

DCE CONVOCATION – 2006



H.E. Shri Tejendra Khanna
Hon'ble Lieutenant Governor
Delhi

DCE CONVOCATION – 2006



SHEILA DIKSHIT
CHIEF MINISTER



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

D.O.NO. : CM/9265
Dated : 24.4.07.

MESSAGE

I am glad to know that the convocation of **Delhi College of Engineering** is scheduled to be held on 26 April 2007. DCE with its tradition of academic and professional excellence has contributed in creating relevant human resource as engineers and technologists to serve the cause of society. 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. 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 convey my sincere greetings and best wishes to the passing out graduates, members of faculty and staff of DCE on this auspicious occasion.

(SHEILA DIKSHIT)

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DCE CONVOCATION – 2006



Dr. G. Narendra Kumar, I.A.S.
SECRETARY



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Phone : 27322573, Fax No. : 27325341

D.O. No. _____

Dated : _____

Message

I am delighted to learn that the Delhi College of Engineering is going to celebrate its convocation on April, 26, 2007. It gives me great pleasure in extending my heartiest congratulations to the degree and medal recipients, their parents and the learned faculty members of Delhi College of Engineering on the occasion of Convocation 2006.

Delhi College of Engineering made a significant contribution to the growth and development of technical education while producing high quality technical manpower in various disciplines for meeting the developmental needs of the country. I convey my good wishes to the passing graduates on this occasion.


(Dr. G. Narendra Kumar)

Prof. K. K. Aggarwal

VICE CHANCELLOR



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GGSIPU/VC/2007/

April 23, 2007

MESSAGE

Delhi's rich cultural and educational heritage is closely interwoven with the Delhi College of Engineering. The alumni of the college have distinguished themselves in India and abroad and made notable contributions to the society in several fields of Engineering and Technology.

I am happy to note that the college is organizing convocation on April 26, 2007 to present degrees and medals to the graduates. I extend my greetings and good wishes to the graduates, faculty and the management on this occasion.



**[K.K. Aggarwal]
Vice Chancellor**

CONVOCATION ADDRESS

By Shri K. K. Aggarwal

Vice- Chancellor

Guru Gobind Singh Indrapastha University

His Excellency, the Lt. Governor of Delhi, Shri Tejendra Khanna; Secretary, Technical Education, Dr. G. Narendra Kumar, Principal of the prestigious Delhi College of Engineering, Prof. D. Goldar, distinguished members of the faculty, graduating students, ladies and gentlemen

I am conscious of the honour you have done to me by giving me an opportunity to deliver the convocation address today. I am grateful to the Principal and his colleagues for providing me a platform to address the most important segment of our society – young engineers who are destined to make great contributions for the development of this great Nation in the near future. It had been rightly said that philosophers have interpreted the world for ages and it is for the engineers to ensure that it is a better world to live in.

This institute is not new to me. I have been associated with the institute in some form or the other for last several decades. I am fully aware of the fact that this institution has made a mark not only in the capital but whole country and even abroad. Many industries are looking forward to the products of this institute with great expectations which they happily find having been fulfilled.

I was asked to speak recently in a seminar organised by an industry chamber on the title “The Brand Delhi - what does it represent”. I understandably gave my presentation on “Delhi to be projected as an International Centre for Education”. One of the points, which I had brought in for change was that most of us are really concentrating on what I call as ‘damage control exercise’ meaning thereby working hard to ensure the improvement in very poor institutions to come up to some minimum threshold level. It is a good thing; must be done. But none of us probably are concentrating to the extent required on the good and very good institutions which by an extra incremental effort can be made excellent world class institutions. According to me, to encourage, accelerate and grow very good institutions is equally important. If we wish our graduates to bring about a breakthrough in the world, we have no option but to inculcate that necessary environment in these good institutions where these students can grow without shackles, where these students can enjoy the fruits

of flexibility, where these students can enjoy the freedom of working and grow themselves into those engineers and professionals which can make a difference to the world. I believe we all have to make a very conscious effort in that direction. Unfortunately in a democracy like ours, the major effort invariably goes to stopping the evil and at best encouraging the mediocracy. But at this stage of knowledge world and if we have to really reach our defined targets for 2020, we have to change our thinking paradigm and put in our best efforts to the best of the institutions, like yours, to make them stand out in the whole world. I strongly believe that we can do it if we all make conscious efforts in that direction.

We now need a defined technological vision. Change is the basis of every vision. A change for the better; a change that has to be unusual but feasible. In a recent conference last week, our distinguished Prime Minister, Dr. Man Mohan Singh, while addressing the senior officers advised them to be the ‘change agents’, as this is now a necessary requirement in the country. From thereon, I have tried to work out – what can enable one to be a change agent by analyzing the word ‘CHANGE’ itself. Let me share it with you. ‘C’ stands for core competence; until and unless you develop competence in the area, in which you wish to make a change, you will not be able to do so. ‘H’ stands for higher learning. Till you are able to convince yourself that you have to learn more and more in the area in which you want to bring about a change, you will lag behind. So learning should be your motto everyday, every hour of your life. ‘A’ stands for adaptability. In this world of today, where the changes are fastest ever, we have no option but to be adaptable to the situation. Very rigid ideas, very rigid technologies, very rigid paradigms will not enable a change agent. ‘N’ stands for networking. Gone are the days when we could individually perform great tasks. World over, Indians, as individuals have been recognised as one of the best; but when it comes to team-playing, we have normally lagged behind. It is therefore necessary that we network ourselves to bring about the necessary changes. ‘G’ stands for globalisation. Until and unless we devise the technology to be relevant to the whole world and the new concepts in the knowledge developed which are relevant to whole world, we fail in our objectives. Therefore think globally, act locally, will have to be

DCE CONVOCATION – 2006

our motto. Finally 'E' stands for excellence. The question of becoming a change agent does not arise if your eye is not on excellence. Excellence is something which is necessary in today's world. I have been a student of Quality and Reliability. During a study of these concepts, I individually developed great admiration for the word 'excellence' even more than perfection. Perfection makes you reach the goal, which according to me should never be reachable. Excellence is a journey which always takes you onward and onward and I personally believe that is what one should always perform. I therefore re-endorse our Hon'ble Prime Minister's advice that all the learned people who can contribute to the society should become change agents but nonetheless reiterate that these essential attributes, which I have enumerated above must be imbibed before we can really become so.

Education today has become as continuous process and award of a degree is certainly not the terminal stage of education. The pace of development has been so rapid that one needs education everyday. Many studies in the advanced countries have revealed the importance of continuous education and it has been said that sustained success in meeting our National objectives and in competing at the International arena will depend in large part on the optimal utilization of not only our physical, natural and financial resources but human and intellectual resources as well. In today's world, investment in intellectual capital is an option believed to give the highest possible return. Intellectual capital is like every other form of capital. It appreciates and depreciates, becomes obsolete, requires maintenance, repair, replacement and modifications. New infusions are needed from time to time for preserving it nicely. It has been rightly said that a person who graduates today and stops learning tomorrow becomes uneducated the day after. I am sure our graduates will not allow this to happen to themselves. May I remind that half life of a Computer Engineer now is less than two years. So what you really learn is not going to be very lasting if you have not acquired the capability of ensuring that you keep on learning at a desired pace.

Modern world is in favour of young people. World is a new market base where the product in demand is innovation and people in short supply are those who can innovate and convert innovative ability into results. By 2020, World would need to depend only on the scientists and engineers and other professionals from

India and China. It is only in these countries, young people of the age group 35 to 40 would be in large supply. In other words, many of you would make most of the world. Therefore young graduates, the world is your play-field, rules of the games will be governed by the competition of the day. Winning in this game will be all about being more innovative and being truly professional. The world of tomorrow is in hurry to complete the assignments of yesterday. The other day one man was running with a pair of shoes that he had bought for his wife. When asked as to why he was running so fast, he replied while continuing to run "fashion may change before I get home". Young graduates, this is a challenge ahead of you, how fast you can change to meet the demands of the challenge ahead.

In this context, institutions like this must have a academic system in which academic innovations and changes are possible whenever required. We must have a system in which we can change our curriculum, we can change our methods of teaching to provide emphasis on learning, we should be able to change our examination system to make sure of the requirements of the profession. I believe this institution is on the right track through it has many more miles to travel than it has already travelled. You must, of-course, remember that you have to run fast enough to cover any distance today in the context of Technology because as we say the milestones themselves are also running and to catch them you have to be faster than the milestones which symbolizes the rate of technological development.

My so much emphasis on change should not make you believe that you have to re-do every thing meaning thereby demolishing the old house and building a new house; demolishing the old educational paradigms and build entirely new academic world. My dear friends, it is not so. Change might mean a very very small component or a very small shift in working which has lot of value addition. May I remind you, between Chimpanzee and human being, only 1% of DNA is a change; 99% still remains the same. When I talk of change, I am not promoting demolishing of old things. I am only saying always think what can be changed, at what cost and with what possible value addition; analyse carefully and then go ahead and take the necessary risk.

