|-----------------------|
| 1. Md. Nasim Faruque | 7. Abhinav Saravgi |
| 2. Alka Vjih | 8. Narendra Kumar |
| 3. Mainuddin | 9. Seema Thaney |
| 4. Satish Kumar | 10. Sujeet Kr. Sarkar |
| 5. M. Muthu Kannan | 11. Anamika Jain |
| 6. Deepak Vashisht | 12. Sachin Gupta |

ELECTRICAL ENGINEERING

- | | |
|------------------------|---------------------|
| 1. Pawan Kr. Pandey | 9. Sudeep Ghatak |
| 2. Ram Chandra Sati | 10. Kay Prasad |
| 3. Rohit Kathuria | 11. Pankaj Gupta |
| 4. Mahender Singh Bist | 12. Shuchi Gupta |
| 5. Golak Chandra Sahu | 13. Rajiv Kr. Gupta |
| 6. Naina Sharma | 14. Rajesh Kumar |
| 7. Rajveer Mittal | 15. Ram Niwas |
| 8. Upendra Mittal | |

DCE CONVOCAATION - 2005

MECHANICAL ENGINEERING

1. Prem Chand Gupta
2. Vishal Uttamraj Bagoe
3. Yogesh Kr. Sharma
4. Manoj Kumar
5. Suresh Lal
6. Manoj Kumar
7. D. V. Udaya Kumar
8. Pradeep Kumar Jain
9. S. Sriprada
10. Deshdeep Gambhir
11. Vivek Jain
12. Kamal Kr. Gogna
13. Abhay Dhuwe
14. Umang Khare
15. Brij Pal Singh
16. Mahendra Pal Singh
17. Aswani Kumar Nanda
18. Ashok Kumar
19. Kamal Pathak

CIVIL ENGINEERING

1. Ashish Arora
2. Rachna Patel
3. Sanjay Vatts
4. Tanuja Akhauri
5. Rajeev Kr. Sharma
6. Priyanka
7. Deba Prakash Satpathy
8. Sunity Choudhary
9. Anurag Jaish
10. Vishal Srivastava
11. Arun Kumar Gupta
12. Santosh Kr. Singh
13. Sunil Saxena

POLYMER TECHNOLOGY

1. Vijender Singh
2. T. Tapan Kr. Brahma
3. Shailendra Kr. Srivastava
4. Yeshvir Singh
5. Jyoti Gupta
6. Manan Gupta
7. Mayank Dwivedi
8. Mrinmoyee Bera
9. Rahul Bhardwaj
10. Sanjeev Singh
11. Satyendra Kr. Pandey
12. Pramendra Kumar
13. Manika Gupta

APPLIED PHYSICS

1. Satyender Kumar

**BACHELOR OF ENGINEERING (YEAR 2003-2004)
COMPUTER ENGINEERING**

- | | |
|---------------------|----------------------|
| 1. Bharti Gaba | 11. Puneet Sardana |
| 2. Deepak Bansal | 12. Rajeev Bansal |
| 3. Deepak Kumar | 13. Rohit Arora |
| 4. Deepak Sharma | 14. Saugat Tripathy |
| 5. Gaurav Sachdeva | 15. Dshashwat Sharma |
| 6. Himanshu Kanwar | 16. Vibhuti Thakral |
| 7. Jagdish Singh | 17. Vivek Chadha |
| 8. Kanupriya Gulati | 18. Vivekanand Nandi |
| 9. Mandeep Malik | 19. Yash Pal Meena |
| 10. Pranish Lookhar | |

ELECTRONICS & COMMUNICATION ENGINEERING

- | | |
|-------------------------|--------------------------|
| 1. Abhineet Gogne | 18. Mukesh Bansal |
| 2. Abhishek Shukla | 19. Neeraj Bharti |
| 3. Amit Abhishek Bansal | 20. Prachi Jain |
| 4. Amit Bhalla | 21. Puneet Khandhari |
| 5. Amit Mangla | 22. Rameshwar Singh |
| 6. Ankur Goel | 23. Rishi Bhatia |
| 7. Anubhuti | 24. Shantanu Verma |
| 8. Ashwani Kumar | 25. Sumit Arya |
| 9. Atul Gupta | 26. Sumit Seth |
| 10. Deepak Singhla | 27. Sumit Taneja |
| 11. G. Khawlhrohlun | 28. Vineet Gupta |
| 12. Gaurav Singhal | 29. Vinit Jain |
| 13. Himanshu Jain | 30. Vipul Singh |
| 14. Jeril Jacob | 31. Vishal Gakhar |
| 15. Jyoti Mohan Koli | 32. Yakun Popli |
| 16. Kunal Singh Sandhu | 33. Kirandeep Kaur Singh |
| 17. Manmohan | |

DCE CONVOCAATION - 2005

ELECTRICAL ENGINEERING

1. Abhinav Manchanda
2. Amit Ragtah
3. Amit Sharan Jain
4. Ankit Saini
5. Arka Mukherjee
6. Arun Dabas
7. Ashish Ahuja
8. Ashish Saxena
9. Ashutosh Sharma
10. Ashutosh Trikha
11. Atul Bahal
12. B. Karthik
13. Bhaskar Sen
14. Damanjit Singh
15. Deborshi Chakkaborty
16. Deepak Chadha
17. Dev Karan Meena
18. Dhiraj Gupta
19. Dimple
20. Dipin Preet S. Bhangoo
21. Divya Sachdeva
22. Isha Gulati
23. Girish Sagar
24. Gurveen Kaur Bhasin
25. Jitender Kumar Meena
26. K. Seilenkhkup Kom
27. Manas Adwal
28. Manjeet Singh
29. Manjul Bajaj
30. Munish Kumar Dogra
31. Naveen Jain
32. Navneet Luthra
33. Neeraj Kumar
34. Neha Goel
35. Nidhi Chopra
36. Nikhil Kumar
37. Pranay Ahlawat
38. Praveen Kumar Upadhayaya
39. Rahul Chauhan
40. Rahul Sharma
41. Rajat Arora
42. Rajat Mittal
43. Rewat Raja Bahal
44. Roni George Varghese
45. Sanjay Kumar Agarwal
46. Sankalp
47. Saurabh Aggarwal
48. Saurabh Joshi
49. Saurabh Mittal
50. Shailendra Kumar Singh
51. Sunal Kumar
52. Supriti
53. Swatika Raja Ram
54. Tarun Tewari
55. Toshiv Kumar
56. Vaibhav Pansari
57. Virender Singh