DCE CONVOCATION – 2006

Learn to learn in life to think beyond what happens to you is probable. Learn in life to take risks. We are somehow accustomed to a very conservative society. Conservatism is good in some sense but it has a capacity to pull you back at times. Just think, what we can do, what we can learn to do it. I was reading that CEO of one of the best companies abroad says that “we do not fire people who fail, we fire people who do not try”. Because if you do not attempt, you have ensured a failure for yourself. It is only after you try, there will be two paths; one will be success and one will be failure and if you work hard and with determination, success can be yours. Therefore whatever comes your way learn to take risks and more often than not, you will succeed.

I have many a times come across the leaders of the institutions who, when asked, “how is the institution doing?”; will answer “it is as it was”. Friends, I do not believe it. No education institution, no university can be static. I remember, when one correspondent asked me, “when the University will be complete in your views, Sir”. I instantaneously answered “Never”. The Universities and educational institutions are never complete. As a matter of fact, these are living organs of the society and are not buildings and equipments which form an institute. I am also aware that any living organism is always either growing or decaying and therefore if we accept the fact that the educational institution is a living organism, then friends, believe you me if you are not growing, you are decaying. Rest is a matter of sadistic pleasure. My young graduates, make sure that you grow everyday in your life.

Two hundred years after the Industrial Revolution dramatically changed the way we worked and lived, a new revolution is launching a similar upheaval. Some call it the Digital Revolution, others the Information Age and still others the Knowledge Economy. In this wave, knowledge is the key competitive resource. Most products today are little more than packaged knowledge. We always believed that “ROTI, KAPARA AUR MAKAAAN” as the basic necessities of life. It is to be believed and ensured that this set is to be extended to “ROTI, KAPARA, MAKAAAN AUR GYAN”

Winston Churchill had remarked long back that the empires of the future would be empires of the mind. This prophecy has turned out to be more than true in today’s world. The global economy is now in a state of rapid transition; it is transforming itself into what

has come to be known as the information or knowledge economy. In the economy driven by knowledge, the foremost wealth of an organization are its human capital or knowledge assets [collectively defined as ‘intellectual capital’]. As noted by *Thomas Stewart*, a famous expert, “*knowledge has become the primary ingredient of what we make, do, buy & sell. As a result, managing it – finding and growing intellectual capital, storing it, selling it, sharing it – has become the most important economic task of individuals, business, and nations*”. The organization for Economic Cooperation and Development estimates that already, more than half the wealth of advanced industrial societies is derived from knowledge capital, The global economy is becoming ever more transparent – and, as a result, capital will seek out intelligent enterprises with increasing precision.

Success is important, but success without fulfillment is empty – it’s like good looks without goodness. Success is not measured by how we do as compared to others, but what we do as compared with what we are capable of doing. That is what athletes feel when they compete with their own previous records and better them as they go along. Talking about the benchmarking, I have a small interesting incident to narrate. Two friends were going through a forest and they saw a lion running behind them. Both were obviously frightened. They were bewildered as to what to do and then one of them said, “let us run fast”. The two friends felt that to save their lives, they just have to run. However, both of them believed they can not run fast enough and now inevitable will happen. One of them asked the other friend, “Will there be any use of running at this stage?”. “Will we be able to run faster than the lion?” The reply was that I have only to run faster than you. The point, which is being brought out by this narration is that you have to always benchmark yourself realistically. Set the standards which you fix for yourself; go ahead of them; fix new standards and keep on.

The world over, from time to time, there have been several indices enunciated for devising an index indicating the status of the progress of the world. These indices from time to time have been GDP, GNP, Purchase Power Parity, Human Development Index and sometimes even more specific ones like the number of educated women in the world, infant mortality, rate etc. etc. However in one of the recent

DCE CONVOCATION – 2006

very popular book “World is Flat”, the author Thomas Friedman says that the best index today would be based on whether the youth live on the memories of the forefathers or dreams of their future. The author asserts, the number of dreams exceeding the number of memories will probably be the best index of the development of a nation today. I agree perfectly. However, many people may only have dreams but do not have goals in life. A goal is a dream with a deadline, a clear direction and a plan of action. Less than 3 per cent of the people in the world have goals – no wonder people don’t reach their objectives. Most people spend a lot of time planning a party or vacation, but not planning their lives.

Let me leave you with one more notion. President Radhakrishnan, who was of course, one of our great modern thinkers, once said: “We cannot always control events but we can always control our reaction to events”. As our graduates make their way through their careers, they will find that circumstances are often beyond their capacity to influence. But their quality as professional leaders and as human beings will be seen in how they respond. Learn, then, to shape your response and you will get your results.

Lastly, friends let me take a minute on the importance of attitude in life and for this I quote, from the article by Charles R Swindoll, “The longer I live, the more I realize the impact of attitude on life. Attitude, to me, is more important than facts. It is more important than the past, the education, the money, than circumstances, than failure, than successes, than what other people think or say or do. It is more important than appearance, giftedness or skill. It will make or break a company ... a church... a home. The remarkable thing is we have a choice everyday regarding the attitude we will embrace for that day. We cannot change our past we cannot change the fact that people will act in a certain way. We cannot change the inevitable. The only thing we can do is play on the one string we have, and that is our attitude. I am convinced that life is 10% what happens to me and 90% of how I react to it. And so it is with you ... we are in charge of our Attitudes”.

I am reminded of an analogy by our colleague Prof. V.M. Gadre, Professor of Electrical Engineering at IIT Mumbai. He used to emphasise, teaching and learning experiences are like gardening. He has been telling the students that let the process of learning be like

cultivation of gardening and not like accumulation of store house. In a store house, one accumulates grains and fodder cultivated in a garden. In a garden one uses seeds, sprouts and shoots. In a garden there are processes of sustenance, procreation and death. In a store house, there is only storage and death. One can roam around in the garden and enjoy the flora and fauna. The process of teaching is also similar to that of the gardener. The teacher realises that the seed is there in the student and the teacher waters it, puts in good soil, gives sunshine and allows the sprout to become a tree of some magnitude.

There is a sound and noble core in each one of you. However, unfortunately, it gets coated with layers of egotism, desires, greed, anger and jealousy of varying thickness. Deeply involved in these layers we refuse even to realize that we may have some shortcomings. In this context I am reminded of the following few lines by Sri Sathya Sai Baba:

“Take care of your thoughts. Then actions will take care of themselves. Action follows thought. You sow an action and reap a tendency. You sow a tendency and reap a habit. You sow a habit and reap a character. You sow your character and reap your destiny. Therefore, destiny is your own creation. If you change your habits you can become master of your destiny’.

I, as Vice Chancellor of the professional University of Delhi, assure this institute of all our support in whatever manner the institution or the Government feel we could be of help. Before concluding, I take this opportunity to convey my very best wishes to the graduates for their grand success in life, excellent contribution to the society which will make their alma-mater feel proud of them.

Thank you for your patient listening;
JAI HIND.

FROM THE DESK OF THE PRINCIPAL..



Principal Prof. D. Goldar

Degree recipients, Members of the press and media, Ladies and Gentlemen.

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

We are highly grateful to the Hon'ble Lt. Governor Shri Tejendra Khanna for agreeing to be with us and for sharing our moments of joy and happiness. We shall draw immense inspiration from your suggestion and blessings for improvement of technical education in this esteemed institution. We shall share your concern for uplifting the standards of technical education. We shall feel happy in being your partner in progress in making Delhi as one of the best capital cities of the world. We are highly elated by your gracious presence at this auspicious function.

We are also grateful to Prof. K.K. Aggarwal, Hon'ble Vice-Chancellor of Guru Gobind Singh Indraprastha University who has very kindly accepted our invitation to deliver the Convocation Address. Prof. Aggarwal is a renowned academician who has immense contribution to education with professional excellence. Under his dynamic leadership, the GGS Indraprastha University has scaled new heights in engineering education.

We are also grateful to our secretary (Technical Education) Dr. G. Narendra Kumar under whose leadership the Department of Technical Education & Training has taken many new initiatives to revitalize technical education

in NCT Delhi. He has 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, DCE is firmly committed to 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.

We are delighted to receive our distinguished alumni and a large number of young graduands at this function. We extend warm welcome to our esteemed guests and all those present in this auspicious function.

The Convocation is a solemn occasion in an academic institution. 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 guests so as to inspire them to use their knowledge for the service of their countrymen. Therefore, I congratulate all the graduates and post graduates, who are receiving their degrees, medals and prizes for the distinction they have achieved.