DCE CONVOCAATION - 2005

MECHANICAL ENGINEERING

1. Akash Deep Taneja
2. Akshat Kumar
3. Alok Goshal
4. Amit Kumar (S/o R.P.)
5. Amit Kumar
6. Amit Kumar Dwivedi
7. Amit Mishra
8. Amit Ranjan
9. Amulya Goyal
10. Ankit Gupta
11. Ashit Baijal
12. Ashutosh Gupta
13. Ateendra Dabas
14. Avinash Poddar
15. C. Meenakshi Sundram
16. Devender Kumar
17. Dinesh Kr. Gupta
18. Gaurav Goyal
19. Gaurav Goyal
20. Gaurav Johari
21. Gaurav Kr. Arora
22. Gaurav Manchanda
23. Gaurav Prasad
24. Gaurav Sethi
25. Harsh Gambhir
26. Himanshu Badhan
27. Jasmeet Singh Chadha
40. Navjeet Singh Soni
41. Nitin Nand Rajoj
42. Pankaj Bansal
43. Pradeep Shastri Vedula
44. Prashant Agarwal
45. Puneet Malhotra
46. Puneet Sharma
47. Puneet Gupta
48. Pushpdeep
49. R. S. Narayan
50. Rahul Godara
51. Ranjan Kumar
52. Ranvir Grewal
53. Rishabh Sinha
54. Sachin Jain
55. Sambit Mishra
56. Satyakam Gautam
57. Saurabh Goyal
58. Saurabh Kumar Gupta
59. Shantanu Somani
60. Sharad Gupta
61. Shobhit Kapoor
62. Stanzin Otzes
63. Sudeep Raj
64. Sudhanshu Maggon
65. Sudhanshu Nagpal
66. Sudhir Gulati

DCE CONVOCAATION - 2005

- | | |
|--------------------------|-------------------------|
| 28. Jasmeet Singh Johar | 67. Sumeet Kumar Goenka |
| 29. Jitesh Kumar Bhaskar | 68. Sumit Jain |
| 30. Jugal Kishore | 69. Sumit Nath |
| 31. Jyoti | 70. Sumit Sharma |
| 32. Kapil Vikram Gupta | 71. Udit Jain |
| 33. Karun Bichauli | 72. Vaibhav Dhasnana |
| 34. Karun Kacker | 73. Vikas Grover |
| 35. Lalit Kumar | 74. Vinay Ghai |
| 36. Madhu Sudan | 75. Vivek Singh |
| 37. Manish Sharma | 76. Vivek Siwatch |
| 38. Manish Virmani | 77. Yogesh Gupta |
| 39. Mirnal Yadav | |

CIVIL ENGINEERING

- | | |
|---------------------|----------------------|
| 1. Aasheesh Gupta | 26. Mohit Gupta |
| 2. Abhinav Rustagi | 27. Mukesh Kr. Meena |
| 3. Akshay Agarwal | 28. Naveen |
| 4. Amit Bhardwaj | 29. Naveen Kumar |
| 5. Amit Bisht | 30. Neeraj Sharma |
| 6. Amit Kumar Bundi | 31. Nirmal Singh |
| 7. Amit Mittal | 32. Nitin Verma |
| 8. Ankush Sinha | 33. Pankaj |
| 9. Anuj Gupta | 34. Parvinder Singh |
| 10. Anupam K. Gojra | 35. Pranab |
| 11. Arijit Sinha | 36. Rahul Gupta |
| 12. Ashish Aggarwal | 37. Raj Shree Meena |
| 13. Ashish Goel | 38. Sameer Suri |
| 14. Ashish Jain | 39. Sandeep Dayal |
| 15. Bhupen Khatri | 40. Saurabh Dhanda |
| 16. Chandra Prakash | 41. Siddharth Gupta |

DCE CONVOCAATION - 2005

- | | |
|----------------------|--------------------------|
| 17. Gautam Sharma | 42. Siddharth Khanna |
| 18. Guru Prakash | 43. Sourabh Sigh |
| 19. S. Sandeep Reddy | 44. Srivenkatesh |
| 20. Harsh Gupta | 45. Suchitra Rani Gautam |
| 21. Hemand Kumar | 46. Sushil Chandra |
| 22. Jatin Narula | 47. Swapnil Bhatnagar |
| 23. Kapil Dev | 48. Tanay Mishra |
| 24. Maghender Singh | 49. Vipul Gupta |
| 25. Manish Kumar | 50. Yavnish Aulakha |

PRODUCTION & INDUSTRIAL ENGINEERING

- | | |
|------------------------|-----------------------|
| 1. Amit Talwar | 8. Puneet Doviryal |
| 2. Gaurav Kumar Garg | 9. Rakesh Verma |
| 3. Himanshu Mathur | 10. Rathin Kothiyal |
| 4. Himanshu Mishra | 11. Ritwik Bisharia |
| 5. Hitesh Goel | 12. Vijay Kumar Nigam |
| 6. Lokesh Prahakar | 13. Vineet Antil |
| 7. Nilothpal Choudhury | |

ENVIRONMENTAL ENGINEERING

- | | |
|---------------------------|---------------------|
| 1. Abhinav Gupta | 9. Manisha Gujral |
| 2. Aniruddha M. Bhagwat | 10. Rajwinder Singh |
| 3. Arnav Chatak Choudhury | 11. Rashmi Jain |
| 4. Arun Kumar | 12. Shishir Mathani |
| 5. Gaurav Jaidka | 13. Shuchi Verma |
| 6. Gaurav Malhotra | 14. Sweta Choudhary |
| 7. Gaurav Saini | 15. Tara Agarwal |
| 8. Lovish Ahuja | 16. Yash Arora |

DCE CONVOCATION - 2005

POLYMER SCIENCE & CHEMICAL TECHNOLOGY

- | | |
|--------------------|----------------------------|
| 1. Ankur Yadav | 15. Rajat Grover |
| 2. Anshav Jain | 16. Rakesh Chand Sundriyal |
| 3. Avnish Rana | 17. Ravi Kumar Goyal |
| 4. Bhupesh | 18. Ruchit Garg |
| 5. Gautam Jain | 19. Sachin Gupta |
| 6. Gunjan Verma | 20. Sahil Girotra |
| 7. Meghna Bhargava | 21. Sanjay Kumar |
| 8. Mukul Mehra | 22. Siddharth Bahil |
| 9. Neena Bajaj | 23. Sunaina Malik |
| 10. Nishant Gogia | 24. Varun Arora |
| 11. Peeyush Tuli | 25. Varun Rana |
| 12. Prashant Rawat | 26. Vikas Dawar |
| 13. Rahul Jain | 27. Vimal Mohan Jain |
| 14. Rajan Kishore | 28. Yogendra Kumar |

B. TECH ENGINEERING (YEAR 2003-2004)

CIVIL ENGINEERING - IV

- | | |
|-------------------------|--------------------------|
| 1. Amit Kumar Sharma | 16. Ryaz Ahmad |
| 2. Arindam Dutta | 17. Satya Pal Singh |
| 3. Desh Raj Sinha | 18. Sayeeduzzaman |
| 4. Deepak Raj Awasthi | 19. Shashank Varshney |
| 5. Dinesh Kumar Bansal | 20. Vijay Kumar Aggarwal |
| 6. Gaurav Kumar | 21. Vineet Tyagi |
| 7. Kamal Kumar | 22. Vinod Kr. Gupta |
| 8. Manoj Sharma | 23. Vinod Kr. Shishodia |
| 9. Mhod. Yasuf Kamal | 24. Vishal Gaur |
| 10. Naveen Kumar | 25. Ajay Kumar Gautam |
| 11. Naveen Kumar Sharma | 26. Anurag Singh |
| 12. Neme Singh | 27. Formanullah |
| 13. Nitin Gupta | 28. Vinod Sharma |
| 14. Pramod Kumar | 29. Kanti Prasad |
| 15. Rakesh Kumar Gupta | |

MECHANICAL ENGINEERING - IV

- | | |
|--------------------------|--------------------------|
| 1. Ajay Kumar | 16. Rakesh Kr. Mishra |
| 2. Akhlesh Kumar | 17. Sandeep Katyal |
| 3. Amit Rastogi | 18. Sanjeev Sharma ????? |
| 4. Ashok Kumar Singh | 19. Sanjeev Wadhera |
| 5. Ashwani Kumar | 20. Satyam Goel |
| 6. Daleep Kumar | 21. Suresh Sood |
| 7. Dinesh Kumar | 22. Shailender Sharma |
| 8. Harish Chander Sharma | 23. Sharad Choudhary |
| 9. Manish Jha | 24. Vijay Kumar Sharma |
| 10. Manoj Burmi | 25. Vijay Singh Rathore |
| 11. Manoj Kumar | 26. Vineet Sharma |
| 12. Neeraj Sharma | 27. Vishal Saha |
| 13. Raj Kumar | 28. Vivek Rana |
| 14. Rajesh Kumar | 29. Mahipal Singh |
| 15. Rakesh Kumar | |

DCE CONVOCAATION - 2005

ELECTRICAL ENGINEERING - IV

- | | |
|---------------------------|---------------------------|
| 1. Ajendra Singh | 15. Pradeep Kumar |
| 2. Arvind Wardhan | 16. Pradeep Kumar Chauhan |
| 3. Anil Kumar Sharma | 17. Raj Kishore Vimal |
| 4. Arun Malik | 18. Sandeep Kaushik |
| 5. Arvind Kumar Choudhary | 19. Sulaeman Akhtar |
| 6. Ashish Taneja | 20. Sunil Kumar Pandey |
| 7. Devender Kumar | 21. Sunil Tiwari |
| 8. Hariesh Kumar Gupta | 22. Varun Butta |
| 9. Jitender Dhaiya | 23. Vipin Kalia |
| 10. Manoj Kumar | 24. Yatinder Kr. Sharma |
| 11. Nagendra Kumar Sharma | 25. Anil Shori |
| 12. Narender Kumar | 26. Arvind Kumar |
| 13. Neeraj Singh | 27. Dinesh Kumar |
| 14. Nitin Mishra | 28. Bal Kishan |

ELECTRONIC & COMMUNICATION ENGINEERING - IV

- | | |
|-------------------------|--------------------------|
| 1. Bhupesh Kumar | 17. Satish Kumar Khatri |
| 2. Deepak Khurana | 18. Sharad Kumar |
| 3. Jyoti Gupta | 19. Sumit Kumar |
| 4. Kaushal Pal Singh | 20. Surendra Kumar Tyagi |
| 5. Khan Jan Gupta | 21. Tarun Kumar |
| 6. Manish Kumar | 22. Tara |
| 7. Manoj Gupta | 23. Uttam Kr. Meena |
| 8. Manoj Kumar | 24. Babu Ram Yadav |
| 9. Mukul Deep Singh | 25. Nagesh Kumar |
| 10. Narendra Singh | 26. Sashi Kant |
| 11. Pramod Kumar Raghav | 27. K. A. Krishanan |
| 12. Rakesh Kumar | 28. Niten Kumar Sharma |
| 13. Ravi Dutt | 29. Ish Kumar |
| 14. Romy Varshney | 30. Sunil Matoo |
| 15. Roopesh Kr. Chauhan | 31. Sharamvir Singh |
| 16. Sachin Kumar | |

DEGREE RECIPIENTS

(YEAR 2004-2005)

MASTER OF ENGINEERING

COMPUTER TECHNOLOGY & APPLICATIONS

- | | |
|------------------------|----------------------------|
| 1. Ganga Prasad Pandey | 14. Manisha Prakash (W) |
| 2. Sumit Sati | 15. Mamta Gupta (W) |
| 3. Parvesh Kaur (W) | 16. Harminder Singh Bhatia |
| 4. Smita Gadge (W) | 17. Ravin Ahuja |
| 5. Bhartihari Misra | 18. Rajesh Garg |
| 6. Anil Girdenia | 19. Anju Agarwal (W) |
| 7. Tushar Mulkar | 20. Nitesh Chordiya |
| 8. Pankaj Kr. Gupta | 21. Rajiv Kumar |
| 9. Vishal Gupta | 22. Sanjay Kr. Tripathi |
| 10. Rohit Naik | 23. Nagender Aneja |
| 11. Nahida Nasreen (W) | 24. Goel Ashok Sita Ram |
| 12. Anil Kumar Jha | 25. Prabir Kumar Mitra |
| 13. Vidhi Goyal (W) | 26. Vishesh Kr. Nirbal |

ELECTRONICS & COMMUNICATION

- | | |
|--------------------------|------------------------|
| 1. Pawan Kr. Sharma | 10. Chitra Agarwal (W) |
| 2. Neelakantha Jena | 11. Amitesh Khongal |
| 3. Sunil Kumar | 12. Neeraj Sharma |
| 4. Sirjib Narayan Maiti | 13. M. L. Chandna |
| 5. Sumit Kumar | 14. Ashish Kr. Mishra |
| 6. Preetika Malhotra (W) | 15. Manoj Shukla |
| 7. Dharendra Kumar | 16. Kamal Thakur |
| 8. Priti Kalla (W) | 17. Shireesh Kr. Gupta |
| 9. Ajay Gaur | 18. Kavita Bhatnagar |

DCE CONVOCAATION - 2005

ELECTRICAL ENGINEERING

1. Anjali Garg (W)
2. Ram Bhagat
3. N Arun Kumar
4. Amit Kumar
5. Vikram Singh
6. Aashish Bansal
7. Pankaj Munjal
8. Jitendra Ghiya
9. Chander Mohan Wason
10. Usha Kiran (W)
11. Bhedkant
12. Ishwari Prasad Sharma
13. Padman Kr. Kar
14. Anoop Aggarwal