Delhi College of Engineering has determined its uniqueness in order to be an effective agent of change in engineering education for the 21st century. Our mission consists of three-part education, research and service. In terms of enrolment and technical survey, we are in top 10 colleges of Engineering in India. Our programs range from basic professional degree education to advanced study leading to the doctorate degree. Our institute attracts quality students. As a result, the Govt. agencies and the industry offer our students best of the packages while they are in the final year of the Course. Our linkages with industry are quite strong due to our consistent involvements with students professional organizations, namely IEEE, IET, SAE, ASHRAE, SEM and recently, SPE.

DCE CONVOCATION – 2006

The college today caters for 10 full-time and 4 part-time UG Programmes. The B.Tech (Part-time) programmes are meant for employed diploma holders and are offered to provide them opportunities for career-growth while in service. The intake of full – time BE programmes shall be 870 from the presence intake of 670. From the academic year 2007-08, there is increase intake in all the existing branches of engineering. The college also offers 11 post-graduate programmes in various specializations of engineering, technology and applied sciences for full-time and part-time students. It is proposed to introduce new programmes in the near future including in the areas of Software Engineering, Microwave & Optical Communications, Information Security, Infrastructure Engineering & Management, and Health Care Engineering & Management, system Engineering and Bio and Nanotechnology. Ph.D. level research is currently being carried out in all engineering and applied science departments. The focus is again on industry relevant research and R & D to strengthen technology missions of our country. Teachers and students of DCE have published good number of research papers in national and international journals. During the last two-three years, a good amount of research has been carried out in composite materials, conducting polymers, optical fibers for communication, alternate fuels, VLSI design, embedded systems, information security, water quality monitoring, earthquake engineering, disaster management etc.

DCE has produced, during the last 66 years, over 23000 graduates and post-graduates in engineering and technology. I feel proud that large number of graduates of this college has attained positions of high distinction in industries as well as in the government and private organizations at home and abroad.

TRAINING & PLACEMENTS OF OUR STUDENTS

Placements this year have again witnessed a quantum jump both in quality and quantity. The companies like TCS, Infosys, Maruti, Microsoft, IBM, Wipro, Free Scale, Bechtel, Samsung, BEL, C-DoT, Alstom, Mahindra & Mahindra, Price Water House, Hughes Systique, GRAIL Research, Schlumberger, Sequence Design, Engineers India Ltd, Tata Motors Ltd, Philips Electronics, BPL, IOCL, Siemens Power, Unitech etc. are the leading names who have recruited our bright students.

It is a matter of great satisfaction that 3 of our students, one each from Civil, Mechanical and Electrical Engg., have bagged the highest salary of Rs. 43.00 lacs. per annum this year and have been selected by M/s. Schlumberger. It is also a matter of great satisfaction that our placement in each branch is more than 100% and in the branches of Computer Engg., Electronics & Communication Engg. and Mechanical Engg., it has crossed over 200%. More than 65 international MNCS names have visited our campus so far and more than 30 are still waiting to visit.

The acceptability of our students whether in training or placements is second to none including IITs. Several of our students undertake their winter and summer training abroad. Sandeep Sagnn, Saurabh Garg, Ravi Sachasiri, Preeti Bhargava, Kartik Saxena, are some of the students who had their trainings in Australia, Germany, Thailand & Taiwan respectively. Chery Gupta and Mayank Agarwal also had their training in Singapore. This speaks volumes about the quality and excellence of our faculty and students, and, also manifests the efficiency and effectiveness of the Department of Training & Placements.

PROGRESS IN VARIOUS DEPARTMENTS:

Faculty Addition

Four (04) regular new faculty members appointed thorough UPSC and 14 contractual teachers joined the department of Civil Engineering, Mechanical Engineering, Polymer Technology, Chemistry, Electronics & Communication and Electrical Engineering during the ongoing academic year. 35 new faculties on contract may join the institute very soon to meet the urgent requirement of teachers.

Research Papers

56 research papers were published in reputed journals by the faculty in various disciplines namely Civil Engineering (06), Mechanical Engineering (20), Physics (15), Polymer Technology (06), Electrical Engineering (5) and electronics & Communication Engineering (04). 46 research papers submitted by the students & faculty were published in conferences in India & abroad from the departments namely Applied Physics (18), Mechanical (12), Electrical Engineering (08), Chemistry (04) and Electronics & Communication Engineering (04).

DCE CONVOCATION – 2006

Ph. D. Awarded

Ph.D. Degrees were awarded to 09 students of various disciplines namely Civil Engineering (02), Mechanical Engineering (02), Physics (02), Electrical Engg. (2) and Chemistry (01). It is also important to mention that eight (08) Ph.D. thesis were successfully submitted for evaluation by the students from various departments (namely Mechanical Engg. (05), Physics (02) & Chemistry (01)).

Invited Lectures

Delhi College of Engineering invited various dignitaries, distinguished faculty members & persons of eminence from industry to deliver lectures to students and faculty. It is important to note that there were thirteen (13) lectures were organized by the various departments (namely Mechanical Engineering (04), Physics (04), Chemistry (04) & Electrical Engineering (01)).

Industrial Projects :

Altogether there were nineteen (19) research projects handled by the various departments of DCE (namely Mechanical Engineering (09), Physics (04), Civil Engineering (02) Chemistry (01), Electronics (01) Information Technology (01), and Electrical Engg. (01)).

Consultancy :

It is also important to inform that there is a phenomenal growth in consultancy work under taken by the faculty members in DCE amounts to Rs. 338.5 lacs. In various discipline. (namely Civil Engg. (04), Mechanical Engg. (02), Electronics Engg. (01) and Information Technology (01)).

Seminar Organized :

02 international conferences organized by the following departments namely the Department of Civil Engg. & Mechanical Engg. There were 04 national level seminar organized by the following departments namely Physics 02, Chemistry 01 & Mechanical Engg. 01.

Other Achievements :

02 national awards were conferred upon faculty members of the department of Physics at DCE.

FUTURE GROWTH OF DCE CAMPUS:

During the 11th Five Year Plan the focus of development at Delhi College of Engineering, which is a primer institute of the country, will be to achieve self sufficiency in the area of –Power Generation i.e. electricity, Generation of safe drinking Water and Safe disposal of Liquid & Solid Waste.

The college would like to have its own plant for generation of electricity, generation of safe drinking water and disposal of liquid and solid waste. These three projects will work primarily as BOT Project (Built Operate and Transfer). These three projects will enhance – Resource generation of employment, Resources generation of academic inputs for students and faculty and finally resource generation of economic development.

After successful completion and progress of Phase – I, Delhi College will be able to extend its facility towards surrounding villages of Bawana adjoining the Institute.

The government has already approved a proposal for solid waste management. The details of BOT Project, about its execution, financial implication and modes operandi will be submitted to the government separately in due course of time. The above three BOT projects will be an example for other organization in our country; it will be primarily a need based project in the 21st century. The above conceptual projects are acceptable in Principal by the administration. The DPR (Detail Project Report) will be submitted in due course of time in consultancy with corporate sector to finalize the same as BOT projects.

DCE now aims at becoming a **WORLD CLASS KNOWLEDGE ENTERPRISE**. Therefore, we are creating a few centers of Excellence for our students and teachers to complete globally :

KNOWLEDGE PARK AT DCE

Delhi has all the opportunities to be developed as major knowledge hub in the country with its deep rooted tradition of quality education and research in science and

DCE CONVOCATION – 2006

technology. The present Concept Paper provides the broad framework for development of Delhi as a major knowledge hub in India.

The university together with its knowledge infrastructure significantly contributes to the development of knowledge enterprises. The knowledge hub has state-of-art connectivity and is networked with industries and R&D institutions. National and global networking is a part of the knowledge hub operational strategy. The focus of the knowledge hub is on the development of world-class human capital in the knowledge intensive areas of science and technology relevant to knowledge industry and knowledge based services in addition to the growth of world class relevant research and development. A knowledge hub is thus, the nucleus of both the cultivation of new knowledge as well as the Centre for Transformation of **Knowledge into Prosperity** through knowledge enterprise development. The knowledge hub thrives on its strength of scaling the new and emerging areas of technology and on its capabilities of integrating science and technology together for propelling the growth of knowledge industry. In this regard it is proposed to identify the following areas of interest for the Knowledge Park - Energy Sector, Telecom Sector, Infrastructure Engineering Sector, Information Technology Sector and Bio-and Nano-Technology Sector.

Very soon DCE will be organizing corporate meet with the above corporate people from different five sectors to get conceptual idea for the construction of Knowledge Park in DCE & its day to day functioning.