MECHANICAL ENGINEERING

1. Vinod Kr. Singoria
2. Amit Sharma
3. K. Janaki Ram
4. Syed Mohd. Mahmood
5. Sanjeev Kumar
6. Rajesh Kumar
7. Tilak Raja
8. Rajesh Kumar
9. Anurag Gaur
10. P. S. S. R. K. Prasad
11. Brajesh Kumar
12. V. Jagatnathan Arulmoni
13. Manish Jain
14. Tarun Bangia
15. Sachin Chugh
16. Mahesh Kumar
17. Mahesh Gopinath Jiwade
18. Rinku Gupta (W)
19. Pradha Saradhi Nooney
20. Wani Pankaj Balaji
21. Uma Ravindra Maddipati
22. Mohan Charan Panda
23. Verender Kr. Saklani
24. Anil Kr. Bhardwaj
25. Deb Kr. Adak
26. Pawan Kumar
27. Kakde Pravin Tukaram
28. Vijay Kumar
29. Jai Singh
30. Gaurav Sharma

DCE CONVOCATION - 2005

CIVIL ENGINEERING

- | | |
|----------------------------|-------------------------|
| 1. Naresh Chandra Varshney | 13. Debesh Raj Pati |
| 2. Rakesh Ahuja | 14. Ushakar Jha |
| 3. Anil Kr. Arora | 15. Bichittar Singh |
| 4. Rakhika Rathore | 16. Harvinder Singh |
| 5. Charan Singh | 17. Rajesh Chandwani |
| 6. Pankaj Kansal | 18. Bhuwadesh Gupta |
| 7. Rohit Khanna | 19. Anjesh Garg |
| 8. Anil Kr. Sharma | 20. Amzad Khan |
| 9. Hemant Kr. Gupta | 21. K. Saidurga K. Rao |
| 10. Mukul Kumar | 22. Sanjay Kumar |
| 11. Pushpanjali Kumari (W) | 23. Mohan Prasad Kediya |
| 12. Kondeti Vijaya Kumar | |

POLYMER TECHNOLOGY

- | | |
|------------------------|---------------------|
| 1. Jitendra Sarin | 5. Bindu (W) |
| 2. Sanjay Kr. Choubey | 6. K. Rajarethinan |
| 3. Bikram Jit Kaur (W) | 7. Bhawan Yadav (W) |
| 4. Rajesh Kr. Jha | 8. Meenu Sharma (W) |

**BACHELOR OF ENGINEERING (YEAR 2004-2005)
COMPUTER ENGINEERING**

- | | |
|------------------------|------------------------|
| 1. Gaurav Kataria | 7. Sanjay Bhatia |
| 2. Gaurav Nayyar | 8. Saurav Bhatia |
| 3. Madan Bindal | 9. Sorabh Kumar Gandhi |
| 4. Manpreet Singh | 10. Sucharit Katyal |
| 5. Meghna Sareen | 11. Swetabh Kulchand |
| 6. Samuel S. Kuruvilla | 12. Vikas Bhargava |

ELECTRONICS & COMMUNICATION ENGINEERING

- | | |
|----------------------------|------------------------|
| 1. Amit Kumar | 18. Priyank S. |
| 2. Anupam Kashyap | 19. Puneet Kumar |
| 3. Ashish Malik | 20. Rahul Parihar |
| 4. Ashish Puneet | 21. Rahul Sahni |
| 5. Chandan Kumar Choudhary | 22. Rajat Malhotra |
| 6. Harmeet Singh Chadha | 23. Ravi Anand |
| 7. Hinashu Tyagi | 24. Samarth Srivastava |
| 8. Hitesh Kr. Gupta | 25. Sangram Bhalla |
| 9. Kaushik Kishore | 26. Sattr Rizvi |
| 10. Manish Aggarwal | 27. Saurabh Garg |
| 11. Manmeet Singh | 28. Shashank Jain |
| 12. Mayank Gupta | 29. Sriram Gupta |
| 13. N. Kannan | 30. Sunaina |
| 14. Nidhi Singhal | 31. Tarun Gupta |
| 15. Nishit Sawhney | 32. Tushar Agarwal |
| 16. Orijit Dhar | 33. Vibhor Mittal |
| 17. Pragya Purohit | 34. Vinod Singh |

DCE CONVOCAATION - 2005

ELECTRICAL ENGINEERING

1. Aadhaar Chaturvedi
2. Aadilya Thakur
3. Abhay Kaushik
4. Abhishek Agarwal
5. Aditya Duggal
6. Aditya Sheron
7. Aman Deep Singh
8. Anlirban Majumdar
9. Ankit Pahwa
10. Ankur Agarwal
11. Archana Pangtey
12. Aseem Sharma
13. Ashish Saxena
14. Bharat Venugopal
15. Deepak Bhandari
16. Deepti Nene
17. Hardeep Singh
18. Kamal Kumar
19. Karan Tiwari
20. Kartik Vashisth
21. Mohit Agarwal
22. Moumita Pramanick
23. Narayan Sultania
24. Naveen Kumar
25. Nimishal Badola
26. Nishant Kumar
27. Nitin Seth
28. Pawanjit Singh
29. Pooran Panwar
30. Pradeep Kumar
31. Prakriti Choudhary
32. Prashant Goyal
33. Priya Ranjan
34. Rachit Bhagat
35. Rahkul
36. Rohit Agarwal
37. S. Deepak
38. Saravjeet Singh
39. Saurabh Bhasin
40. Saurabh Giri
41. Shati
42. Shashank Dubey
43. Shobhon Roy
44. Singh Paurush
45. Smita Singh
46. Surbhi Agarwal
47. Swati Tiwari
48. Tanu Khanna
49. Tarun Khurana
50. Vikash Kumar
51. Vipul Jain
52. Vishak Igpalan

DCE CONVOCAATION - 2005

MECHANICAL ENGINEERING

1. Javed Ahmad Shahid
2. Abhishek Gautam
3. Abhishek Sabharwal
4. Adwitiya Gaurav
5. Akhil Gupta
6. Akshay Kakar
7. Anjkur Meghani
8. Anu Prashar
9. Apurv Agarwal
10. Arpit Gupta
11. Ashish Mansharamani
12. Avinash Sharma
13. Bhaskar Acharya
14. Bhupender Suhag
15. Chirag Taneja
16. G. Gokul
17. Gaurav Gupta
18. Gaurav Mathur
19. Gundeep Singh
20. Haseen Ahmad
21. Himanshu Jain
22. Jacob Thomas
23. Jitesh Lochab
24. Kapeesh Sharma
25. Kapil Rathi
26. Karan Chatrath
27. Kaustav Das
40. Pooja Johar
41. Pratyush Kumar Thakur
42. Preet Kumar Sharma
43. Priyambhu Arya
44. Rahkul Ahlawat
45. Rahul Dhammi
46. Rajat Gupta
47. Rajat Hazrati
48. Rajat Vig
49. Rajesh Sharma
50. Rajit Johri
51. Regan Kumar
52. Rohan
53. Rohit Bhatia
54. Rohit Dixit
55. Rohit Garg
56. Rohitkl Jain
57. Sachin Sehghal
58. Saurabh Segal
59. Saurabh Sood
60. Shiv Malhotra
61. Siddharth Gupta
62. Snigdha Chandra
63. Sudhanshu Gautam
64. Tanvi Srivastava
65. Tarun Dhall
66. Tarun Gupta