NETWORKING OF EDUSAT HUB AND STUDIO

Chief Minister have approved the proposal to set up EDUSAT Network at Delhi college of Engineering Complex, Bawana Road, Delhi. DCE, in collaboration with ISRO, is in the process of setting-up an EDUSAT HUB and STUDIO classroom for beaming expert lectures and extension programmes relating to Science, Engineering and Management in the class rooms of various engineering and management institutions in the NCR region. Two EDUSAT teaching studios are also proposed to set up 50 SITs (Satellite Interactive Terminals), out of which 10 will be provided free of cost by ISRO. The SITs are proposed to be set up in Government/private Degree level Technical Institutions and also in Government polytechnics. These facilities may be further extended to ITI's and school &

Private Management Institutions with Nodal Centre at DCE through EDUSAT Network on their request by setting up of ROTs (Receive only Terminals). It is expected that EDUSAT Network shall start functioning during the ensuing academic years 2007 – 2008.

INTEL PLANET LAB

The Delhi College of Engineering (DCE) has been selected by Intel Technology Pvt. Ltd. and ERNET to join Planet Lab Consortium, which already has one hundred fifty of the world's top universities and industrial research labs including MIT, Stanford, Princeton University, UC Berkeley, University of Washington, AT&T Labs, Cambridge University, France Telecom, HP, NEC Labs, as its members. In the present scenario, the Internet is highly vulnerable to multiple types of attacks, says Dr. M. Kulkarni, Head of IT and Computer Centre. DCE will use Planet Lab approach that integrates a new overlay network constituting of its own intelligent routers and servers on top of the Internet to add new features and services to include a security layer as a component of the present Internet technologies. This security layer would work for the individual node and can also act together with security layer of other nodes in unison to maintain the robustness of the network. Design and development of virtual nodes would be another innovative application. These virtual nodes would ensure that nodes are not dependent on the failure of their physical implementation. Another intelligent capability would involve the design of a protocol suite for wireless Internet with optimal features especially for voice and multimedia applications. All these applications are distributed in nature implying thereby that they run on many machines that are geographically distributed across the global Internet.

The Intel Planet Lab shall strengthen the research capabilities of the students in the cutting age areas of knowledge technologies of tomorrow'.

TIFAC CORE IN FIBER OPTICS AND OPTICAL COMMUNICATION

Today's liberalized economic world order is witnessing a silent competition for sustenance and excellence in almost every sector of economy. Focussing on such competition - both national and global levels, the Technology Information, Forecasting and Assesment Council(TIFAC) of the Department of Science and Technology(DST) launched Mission REACH (Relevance and Excellence in ACHieving new heights in educational institutions) in the year 2000 - a mission embedded in its technology vision

DCE CONVOCATION – 2006

2020. TIFAC is addressing the vision through an objective - driven approach by nurturing quality manpower in areas of high relevance to the Indian industry. Under the Mission REACH, institutions are being targeted for creating Centers of Relevance & Excellence (COREs). These TIFAC-COREs are mandated for excelling in focused areas. Through these centers, technology generation and skill up gradation of workforce is to be done on a continuous basis. Delhi College Of Engineering is one of the such centers in the area of Fiber Optics and Optical Communications. The activities of this TIFAC-CORE at DCE is supported by TIFAC/DST, Govt. of NCT of Delhi and partners from industries under Mission REACH Program, Technology Vision - 2020, Govt. of India. The Tifac Core at DCE is successfully functioning under Dr. R. K. Sinha, Dr. M. Kulkarni and Mr. N. S. Raghava.

INTRODUCTION OF NEW FACULTY NAMEDLY “FACULTY OF SYSTEM ENGINEERING”

The Delhi College of engineering is presently offering 10 UG Programmes, 11 PG Programmes with 25 full time scholarships leading to Ph.D. Degree under the Faculty of Technology, University of Delhi. The College has plans to increase its intake from existing 670 to 1100 in coming years. In 21st Century, the thrust is towards System Engineering which comprises of many disciplines and has an interdisciplinary approach for a product development. During my three successive visits to Japan in the years 1997, 1999 and 2003 to present research papers and acting as Chairperson in the International Conference namely ATEM (Advance Technology in Experimental Mechanics), I also had an opportunity to visit, Department of Opto-Mechatronic Wakayama University alongwith Prof. Y. Morimoto, HOD Opto-Mechatronics in the Faculty of System Engineering which is first of its kind in the whole world for practical application to develop a product from interdisciplinary approach. On a similar line, we have also proposed to start a Faculty of system Engineering under University of Delhi which will comprise of 5 UG programs with intake 60 each, 5 PG programs with intake 18 each and Ph.D. program 25 intake, making total intake as 415 in the area of Faculty of System Engineering. If the conceptual plan is approved by the administration, the detailed DPR to start with 5 disciplines will be submitted to the Govt.

DCE CAMPUS ACTIVITY

After taking over as principal, DCE since October 09, 2006 the following programmes were organized to bring harmony in the Campus among all sections of the people (Faculty, Staff & Students) living in the campus : Christmas Celebration on Dec. 25, 2006, Lohri Program Jan. 13, 2007 & 26th Jan. 2007 Republic Day. By taking care of the problems of faculty and staff had led to more peaceful and trustable working environment.

DCE PROFESSIONAL SOCIETIES

SEM- DCE CHAPTER

The Society for Experimental Mechanics- Delhi College of Engineering Chapter started in 1997 with only 11 students with the vision of providing young engineers an insight of task ahead of them and ten years down the road this chapter is one of the fastest growing and most active chapters not only in Delhi College of Engineering but also in India with over 75 members from DCE itself. This student chapter is unique in India and has been continuously working for the welfare of its members by organizing events throughout the year.

The year full of activities started with the annual event CICERONE an event that aims at introducing the first and second year students to Civil Engineering and the opportunities that this great profession offers was an overwhelming success. The event witnessed the presence of the eminent personality, expert in the field of Civil and Environmental Engineering. Next on the calendar was an Industrial trip to the Casting Yard and Concrete Batching Unit of Delhi Metro Rail Corporation. The pool of 65 students from the college was welcomed by Dr.R.Sharma (Head, Quality Control DMRC) and his team of experts and engineers and gave the students a practical demonstration of the in-house testing facilities. CIVIL 3D was an event sponsored by Autodesk that gave the students as well as teachers an insight of the most widely used software in Civil Engineering. OBELIX, where the students were asked to prepare concrete cubes as per their requirements by fixing the cement, water, aggregate ratio according to themselves. The concrete cubes were tested for their compressive strength. The year was capped off by INNOVA the annual technical fest of Department of Civil and Mechanical Engineering along with the association of Society for Automotive Engineers which is by far one of the biggest technical fest in the

DCE CONVOCATION – 2006

country. It had a variety of events from technical paper presentation to bridge making contest, boat making contest, robot wars, and junkyard challenge. It witnessed participation from over 100 colleges and proved to be a grand success.

SAE STUDENTS CHAPTER

SAE is one of the largest technical societies of the world, over the years it has become a forum for exchanging ideas for advancement of engineering of mobility systems in land, water, air & space. SAE DCE Chapter has been helping in organizing various seminars and lectures by eminent educators from all over the world over various technical issues. It had organized various workshops & is constantly looking for new opportunities to bridge the gap between curriculum & present industrial scenario. SAE DCE Chapter organized last year trips to TRTC Wazirpur, Maruti Udyog Ltd., NTPC, Auto expo to keep the students updated about latest technology. Apart from providing the technical know how & international exposure, it gives a chance for developing the overall personality of an individual. SAE DCE Chapter has been actively participating in international competition like Mini Baja, Super Mileage, Hybrid Vehicle, Formula Students Racing Car and many more events successfully bringing laurels to the college and the nations.

IEEE DCE Student Branch

The mission of IEEE DCE is to develop an active everlasting student community working under a common mission to empower its members to achieve their maximum potential and of extending that community with innovative management and quality services.

IEEE synopsis for the year 2006-07

Qualcomm Seminar: As a part of TECHWEEK 2006 IEEE DCE organized CDMA Seminar by one of the giants in the field named QUALCOMM.

Repertoire 2006: All India managerial fest organized in the month of November received huge participation from all over the country in both SPAVe and Panache.

Sun Tech Day: One day seminar organized by SUN Microsystems received participation from various engineering colleges. The main topic of seminar was **solaris OS**.

TROIKA 2007: One of the largest technical fest in India reached to greater heights this year with new events like Mercury, Fedora's Code. Troika reached new heights both in scale and magnitude.

SOCIETY OF PLASTICS ENGINEERS (SPE), USA

Students of Polymer Science & Chemical Technology have been granted a new international chapter of SPE with the initial membership of 67 students. The membership has increased within few months. The society helps its members with current magazines, important lecture notes, invitation to various national and international conferences, industrial visits, travel grants, concessions in registrations, global information, etc. SPE had conducted one international conference in Mumbai from Dec. 7 – 9, 2006 on "Recent Developments in Polymer Technology". Mr. S.G. Warkar, Lecture and two students of BE were sponsored by the college for the conference. Our faculty and students had great exposure to new developments in polymer technology. Another Industry-Institute Interaction Meet was held in DCE with cosponsorship with SPE. Experts from industry, R&D organization and academic institutions had fruitful interactions with our students.

COMPUTER SOCIETY OF INDIA, DCE CHAPTER

Computer Society of India, DCE Chapter is one of the largest student chapters in DCE and probably in the whole of Delhi. CSI-DCE boasts of over 300 members with students from various engineering backgrounds including Computers, IT, Electronics, Electrical and Production.

CSI-DCE Chapter also organizes its annual technical fest "PHOENIX" in the months of September-October. It features a plethora of popular and challenging events like lan-gaming, quizzing, ad making, programming, debates and elocutions etc. A seminar on "Career Planning" was given by TATA Consultancy Services. Such events are met with widespread interest and enthusiasm from students. This time as well "PHOENIX '06" has been a huge success with unprecedented participation from students of colleges spanning all of Delhi and NCR.

CSI-DCE chapter added another feather to its cap by being awarded the best student chapter of CSI in the Delhi region.

DCE CONVOCATION – 2006

The IET DCE Student Chapter (Formerly IEE U.K.)

The **IET DCE Student Chapter** has organized its technical fest **RENAISSANCE 07** during 18th- 22ndFeb,07 at Delhi College of Engineering. The participation of professional students from leading engineering institutions from all over the country and interactions with the experts from the industry and R&D organizations at **RENAISSANCE 2007** has provided ample opportunities to create desired synergy between the world of work and academia. The **RENAISSANCE 07** was inaugurated on 18th Feb.07 by **Hon'ble Minister of Finance and Planning, Dr. A. K. Walia, Govt. Of NCT of Delhi. The secretary Technical Education Dr. G. Narendra Kumar, Govt. of NCT of Delhi, has graced the occasion with his benign presence. The Principal, DCE, Prof. D. Goldar during his address briefed about the activities of IET DCE student chapter in Renaissance 07.**

RENAISSANCE'07 comprises of 5 events. Starting with **EMPRESA**, the GD and case interview event for testing the communication skills of upcoming entrepreneurs, followed by **TRIVIA** – industrial seminar for students where students were addressed by the pioneers of the industry like Rockwell Automation Pvt. Ltd. and Indo Asian Switchgear Ltd.; **MICROCON** - the 8085 programming contest; **PCAD** – PC assembly/disassembly workshop for deep insight into the working of the computer; **SYNCHRO** – the motor workshop which comprises of interactive session on motors including a mega contest.

Student Chapter of ISHRAE

Students Chapter of ISHRAE (Indian Society of Heating, Refrigeration & Air-conditioning Engineers) Society at DCE has started March 2007. At present there are seventy students have taken the members of this society. The objectives of this Students Chapter are to make an advancement of the arts and sciences of heating, air-conditioning and refrigeration engineering, and to educate the members and other interested persons in the said sciences through lectures, workshops, projects, product presentations and publications. The Chapter also provides career guidance and financial assistance through industrial sponsorship to encourage research among students in the area of Refrigeration and Air-conditioning. Recently, Mr. Richard Rooley, Ex-President of ASHRAE Society has delivered an awareness lecture regarding various refrigeration and air-conditioning activities at international level. The Chapter is planning to start various students

activities such as industrial visit, research paper presentation etc., in the next coming session.

DCE FESTIVAL WEEK - 2007

For the first time in the history of Delhi College of Engineering, a full week known as DCE Festival Week 2007 was celebrated, that marked the beginning of a new and innovative tradition – a tradition of bringing all types of technical as well as cultural activities under one umbrella. The Festival Week began on the **18th of February, 2007** with the inaugural ceremony that was presided by **Dr. A.K. Walia, Hon'ble Minister Govt. of NCT of Delhi**, as the Chief Guest and **Dr. G. Narendra Kumar, Secretary, TTE** as the Guest of Honour. The fest comprised of the following individual technical and cultural festivals –

- **Troika**, the annual technical festival of **IEEE** Student Chapter, DCE
- **Innova**, the annual technical festival of **SEM** Student Chapter, DCE
- **Renaissance**, the annual technical festival of **IET** Student Chapter, DCE
- **Tatva**, the annual technical festival of **SPECT** Student Chapter, DCE
- **Echo**, the annual cultural festival of **Madhurima** – The music society of DCE.
- **Engifest**, the annual cultural festival of Delhi College of Engineering.

In spite of all types of apprehensions about the smooth sailing of the function, the Festival Week turned out to be a grand success with the campus witnessing maximum crowd during the festival, over all these years. The exquisite blending of technical festivals taking place in the day time, and thereafter, being concluded by cultural programmes in the evening provided maximum satisfaction to one and all who attended the festival. On the other hand, eight long days of festival were also a huge test for the patience and perseverance on the part of the organizers, who managed to handle this task exceptionally well.

The Festival Week concluded with the Valediction Ceremony on the **25th of February, 2007** that was presided by **Sh. Oscar Fernandes, Hon'ble Minister, Govt. of India** as the Chief Guest and **Dr. G. Narendra Kumar, Secretary, TTE** as the Guest of Honour. The final hour was marked by a mind blowing performance by celebrity artistes **Bombay Rockers** who had flown all the way from Denmark to give their

DCE CONVOCATION – 2006

best to the massive crowd that was a witness to the grand new phenomenon – the DCE Festival Week 2007.

INNOVATIVE RESEARCH ACTIVITY BY STUDENTS OF DCE SOLAR CAR

Project 'Solaris,' for designing and development of SOLAR CAR, has been undertaken by the college under the guidance of Dr. Samsher, Assistant Professor, Department of Mechanical Engineering. The total cost of the project is about Rs. 30 lakhs and the fabrication cost (Rs. 13.82 lakhs) of the car has been sponsored by Ministry of New and Renewable Energy, Govt. of India.. The solar car will be participating in 'World Solar Challenge 2007' to be held in Australia in October 2007. The 11 member student team from different branches of engineering from the college is working in the project.

THE DCE HYBRID VEHICLE – FLEDGE

At Delhi College of engineering, India we have taken an initiative to drive out some futuristic solutions to the situation of energy crisis. Analyzing the need for alternative fuel technologies, we at DCE have conceptualized a unique drive-train mechanism that would be suitable for the Indian driving conditions. The innovative drive-train entails a lesser cost of manufacturing, a prime concern, and has fewer and simpler components contributing to the ease of operation and maintenance. The new drive-train concept was simulated using real time simulation and 3D modeling tools and thus was tested for commercial feasibility, in comparison to some of the currently running hybrid vehicles. Finally as the results were encouraging a hybrid car running on the same theory was successfully fabricated, leading to the birth of the next generation DCE Hybrid Vehicle, Fledge. The DCE Hybrid car participated overseas in the annual green Car Festival, TourdeSol Championship, USA and not only did it win the first place but also the hearts of millions.

FIRST GENERATION AUTONOMOUS UNDERWATER VEHICLE, (DCE-AUV)

The undergraduate students at the Deli College of Engineering, University of Delhi are in the process of finalizing their first generation Autonomous Underwater Vehicle, **DCE-AUV**, to compete in the AUVSI and ONR's 10th International Autonomous Underwater Vehicle competition. DCE-AUV is designed to operate underwater at depths up to 20 feet. The mission behavior of DCE-

AUV is controlled by a network of 12C modules. This system includes sensors, motor controllers, and other necessary peripherals. A single-board Pentium M based computer running the Windows XP professional operation system provides processing power for the vision system and advanced signal processing. In this paper, we describe all the aspects governing the design of **DCE-AUV**. We have discussed the electronic and processing hardware as well as the motivation for our electronic and mechanical design. We comment on vehicle control strategies and Vision system in brief.

UNMANNED AERIAL VEHICLE PROJECT

While India is yet to develop its own technology for stealth surveillance through unmanned aerial vehicles (UAV), Delhi College of Engineering (DCE) has developed a laboratory-level model, weighing 1.8 kg and capable of lifting 28 kg weight. With a light-weight carbon frame, the vehicle is equipped with surveillance cameras, wireless sensors and vision-processing software. It is capable of operating both on the ground and in air. The vehicle hardware and control systems, both developed in the college, enable the vehicle to travel to destinations specified by GPS waypoints, use artificial vision to locate and identify target buildings and conduct stealth surveillance. It is also equipped with obstacle-avoidance technology through SONAR sensors. The wireless network between the secondary vehicle and the base station has been tested successfully for a distance of 3.5 km, sending online pictures and information. The vehicle uses high-efficiency motors and electronics speed controllers. The model, prepared by a team of 10 DCE students at the cost of Rs 50 lakh, won the prestigious Most Innovative Design Award at the Grand International Robotics competition held at Georgia, USA on July 27 under the guidance of Dr. M.Kulkarni, Head, IT, Dr. Asok De, Principal, AIT and Dr. D.S. Nagesh.