DCE CONVOCAATION - 2005

- | | |
|------------------------|----------------------|
| 28. Kumar Shanyayan | 67. Utkarsh Asthana |
| 29. Lokesh Verma | 68. Vaibhav Bharti |
| 30. Mayank Jaswal | 69. Vaibhav Jain |
| 31. Mithun Taneja | 70. Varun Kabra |
| 32. Monika Singh | 71. Ved Vyas Pradhan |
| 33. Mudit Shukla | 72. Vikram Saiba |
| 34. Mukesh Kumar Goyal | 73. Vidhsal Arora |
| 35. Mukul Jain | 74. Vishal Sharma |
| 36. Naresh Kr. Kandpal | 75. Yash Chandra |
| 37. Neelu Chawla | 76. Yogendra Panwar |
| 38. Nishant Gupta | 77. Ziaur I Rahman |
| 39. Nitin Gupta | |

CIVIL ENGINEERING

- | | |
|-----------------------|---------------------------|
| 1. Amarjeet Kumar | 15. Nishchini Gangahar |
| 2. Ankit Prakash | 16. Pankaj Bhatia |
| 3. Ankush | 17. Piyush Mittal |
| 4. Anubhav | 18. Ropan Bhattacharya |
| 5. Atul Bijawat | 19. Ruchir Aggarwal |
| 6. Debashree Mitra | 20. Santanu Biswas |
| 7. Deepak Nathani | 21. Saurabh Bharat |
| 8. Geetika Maheshwari | 22. Siddharth Shankar |
| 9. Harish Arora | 23. Sukrit Dewan |
| 10. Hitesh Arora | 24. Sukriti Sood |
| 11. Hitesh Malhotra | 25. Tanmay Kumar |
| 12. Lundup Jamyang | 26. Virender Singh Manrai |
| 13. Mohit Bansal | 27. Wasim Siddiqui |
| 14. Neha Manchanda | 28. Yatin Kumar Agarwal |

PRODUCTION & INDUSTRIAL ENGINEERING

1. Abhinav Agarwal
2. Abhinav Malik
3. Ankan Kumar Sen
4. Gaurav Goel
5. Gaurav Madan
6. Jitender Vashisht
7. Mayur Bhutani
8. Nikhil Relan
9. Nishant Saxena
10. Nitin Dabas
11. Pranay Kumar
12. Rahul Gupta
13. Sumit Balwani
14. Tarun Deep Suri
15. Vivek Sharma

PRODUCTION & INDUSTRIAL ENGINEERING

1. Abhishek Kumar
2. Amit Gupta
3. Aneek Arora
4. Anuj Gupta
5. Anurag Gupta
6. Arpit Taneja
7. Atul Rawat
8. Avinash Kumar Lohia
9. Geeta Singh
10. Manish Talreja
11. Mohit Gupta
12. Nikhil Ganesh
13. Nikhil Sharma
14. Nitin Garg
15. Nitin Gujral
16. Ojashiwini Mishra
17. Prachi Khandelwal
18. Prasann Potdar
19. Prateek Rajvanshi
20. Rajat Puri
21. Ravi Kumar Bansal
22. Sandeepan Ghosh
23. Sugandh Sood
24. Suknil Ahuja
25. Vaibhav Jain
26. Vishal Gupta
27. Akhil Mittal
28. Anurag Aggarwal
29. Brijesh Kumar Singh
30. Gaurav Chopra
31. Hemant Kumar
32. Pankaj Anand
33. Parth Sarthy
34. Priyadarshi Ranjan
35. Saurav Kumar
36. Shubhra Jain
37. Sonal Pruthi
38. Sumit Shkanker Srivastava
39. Vineet Arora

B. TECH ENGINEERING (YEAR 2004-2005)

CIVIL ENGINEERING - IV

- | | |
|------------------------|---------------------------------------|
| 1. Agha Mohamed Simial | 16. Puneet Nayar |
| 2. Ajay Pratap Singh | 17. Rajesh Kumar |
| 3. Amit Gupta | 18. Rajesh Kumar (S/o Shri Nathu Ram) |
| 4. Amit Kumar | 19. Rakesh Bansal |
| 5. Amit Varshney | 20. Sumit Anand |
| 6. Deepak Jindal | 21. Ritesh Kumar Aggarwal |
| 7. Kapil Gogia | 22. Safdar Hussain |
| 8. Maher Alam | 23. Saurabh Prakash |
| 9. Manjeet Singh | 24. Yatender Singh Rawat |
| 10. Md. Perwej Alam | 25. Naresh Kr. Dhingra |
| 11. Md. Athar Ali | 26. Arvind Kumar |
| 12. Md. Nasrul Islam | 27. Boskee Gautam (W) |
| 13. Mahtab Alam | 28. Ramesh Chandra |
| 14. Pawan Kumar | 29. Vineet Tyagi |
| 15. Pradeep Kumar Pant | 30. Manoj Sharma |

MECHANICAL ENGINEERING - IV

- | | |
|---------------------------|---|
| 1. Anil Kumar | 14. Rahul Rawat |
| 2. Anil Tomar | 15. Sanjeev Kumar |
| 3. Ashesh Sharma | 16. Sonu Rana |
| 4. Asim Husain | 17. Sukhwinder Jeet Singh Bhatti |
| 5. Gaurav Saxena | 18. Sunil Kumar Gupta |
| 6. Indu Kumar Sharma | 19. Vipin Kumar Gupta |
| 7. Jaipal | 20. Yogesh Kumar |
| 8. Kapil Kler | 21. Yogesh Kr. Sharma (S/o Hariom Sharma) |
| 9. Manish Kumar Kotarwani | 22. Jyotirmoy Choudhary |
| 10. Nikhil Kumar Dogra | 23. Man Singh |
| 11. Nischal Singh | 24. Mukesh Kumar |
| 12. Pradeep Kumar Agarwal | 25. Vimlesh Kumar Singh |
| 13. Pravin Kukmar | 26. Anil Kumar |

DCE CONVOCAATION - 2005

ELECTRICAL ENGINEERING - IV

- | | |
|---------------------------|-------------------------|
| 1. Abhishek Jain | 12. Prashant Jain |
| 2. Adesh Kumar | 13. Praveen Kumar |
| 3. Udai Shokeen | 14. Rajeev Kumar |
| 4. Anubhav Mishra | 15. Rakesh Kumar |
| 5. Devender Kumar Garg | 16. Tarun Popli |
| 6. Indra Bhadur Singh | 17. Ravinder Kumar |
| 7. Jay Kumar Yadav | 18. Vijay Kumar |
| 8. Manoj Kumar | 19. Fauseef Tarigue |
| 9. Nand Kishor | 20. Sulaiman Akhtar |
| 10. Nishikant Chincholkar | 21. Sunil Kukmar Pandey |
| 11. Prakash Mani | 22. Lalit Choudhary |