BIO DIESEL RESEARCH

India, the interest in biodiesel has grown vividly during the last few years. Biodiesel from Mahua, Linseed, Rice Bran, waste cooking oil from the Mc Donalds, Crude Palm, Castor, Jatropha & Karanja have already been prepared and successfully tested in diesel engines & vehicles. The college has taken a lead in development of small capacity biodiesel reactors for the production of Biodiesel. Small capacity of reactors of 5 & 10 liters biodiesel were designed

DCE CONVOCATION – 2006

and developed two years back. The other one is a 50 liters batch size reactor designed and fabricated specifically for the rural operative conditions. The reactor being capable of producing 50 ltrs of Biodiesel in one cycle costs about 15,000 Rs, hence economically viable solution for making biodiesel for the replacement of the costly fossils in the rural areas.

SUPER MILEAGE VEHICLE

The Auto Industry around the world is focusing its innovation on improving fuel efficiency and on reducing the environment pollution. While fuel quality is important for reducing exhaust emissions, it is important to get maximum mileage per liter so that we are in a position to conserve the fast depleting fossil fuels. With the aim of improving fuel efficiency, 14 members student team of Delhi College of Engineering has designed and developed a super mileage vehicle to participate in the world wide super mileage vehicle competition organized by SAE International (Society of Automobile Engineers) at Marshall, Michigan, USA. This prestigious event has participation from universities from France, America, U.K. etc. Incidentally, Michigan is the home for auto industry and houses General Electric and Chrysler Corporation a world auto joints. This is the first time a team from India has participated in the world competition on innovative concept car. The super mileage vehicle developed by DCE students under the guidance of Prof. S. Mazi, is an innovatively designed concept car having a total weight of 55 kilograms. The vehicle is powered by 3.5 hp, 4stroke engine which has been suitably modified to reduce its capacity from 140c.c. to 60 c.c. so as to achieve approximately 150 kms. per litre.

In addition to the above other CAR Projects, the DEFIANZ RACING CAR and the ALL TERRAIN VEHICLE (MINI BAJA) projects of our students have won laurels to our institution.

NSS Activities in Delhi College of Engineering

National Service Scheme (NSS) was initiated in 1969, which aims at including the youth in the social welfare of the society. NSS is widespread all over India and is also very active in Delhi College of Engineering. NSS has been organizing blood donation camps in the college for the last seven years regularly. Delhi College of Engineering is among the largest blood donating institutions in the

University of Delhi. The latest blood donation camp that was organized in Delhi College of Engineering on February 8, 2007 witnessed 235 students, faculty and staff members who donated blood. A night school is also being run by volunteers of NSS in the college where mess and canteen workers, most of whom are illiterate are imparted basic education. Besides the above, volunteers are also initiating a drive for energy conservation by checking electricity wastage.

SPORTS ACTIVITIES

DCE students have participated in several tournaments in and outside Delhi. Our students have won a good number of basketball tournaments. In interdepartmental sports meet, the running trophy was awarded to students of Electronics and Communication Engg. Dept. DCE students have actively participated in tournaments of Carrom, Chess, Cricket, football, Table Tennis, Tennis, Volleyball and Athletics

SPIC MACAY

The association of SPIC MACAY with DCE has been wonderful. Its aim is to promote Indian Classical Music and Culture in the young generation. In the recently held SPIC MACAY fest'07 eminent personalities such as Pt. Dayashankar, famous shehnai player and Pt. Mukul Shivputra, famous vocalist visited DCE and enlightened the students with their performances.

LIBRARY

Delhi College of Engineering central library has established an institutional repository of research contributions of faculty members & students. The repository has full text research papers, student projects, and theses which can be viewed on internet through library web page.

DCE has also signed a MOU with C-DAC to participate in digital library of India Project. So far more than 400 rare books available at DCE library have been digitized and are available through digital library India Portal.

INTERACTION WITH THE ALUMNI

Recently, efforts have been made to strengthen relationship between DCE and its alumni at large. Principal along with faculty members and current students participated in the Annual General Body Meet of the Alumni held on Jan. 28, 2007 at FICCI Auditorium in which Dr. T.

DCE CONVOCATION – 2006

Subbarami Reddy, Hon'ble Minister of State for Mines was the Chief Guest. Principal invited the office bearers of the Alumni of DCE for a luncheon meeting in our campus on Dec. 2, 2007. The Alumni office bearers reciprocated inviting Principal and family and for a meeting over dinner on Dec. 8, 2006. The office bearers of the Alumni Association were cordially invited to attend the inauguration of annual Festival of DCE, which was held on March 18, 2007. The occasion was graced by Dr. A.K. Walia, Hon'ble Minister of Finance, Planning, Urban Development and PWD of the Govt. of Delhi as the Chief Guest. Sh. Oskar Fernanadis, Hon'ble Minister of State for Labour, Employment and Training, Govt. of India grace the occasion of the valedictory function of the Annual Festival held on March 25, 2007 as a Chief Guest.

Very recently Sh. Parmod Haque, who is ranked No. 1 Venture Capitalist in the World, and who is 1969 graduate of Electrical Engg. from DCE was introduced to the Principal along with Alumni Association of his bearers. Meaningful exchanges took place on the occasion and Sh. Parmod Haque expressed his keen interest to contribute to the growth of DCE in all possible ways. Members of the alumni also expressed keen interest for having their presence on the campus and helping their juniors who are currently the students of DCE, in all possible ways including their welfare and placements.

COLLABORATION WITH UNIVERSITIES FROM ABROAD

Since October 2006, DCE has taken lead in signing MOU with the following Institutions for academic Co-operation/Collaboration with faculty and students:
University of Utah, USA,
University of Technology (UTS) Sydney, Australia and
TCS (IT), India.

Many distinguished faculty from abroad visited DCE since October 2006. To name a few Dr. Richard H. Rooley, FREng., Presidential Member of American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. came to our college for establishing students chapters of ASHRAE at DCE.

Dr. David Harvey, President and Dr. Darren Byrne, Manager, Membership & Qualifications of The Institution of Structural Engineers, International HQ came to DCE for providing valuable talk with ME Civil (Structural Engg) students with faculty.

Distinguished Alumni who are progressing brilliantly in US Universities include Dr. Bhuvnesh C. Goswami, Alumni and Distinguished Professor of Textiles in School of Material Science & Engineering of Clemson university and Dr. D. Yogi Goswami, John and Naida Ramil Professor of University of south Florida wanted to make further relationship with DCE by providing 1959 Scholarship, research Collaboration etc.

Another Alumni Dr. Rajesh K. Soin, Chairman & CEO of SOIN International & Mr. Sandeep Singh, AVP-Supply Chain Services of CORBUS came to DCE for providing funds to start an MBA programme and also Two scholarships for pursuing MBA programme at Raj Soin School of Management in Wright University, USA.

To establish IET student's chapter Dr. S. P. Chowdhury, Member of the IET (UK) & Regional Board and MRB Finance Committee of The Institution of Engineering and Technology (IET) from UK came to deliver fruitful talk with faculty & students of Electrical Engineering department.

YANMAR CO. Ltd from Japan also wanted to get MOU and the following dignitaries Dr. Nobuyoshi Fujita, Chief Manager, corporate Communications Dept., Dr. Makoto Yuri, Senior Manager, Bioenergy business Development Group Environmental Business Development Dept., Dr. EE Hong CH'NG, Bioenergy Business Development Group Environmental Business Development Dept. & Dr. V. G. Sankar, National Manager and Dr. Takashi Ono, Chief Representative officer of YANMAR CO. LTD. visited DCE to establish testing of their product at DCE with funding from YANMAR.

M/s NISSAN Motor India Private Limited took a lot of interest for research in Automobile Engineering at DCE. In this regard Dr. Francois Bancon, General Manager, Exploratory and Advanced Product Department Product Strategy and Product Planning Division, Dr. Youichi Iwamoto, Senior Manager, Exploratory and Advanced Product Department Product Strategy and Product Planning Division of Nissan Motor CO. LTD. and Dr. Niki V. Desai, Manager, Marketing & Sales of NISSAN MOTOR India Private Limited were the distinguished guests.

Dignitaries from Yuan ZE University included Dr. Sy-Ming Guu, Dean of Management College, Dr. Shawn D. Lin, Associate Professor, Dr. Ching-Pu Chen, Director Academic Exchange Affairs Section & Associate Professor, Dept of Information Management, Dr. Kuen-Song Lin, Director of Environmental Technology Research Center & Assistant Professor, Dept of Chemical Engineering &

DCE CONVOCATION – 2006

Material Science, Dr. Yi-Ming Sun, Dean of Research and Development & Professor, Dept Chemical Engineering and Material Science of Graduate School of Biotechnology and Bioinformatics & Mr. Lotus Hsu, Assistant, Office of Academic Affairs came to present the activities of the university to our students & faculty for future MOU with DCE.