ELECTRONIC & COMMUNICATION ENGINEERING - IV

- | | |
|----------------------|--------------------------|
| 1. Abhay Kumar | 13. Neeraj Vashist |
| 2. Ajay Panyari | 14. P. Ravi Shankar |
| 3. Amit Kuamr | 15. Praveen Dutt Kaushik |
| 4. Amrish Kohli | 16. Shobha Ram Yadav |
| 5. Bhoopendra Singh | 17. Sudhir Kumar |
| 6. Borthachrichaish | 18. Sunil Johri |
| 7. Deepak Gupta | 19. Yaduvanshi Maymal |
| 8. Deepak Kumar | 20. Amartit Singh |
| 9. Hemant Kumar | 21. Deepak |
| 10. Jaspreet Singh | 22. Sudhir Kumar |
| 11. Kishan Singh | 23. Bhupendra Singh |
| 12. Manok Kumar Ojha | 24. S. Sooryanarayanan |

MEDALS & PRIZES

LT. GOVERNOR'S GOLD MEDAL

Awarded to the best student of the College on the basis of his overall performance in academics, co-curricular and professional activities.



SURBHI AGARWAL
BE (Electrical Engg.)
2003-2004



BHAWNA BAKSHI
BE (Environmental Engg.)
2004-2005

CHIEF MINISTER'S GOLD MEDAL

Awarded to the best student of the College on the basis of her overall outstanding performance in academics from the graduating batch of the all disciplines.



RAJAT MALHOTRA
BE (Electronics & Comm. Engg.)
2003-2004

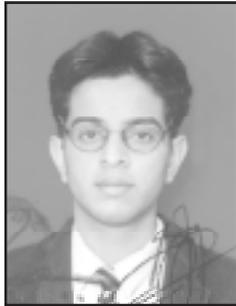


NEHA GIDWANI
BE (Civil Engg.)
2004-2005

DCE CONVOCATION - 2005

IEEE DR. P. KUNDU MEDAL

Awarded to the best performing final year students in Practical Training.



SAURABH KUMAR GANDHI
BE (Computer Engg.)
2003-2004



MASKARA PRASHANT
BE (Computer Engg.)
2004-2005



SURABHI AGARWAL
BE (Electrical Engg.)
2003-2004



CHAITALI ROY
BE (Electrical Engg.)
2004-2005



RAJAT MALHOTRA
BE (Electronics & Comm.)
2003-2004



PRASANNA SANTHANAM
BE (Electronics & Comm.)
2004-2005

DCE CONVOCATION - 2005

DR. S.P. LUTHRA MEMORIAL GOLD MEDAL

Awarded to the top ranking final year student of Electrical/Mechanical Engineering on the basis of performance upto VIII Semester.



SURBHI AGARWAL
BE (Electrical Engg.)
2003-2004



GAURAV PUNIA
BE (Electrical Engg.)
2004-2005

PROF. J.N. MOUDGIL GOLD MEDAL

Awarded to the best student of the College amongst the Mech./Electrical/ civil Engineering on the basis of performance in final B.E. Examination.



SURBHI AGARWAL
BE (Electrical Engg.)
2003-2004



NEHA GIDWANI
BE (Civil Engg.)
2004-2005

DCE CONVOCATION - 2005

ROHIT LAKHANI MEMORIAL GOLD MEDAL

Awarded to best performance in final

B.E. (Electrical), and B.E. (Electronics & Communication) Engineering



NITIN KUMAR

BE (Information Technology)
2003-2004



RAM KUMAR KARN

BE (Computer Engg.)
2004-2005



S. ANURADHA

BE (Polymer Science & Chemical Technology)
2003-2004



RAHUL JAIPURIYAR

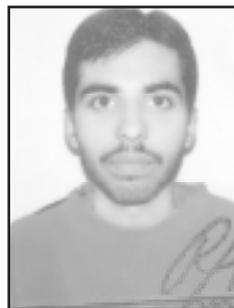
BE (Civil Engg.)
2004-2005

DCE CONVOCATION - 2005

PROF. J. B. Pd. TRIPATHI MEMORIAL SCHOLARSHIP
Awarded for Securing Highest Marks in Chemistry Examination in
Ist. Sem. Exam.



ASHISH MIDDHA
BE (Electronics & Comm. Engg.)
2003-2004



LOHIT AHUJA
BE (Electronics & Comm. Engg.)
2004-2005

SMT. JAGDAMBA DEVI SHUKLA
MEMORIAL GOLD MEDAL

Awarded to an outgoing female student of the final year who secures the highest
marks in B.E. Courses irrespective of any branch of Engineering.



SUBHRA JAIN
BE (Environmental Engg.)
2003-2004



NEHA GIDWANI
BE (Civil Engg.)
2004-2005

DCE CONVOCATION - 2005

**PANDIT CHUNNI LAL SHUKLA
MEMORIAL GOLD MEDAL**

Awarded to an outgoing male student of the final year who secures the highest marks in B.E. Courses irrespective of any branch of Engineering.



RAJAT MALHOTRA
BE (Electronics & Comm. Engg.)
2003-2004



PRASANNA SANTHANAM
BE (Electronics & Comm. Engg.)
2004-2005

PROF. ARUN KUMAR GOLD MEDAL

In the memory of Late Prof. Arun Kumar the Medal is awarded to the best outgoing student of Civil Engineering



RUCHIR AGARWAL
BE (Civil Engg.)
2003-2004



NEHA GIDWANI
BE (Civil Engg.)
2004-2005

DCE CONVOCATION - 2005

RADHE SHYAM GOEL MEMORIAL PRIZE



SURBHI AGARWAL
BE (Electrical Engg.)
2003-2004



GAURAV PUNIA
BE (Electrical Engg.)
2004-2005



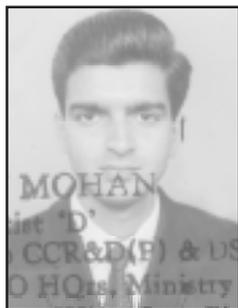
RAJAT MALHOTRA
BE (Electronics & Comm.)
2003-2004



PRASANNA SANTHANAM
BE (Electronics & Comm.)
2004-2005

DCE CONVOCATION - 2005

**DR. V. P. BHATNAGAR GOLD MEDAL
FOR P.G. PROGRAMME IN M.Sc.APPLIED PHYSICS /M.E. COURSES**



MAYANK DWIVEDI
ME (Polymer Technology)
2003-2004



MEENU SHARMA
ME (Polymer Technology)
2004-2005

PRINCIPAL'S GOLD MEDAL

Awarded to outstanding performers of B.Tech. (Part Time).



ABHAY KUMAR
B.Tech. (Part Time)
2003-2004

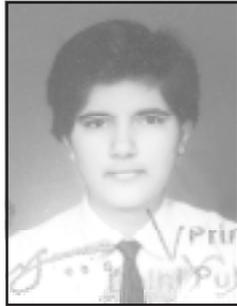


AARTI JAIN
B.Tech. (Part Time)
2004-2005

DCE CONVOCATION - 2005

DR. P. KUNDU - IEEE CASH AWARD Rs.1000/-

Awarded to the best candidate who secures highest and second highest marks in Power Apparatus II & III for Students of B.E. (Electrical Engineering)



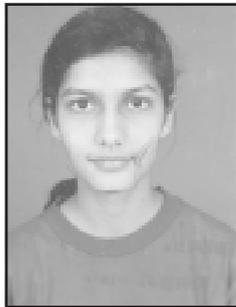
TANU KHANNA
BE (Electrical Engg.)
2003-2004



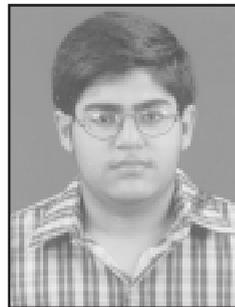
CHAITALI ROY
BE (Electrical Engg.)
2004-2005

DR. P. KUNDU - IEEE CASH AWARD Rs.500/-

Awarded to the best candidate who secures highest and second highest marks in Power Apparatus II & III for Students of B.E. (Electrical Engineering)



SWATI TIWARI
BE (Electrical Engg.)
2003-2004



ASHISH KATHURIA
BE (Electrical Engg.)
2004-2005

DCE CONVOCATION - 2005

DCE ALUMNI GOLD MEDAL

Awarded to the toper of B.E. (Electronics & Communication)
of DCE. This medal is given for the First Time and is
awarded to the student for the year 2004-2005.



PRASANNA SANTHANAM
BE (Electronics & Comm.)
2004-2005

CONVOCATION ADDRESS

I deem it a privilege and honour to deliver the convocation address of the Delhi College of Engineering, Delhi. I am glad to note that the Delhi College of Engineering has grown impressively in the last 65 years and has contributed to the engineering fraternity thousands of distinguished alumni who have excelled nationally and internationally. The course curricula of this technological institution respond to the growing reality of the industry and the changing percepts and practice of the workplace. I am glad to note that the students and faculty of the Delhi College of Engineering are constantly engaged in technology innovations and are well-recognized for their contributions globally. The integrated components of science and applied science along with engineering and technology help the graduates to function efficiently and flexibly in a technological society. Such an approach was realized by Delhi College of Engineering because of the continuous review and interaction with the alumni and industry.

Convocations are important events in the life of any academic institution and its graduates. Convocations give a sense of identity, continuity across years and reaffirm the duty of each generation to transmit best of its knowledge, culture and wisdom to the next generation. Convocation provides an opportunity for students to receive their degrees and academic awards ceremoniously. Dear graduands, you will remember the occasion throughout your life. The pomp and splendor of the occasion reflect the joy in the culmination of your hard and systematic work. The serenity and the ceremonious order of the occasion should remind you of the responsibility that awaits you as graduates. Congratulations and best wishes to all of you. The Principal, the teachers and the non-teaching staff deserve congratulations from all of you and your parents. It is the commitment and efforts of your teachers coupled with your studies in the right ambience provided by the institution, which enabled you to achieve this degree and recognition. You should always be thankful

to your parents and family members who supported your education. I am quite confident that the cultural background in which you are brought up and the excellent academic input you received would provide you with all that is required to face the competitive world outside.

While receiving this degree, you should remember that you are the chosen few from among the lakhs of your brothers and sisters who do not get even an occasion to enter into the higher education system, particularly technology education. You are also the cream among these students. The benefit of Engineering and technology education which is part of the higher professional education is available to a very limited percentage of eligible candidates. That means you have a great responsibility to society. A degree or a certificate from a university immediately distinguishes you from the vast majority of your fellow countrymen. A degree certifies that you have acquired a sufficient level of learning, skill and culture to be able to lead a civilized life. A society does not civilize itself by accident; it occurs through a process of learning, by creative interpretation of experience and by creating new knowledge. Higher Education institutions are ordained to lead the creative reinterpretation of human experience and to be trendsetters in generating new knowledge.

We are living in an age of profound and widespread social and cultural transformation. Rapid changes are taking place in social, political and cultural institutions. Work, employment, and industry undergo massive restructuring. Shifts in identity and aspirations are very swift. Knowledge and information revolution is taking place in a big way. Technologies change very fast. Globalization is the order of the day. Along with this fragmentation and division are also happening. New forms and expressions of citizenship emerge. The world of work is also changing beyond recognition. Industries and occupations undergo major structural changes. There is a continuing demand for new specific and generic skills. The workplace faces significant chal-

lenges of tough competition, technological change, and globalization. Flatter structures, task and project management oriented fuzzy boundaries are characteristics of the new sorts of workplace. There are no more jobs for life; all need to switch occupation and career several times in working life. There is an unavoidable need for trained personnel to be flexible, responsive and creative. There is increasing stress and getting the "work-life balance" right, is a challenging situation. In such a situation, science and technology institutions need to be able to respond effectively to the changing education and training needs, adapt to a rapidly shiftly tertiary education landscape and adopt more flexible modes of organization and operation.

Technological institutions have significant roles in supporting knowledge driven economic growth strategies and in the construction of democratic, socially cohesive societies. It is a critical pillar of human development world over. In today's lifelong-learning framework, higher technical and professional education provides not only the high skills necessary for every labour market, but also the learning and training essential for teachers, doctors, nurses, engineers, civil servants, humanists, artistes, entrepreneurs, scientists, social scientists and several such personnel. It is these trained individuals who develop the capacity and analytical skills that drive local economies, support civil society, teach children, lead effective governments and make important decisions, which affect the entire society.

Technological education assists the growth and improvement of the institutional regime through the training of competent and responsible professionals needed for the overall development of the society. The teaching, research and extension activities provide crucial support for the national innovation system. They constitute the backbone of a country's information infrastructure in their role as repositories and conduits of information. In addition, the norms, values, attitudes and ethics that the higher education institutions provide are the foundations of the social capital necessary for constructing healthy civil societies and cohesive cultures.

In order to successfully fulfill the educational, research, extension and informational functions in today's world, technological institutions need to be able to respond effectively to the changing education and training needs, adapt to a rapidly shifting tertiary education landscape and adopt more flexible modes of organization and operation. Institutions are transforming themselves to respond to evolving educational needs particularly in the context of a globalization and a borderless market. New forms of competition and changing information and communication technologies emerge as part of this.

Higher Technical Education has many purposes beyond the acquisition of concrete skills necessary for the world of work. It also involves developing a person's ability to reason systematically about critical questions and issues; to place facts in a broader context; to consider the moral implications of actions and choices; to communicate knowledge and questions effectively; and to nurture Delhi College of Engineering that promote life-long learning behaviours outside the formal academic setting. The skills of formulation, synthesis, analysis and argumentation can be developed in a wide variety of curricular and a mix of pedagogical approaches.