Dr. David W. Leebron, President of Rice University, USA along with Dr. Kevin J. Foyle, CFRE, Senior Director of Development & Dr. Sallie Keller-McNulty, William and Stephanie Sick Dean of Engineering, Professor of Statistics George R. Brown School of Engineering came to meet the Principal, DCE with Prof. Y V S R Sastry (Retired) to discuss future collaboration and shown keen interest in various projects of DCE.

Prof. Tamal Bose, Department Head & Professor of Utah State University along with Prof. Eddie Loo, Director of Online Education, Prof. Chris Fawson, Associate Dean for International Affairs and Professor of Economics College of Business, Prof. Scott E. Budge, Associate Professor and Director of Graduate Studies & Prof. Chris Fawson, Associate Dean for International Affairs and Professor of Economics College of Business visited our college to discuss & present through seminar with faculty and students of DCE.

Prof. Julia King, CBE FREng, Vice Chancellor of ASTON University, UK, came with Ms. Seema Malhotra, Representative of UK Universities to discuss with the Principal, DCE over lunch and present the details of ASTON University before faculty and students and with future MOU with DCE.

Dr. William R. Smith, Founder Dean of Science, University of Ontario Institute of Technology (UOIT) along with Dr. Ryan O'Grady, Director, External Relations and Mr. Nageen Sharma, Council on Innovation and Managing Director, Alliances who is also Alumni of DCE (BE '81 Elect. Engg) gave a very interesting seminar at the Mechanical Engg. Dept. and discussed for future MOU.

A very big delegation of faculty (7) and students (14) from Korea visited DCE to give seminar on their university and participated in discussions with students and faculty. The faculty included Prof. Hyungil Jung, Assistant Professor, Dept of Biotechnology College of Engineering, Dr. Chang-Ha Lee, Associate Dean, College of Engineering, Dr. Moon Kyum Kim, Dean, College of Engineering, Chief Director, Yonsei Engineering Research Complex, Professor, School of Civil and Environmental

Engineering, Dr. Sang-Kook Han, Professor, Associate Dean, College of Engineering, School of Electrical & Electronic Engineering, Dr. Young-Kook Lee, Associate Professor, Department of Metallurgical Engineering, College of Engineering and Dr. Heoung-Jae Chun, Professor, School of Mechanical Engineering from YONSEI University, Korea.

There were two faculty, Dr. Hahn, Hee Il, Professor, Computer Science and Information Communications Engineering Division & Dr. Lee, Eun Gu, Head, Professor, Bricks Interdisciplinary Program and Professor, Department of Indian Studies from another Korean University who gave valuable presentation of the Hankuk University of Foreign Studies where medium of instruction is English to attract the students of DCE.

In the begin of October 2007 Dr. Eugene G. Arthurs, Executive Director of SPIE, The International Society for Optical Engineering along with Dr. Vasudevan Lakshminarayanan, Professor, Optometry, Physics and Electrical Engineering of University of Waterloo came to visit TIFAC core of Optical Communications to discuss with students of the SPIE chapter at DCE with faculty advise.

A group of dignitaries from USA that included Dr. George H. Atkinson, Science and Technology Adviser to the Secretary of State and Dr. Edward T. Samulski, Jefferson Science Fellow, Office of the Science and Technology Adviser to the Secretary and Bureau of East Asian and Pacific Affairs, Dr. Pejman Naraghi-Arani, Deputy Group Leader-Assays and Virology Biosciences and Biotechnology Division (BBTD) Chemistry, Materials and Life Sciences, Dr. Anish Goel, Regional Science & Economics Officer Bureau of South and Central Asian Affairs and Dr. Satish V. Kulkarni, Embassy of the United States of America and Counselor for Science, Technology, Environment and Health Affairs visited DCE to show their keen interest in the field of Science & Technology at DCE.

Let me finish by reminding you that you are the new generation professionals equipped with immense capabilities. Therefore, I pray that all of you excel in your profession and achieve perfection through your worship of work.

Thank you young graduands, ladies and gentlemen.

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Ph.D. RECIPIENTS

1. Shamama Ahmed
2. Deeksha Katyal
3. Ajay Kumar Sinha
4. Madhusudan Singh
5. Alka Mahajan
6. Kapila Mittal
7. Deepa Sinha
8. Surjit Kumar Sharma
9. Vijay Kumar Minocha

DCE CONVOCATION – 2006

DEGREE RECIPIENTS

(YEAR 2004-2005)

MASTER OF ENGINEERING

COMPUTER TECHNOLOGY & APPLICATIONS

- | | |
|-------------------------|-------------------------|
| 1. Sukhpal Singh Arya | 21. Simmi Dutta |
| 2. Rameshwar Lal | 22. Manu Agarwal |
| 3. Deepak Kumar | 23. Payal Singla |
| 4. Raj Krishan | 24. Sunil Kumar Singh |
| 5. Rajeev Srivastava | 25. Ravi Shanker Prasad |
| 6. Vikas Dahiya | 26. Ashish Bhawsar |
| 7. Vikas Singhal | 27. Sajeev Kr. Upadhaya |
| 8. Manju Sharma | 28. Chandan Singh |
| 9. Rakesh Kr. Gera | 29. Pawan |
| 10. Shakshi Singhal | 30. Girish Kumar Sharma |
| 11. Dinesh Chandra | 31. Navneet Rai |
| 12. Devasheesh Banarjee | 32. Amit Khanchi |
| 13. Kamal Narayan Rawat | 33. Sunita Verma |
| 14. Towfik Jamal Ali | 34. Sharda Singhai |
| 15. Deepak Mittal | 35. Kumkum Bagchi |
| 16. Yitagessu Birhanu | 36. Milan Saxena |
| 17. Jai Prakash | 37. Vimal Agarwal |
| 18. Man Mohan | 38. Geeta Gupta |
| 19. Sanjay Kumar Sharma | 39. Rajeev Kumar |
| 20. Piyush Kumar Makkar | |

ELECTRONICS & COMMUNICATION ENGINEERING

- | | |
|---------------------|----------------------|
| 1. Malika Jain | 9. Pramod Kumar |
| 2. Ajay Pal Singh | 10. Richa Joshi |
| 3. Veepsa Bhatia | 11. Sachin Tyagi |
| 4. Abhilasha Gokhle | 12. Diesh Kr. Raheja |
| 5. Manoj K. N. | 13. Rashmi Gupta |
| 6. Sanjib Deka | 14. Sonia Mallik |
| 7. G. Senthil Kumar | 15. Manoj Meena |
| 8. Himanshu Garg | |

DCE CONVOCATION – 2006

MECHANICAL ENGINEERING

- | | |
|---------------------------|-------------------------|
| 1. Chandra Shekhar Tiwari | 9. Muruga Chandra Kr. P |
| 2. Ved Nath Mathur | 10. Ravi Mittal |
| 3. Suresh Kumar | 11. Krishan Kr. Dwivedi |
| 4. Ashish Karnwal | 12. Neeraj Mallik |
| 5. Ajit Kr. Parwani | 13. Atul Sidola |
| 6. Ftini Yohanees Hagos | 14. Amit Kr. Gupta |
| 7. S. Athimoola Krishnan | 15. Sanjay Kumar |
| 8. Pratap Singh Chauhan | 16. Ashok Kumar |

POLYMER TECHNOLOGY

- | | |
|-------------------|--------------------------|
| 1. Manoj Kumar | 7. Rajesh Kr. Chaudhary |
| 2. Nymphy Dhar | 8. Reetesh Kumar |
| 3. Sanjay Bali | 9. Vikas Singh Shishodia |
| 4. Abhishek Kumar | 10. S. Chandra Mohan |
| 5. Anju Bajaj | 11. M. Jayakrishna |
| 6. Hitesh Swami | |

COMPUTER TECHNOLOGY & APPLICATIONS

- | | |
|-------------------------|----------------------------|
| 1. Narender Kr. Yadav | 14. Inderjit Kumar |
| 2. Amit Dutt | 15. A.V.S.R. Raghu Ram |
| 3. Ahmer Hayat | 16. Deepak Kumar |
| 4. Sanjeev Kumar | 17. V. V. Ramasatyavani |
| 5. Sonal Goyal | 18. Jagadeesh Bhangari |
| 6. Pankaj | 19. Jay Chandra Khandelwal |
| 7. Jatin Narula | 20. Phurailatpam Supriya |
| 8. Bhasker Sengar | 21. Vivekanand Sharma |
| 9. Mehenda Kr. Verma | 22. Deepak Lakhanpal |
| 10. Abani Kr. Satapathi | 23. Misha Sinha |
| 11. Sanjib Moharana | 24. Dilip Kumar |
| 12. Vipin Kr. Tyagi | 25. Suchitra Rani Gautam |
| 13. Aman Gupta | 26. Radhey Shyam Saini |