Alongwith technological capabilities and skills, education at all levels and fields should contribute to the promotion of civic behaviours, nation building and social cohesion through the transmission of democratic values and cultural norms. This supports the formation and strengthening off social capital, generally understood as the benefits of membership in a social network that can provide access to resources, guarantee accountability, and serve as a safety net in times or crisis. The institutions, relationships, and norms that emerge from higher education are instrumental in influencing the quality of society's interactions, which underpin economic, political and social development. Higher education institutions are the crossroads for social cooperation, which can foster strong networks, stimulate voluntary activity and promote extracurricular learning and innovation.

Adapting to the changing environment is not only a matter of restructuring higher education or its specialized branch of technical education, introducing emerging areas and applying new technologies. It is equally important to ensure that students are equipped with core values needed to live as responsible citizens in complex democratic societies. A meaningful education should stimulate all aspects of human intellectual potential. It should not simply emphasize access to global knowledge in science, technology and management, but should also uphold the richness of local cultures and values, supported by the time-honoured and eternally valuable disciplines of the humanities and social sciences, including philosophy, literature and the arts.

With increasing importance of information technology, biotechnology and related emerging areas, there is an observable decline in the interest towards understanding the importance of awareness in humanities, social sciences, languages and art subjects. This is again an undesirable trend. Promotion of relevant education and training in these subjects with proper integration of such awareness courses and other emerging skill-related areas is very essential. I am glad that the Delhi College of Engineering is taking care of this lacuna and see that such course works are integrated along with the engineering disciplines. Restructuring of the curriculum and adoption of state-of-the-art methods for imparting and receiving knowledge in these subjects would greatly enhance the relevance of courses.

The education in technology and applied sciences has to be backed and strengthened by strengthening fundamental sciences as well. The generation of knowledge, transmission of knowledge, storage and retrieval of knowledge and utilization of knowledge all should be pursued by a university. If one acquires real knowledge, he will also know how to apply it. There is only knowledge and applicable knowledge. No knowledge is there which is not applicable. The applicability is a question of context. The context has social, cultural

and regional connotations. A person acquiring knowledge should also be educated of this context. Herein comes the importance of the awareness and education in social sciences and humanities and moral and ethical concerns. If you acquire knowledge and skills in any emerging area without a proper understanding of the humane universal ideals, you may not achieve proper use of knowledge or you may even fail the very purpose of acquiring knowledge or education.

The conferment of a degree may not be considered as the culmination of the educational process. It is not the end, not even the beginning of the end, but perhaps the end of the beginning. The degree is only a license for further education. You might have heard of life-long education. The process of life is and has to be all pervading in education. Education for life, education through life and education throughout life- this must be the ever-guiding philosophy underlying any educational process. Today everybody doubts the purpose of education looking at the almost aimless way in which it is imparted and received. We should be able to say with conviction emphatically that education is for life and life only in its entirety. The education you are receiving through the lectures, from the laboratory and library, and through special training is only, may be, less than 10% of what is expected out of education. The rest should come from your parents, home, neighbours, and through interaction with all sections of the society. The opportunities and problems posed by life should add flesh to the skeleton of curricular framework and syllabus of whatever structured education you acquire. For a person who is educated simultaneously with the real exposure to life situations, there is no need to separately educate him about the social relevance of education or values of life or his obligations towards the society. Education should be throughout life. After getting a degree or diploma you are only starting real education. You have to be continuously learning, improving your knowledge and skills everyday. Knowledge is expanding in a very rapid pace. If you are not keeping abreast of all the developments, you will be trailing behind.

The purposes of education are stated as follows: learning to know, learning to learn, learning to do and learning to live together. Imparting knowledge is considered as the most important purpose of education. Today's society is described as the knowledge society. Knowledge is power. Knowledge has to be differentiated from information. Today with the advent of modern information and communication technology devices, education concentrates on teaching students how to learn. That means, as a result of education they should learn how to learn things. Skill development is another important function of education. All these points to the holistic purpose of education, which is the intellectual, physical, emotional and artistic development of the student. The overriding purpose of all these should be learning to live together. In a multicultural society, harmonious co-existence with all sections of the society of the human kind and all species of the Nature, giving due respect to all living and non-living forms of the universe is very essential. Here is the 'learning to live together' aspect of education. I may even add another purpose - learning to unlearn. As a result of established educational training, you might have learn several things and skills, creating prejudices in you. Some of the learning your have gathered may become irrelevant and out of place when you really apply this to life in an ever-changing society. In such a context you may have to develop the process of unlearning and throw away your prejudices. This process of unlearning will be a much more difficult task than learning. This means, education should make you more open-minded and receptive to new ideas and challenges.

Education is worthwhile only when it brings with it an upliftment and reinforcement of the human spirit and the moral fibre of those who seek the advantage of knowledge. The liberating power of education is of great relevance in our society. Education should produce citizens not only in diverse branches of knowledge, theoretical and practical, but also persons of positive outlook, inspired with the spirit of service.

DCE CONVOCATION - 2005

It is of utmost importance that the right values, moral and ethical concerns and patriotic spirit are instilled in the mind of every educated persons. This is necessary for the proper growth of the individual and for the well-being of the society. True education involves the inculcation of positive thinking and right orientation of mind, which when consolidated, makes for good, strong character. Educational institutions have to change from being centers of acquisition of knowledge to those of its right use; they have to change from being merely seats of individual competitive ambition to those of social readiness to serve humanity. Teachers have the responsibility of gearing the educational system to meet the national and societal needs by creating an atmosphere, which promotes the spirit of autonomy and creativity. The teachers have to instill in their students the spirit of scientific temper and rational approach.

Dear young graduates, the established systems of education you have achieved might have created some prejudices in you. Some of the learnings and skills you have gathered may become out of place at a later time or in a different context. You may even have to unlearn many things. The process of unlearning is very difficult, much more difficult than learning. The award of a degree should not be taken the culmination of the educational process. The degree or diploma is only a license for learning. You will be learning, unlearning and relearning life-long. I am sure that the type of teaching, training and exposure you got from the Delhi College of Engineering will equip you to face the competitive world and succeed.

Congratulations and best wishes to all of you once again.

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Convocation Oath

I solemnly affirm that I shall have an abiding faith in and shall live upto the honour and dignity of the Degree conferred on me by the University. I shall use my knowledge for the service of my countrymen and mankind at large. In my speech, deed and action I shall always uphold the high ideals of humanity. I shall use my knowledge and expertise for the welfare of the people. I shall consciously work for the glory of my Alma Mater and for the dignity of mankind.

- From "Dikshant Samaroh" by J.N. Moudgill and P.B. Sharma
Lokarpan by Dr. S.D. Sharma the then President of India

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