MECHANICAL ENGINEERING

- | | |
|------------------------|------------------------|
| 1. Zelalam Girma Giday | 4. Roma Raina |
| 2. Sandeep Sharma | 5. Rajiv Agarwal |
| 3. Shweta Sharma | 6. Satvir Singh Deswal |

APPLIED PHYSICS

- | | |
|-------------------|---------------|
| 1. Surbhi Agarwal | 2. Ekta Banga |
|-------------------|---------------|

DCE CONVOCATION – 2006

**BACHELOR OF ENGINEERING (YEAR 2005-2006)
MECHANICAL ENGINEERING**

- | | |
|--------------------------|------------------------------|
| 1. Aabhay Kumar | 21. Bharat Garg |
| 2. Achal Singhal | 22. Chetan Chanana |
| 3. Ajay Prakash | 23. Chirag Sharma |
| 4. Amar Singh | 24. Deepak Singh |
| 5. Amit James | 25. Devender Singh |
| 6. Amit Kaushik | 26. Gaurav Arora |
| 7. Ankit Garg | 27. Gaurav Mukhija |
| 8. Ankur Sharma | 28. Gautam Motwani |
| 9. Anshuman Gupta | 29. Harmandeep Singh Dhillon |
| 10. Anuj Rastogi | 30. Harsh Kr. Arora |
| 11. Anurag Verma | 31. Himanshu |
| 12. Aritra Basu | 32. Himanshu Garg |
| 13. Arnab Shandilya | 33. Jatin Garg |
| 14. Arun Gupta | 34. Karan Ahuja |
| 15. Arun Kanojia | 35. Karthik Subramanian |
| 16. Arvind Chhikara | 36. Lalit Kureel |
| 17. Ashish Bansal | 37. M. Govind Raj |
| 18. Ashish Chandra | 38. Mahim Mongia |
| 19. Ashish Jain | 39. Manu Airan |
| 20. Atul Sohal | 40. Manu Shrivastava |
| 41. Mayank Khurana | 57. Sankalp Singh |
| 42. Mayank Minglani | 58. Saurabh |
| 43. Mukesh Kumar Dhaniya | 59. Saurabh Kumar |
| 44. Nishal Jhingan | 60. Saurabh Singh |
| 45. Nitin Agarwal | 61. Shams Tabrez |
| 46. Peeyush Gupta | 62. Siddarta Gupta |
| 47. Prafful Goel | 63. Sumeet Jain |
| 48. Rahul Garg | 64. Sumit Chaudhary |
| 49. Rajat Gupta | 65. Tarun Das |
| 50. Rajesh Kumar | 66. Vaibhav Agarwal |
| 51. Rishi Suri | 67. Varun |
| 52. Rahit Kaul | 68. Varun Kapoor |
| 53. Rahit Raj | 69. Vashistha Maheshwari |
| 54. Sameer Agarwal | 70. Vikas Joshi |
| 55. Sanjay Singh | 71. Yuvraj Sikriwal |
| 56. Sanjay Singh | |

DCE CONVOCATION – 2006

PRODUCTION & INDUSTRIAL ENGINEERING

- | | |
|-----------------------|--------------------|
| 1. Ankur Maheshwari | 13. Nikhil Sood |
| 2. Anubhav Kansal | 14. Nitin Jain |
| 3. Arpan Aggarwal | 15. Raghav Kumar |
| 4. Ashish Gulati | 16. Rajjeet Kadian |
| 5. Ashish Jain | 17. Ritesh Kalra |
| 6. Dharendra Kumar | 18. Rohit Pandya |
| 7. Heman J. Rao | 19. Satyam Mishra |
| 8. Jaspreet Singh | 20. Saurabh Bhatia |
| 9. Kumar Gaurav Gupta | 21. Sunil Kumar |
| 10. Midit Kumar | 22. Varun Gupta |
| 11. Mukesh Bhaskar | 23. Vidhi Chawla |
| 12. Naveen Goyal | |

ENVIRONMENTAL ENGINEERING

- | | |
|-----------------------|---------------------|
| 1. Amit Gupta | 10. Pragati Anand |
| 2. Amit Maindola | 11. Pranav Kathuria |
| 3. Bhawna Bakshi | 12. Priyanka Anand |
| 4. Chetan Agarwal | 13. Priyanka Gupta |
| 5. Gaurav Chugh | 14. Pushkin Gupta |
| 6. Gaurav Gupta | 15. Ruchi Gupta |
| 7. Kartikay | 16. Smiti Kumar |
| 8. Komia Bhatti | 17. Vikas Kaushal |
| 9. Maria Micheal Lall | 19. Yashu Dani |

CIVIL ENGINEERING

- | | |
|------------------------|---------------------------|
| 1. Abhinav Mahajan | 18. Ravi Maheshwari |
| 2. Ajay Varshney | 19. Rejoice Lakra |
| 3. Ashpica Chhabra | 20. Samrinder S. Nehria |
| 4. Chetan Sharma | 21. Shilpa Rastogi |
| 5. Devendra Chaturvedi | 22. Shobhit Agarwal |
| 6. Divay Malhotra | 23. Shouvik Ray Choudhury |
| 7. Gaurav Jaitak | 24. Somnath Das |
| 8. Gaurav Kaushal | 25. Sumit Jain |
| 9. Gopal Sharma | 26. Sunil Kumar |
| 10. Joginder Singh | 27. Surakshit Khullar |
| 11. Mudit Narain | 28. T. Ananth Vybhav |
| 12. Neha Gidwani | 29. Tanmaya Kala |
| 13. Nikil Kumar Yadav | 30. Varun Aggarwal |
| 14. Nitin Baraskar | 31. Vineet Jain |
| 15. Panzika Baweja | 32. Vineet Kumar |
| 16. Prashant Sharma | 33. Vivek Kumar |
| 17. Prashant Shukla | 34. Shashank Singh |

DCE CONVOCATION – 2006

POLYMER SCIENCE & CHEMICAL TECHNOLOGY

- | | |
|---------------------------|-------------------------|
| 1. Aashish Sood | 11. Nidhi Bansal |
| 2. Aishwarya Parthasarthy | 12. Pritish Singh |
| 3. Amandeep Grover | 13. Priyanka Srivastava |
| 4. Deepak Agarwal | 14. Rohit George |
| 5. Divya Garg | 15. Sanjay Mohta |
| 6. Gaurav Sharma | 16. Shravan Kumar Singh |
| 7. Karan Banga | 17. Sumit Arora |
| 8. Kumar Manish Chandra | 18. Sushant Gupta |
| 9. Mohit Lohani | 19. Tarun Falodia |
| 10. Neetu Chopra | 20. Yatishwar Anand |

COMPUTER ENGINEERING

- | | |
|----------------------------|--------------------------|
| 1. Abhishek Gupta | 22. Naveen Gaur |
| 2. Aditya Kumar | 23. Neelabh Saxena |
| 3. Akshant Goyal | 24. Parag Mehra |
| 4. Aman Aggarwal | 25. Piyush Srivastava |
| 5. Amit Dhingra | 26. Prasanjit Mandal |
| 6. Amit Godara | 27. Reena Agarwal (W) |
| 7. Amitoj Singh | 28. Rohit Chadda |
| 8. Amrit Pal Singh Dhillon | 29. Rohit Varshney |
| 9. Anuj Dangri | 30. Sameer Kumar Pradhan |
| 10. Anurag Goel | 31. Samrat Rahi |
| 11. Ashish Kumar Saini | 32. Sanchit Bhatia |
| 12. Atul Mehra | 33. Saurabh Ohri |
| 13. Avdhesh Kumar Varun | 34. Shashi Prakash |
| 14. Gaurav Sharma | 35. Shikha Kochhar |
| 15. Harmandeep Singh | 36. Shobhit Gupta |
| 16. Hitesh Gupta | 37. Suvir Garkel |
| 17. K. Vamsikrishna | 38. Tanuj Khurana |
| 18. Kanika Dalmia (W) | 39. Tushar Ranka |
| 19. Manan Chandra | 40. Vaneet Chadha |
| 20. Manhar P. Aggarwal | 41. Vikas Bansal |
| 21. Maskara Prashant | 42. Vikash Sangal |

DCE CONVOCATION – 2006

ELECTRONIC & COMMUNICATION ENGINEERING

1. Abhinav Mittal
2. Abhishek Saha
3. Ajay Kumar
4. Alok Sethi
5. Amit Goel
6. Amit Gupta
7. Amit Tyagi
8. Amritanshu Shekhar
9. Ankit Aggarwal
10. Ankit Jain
11. Ankur Shanker
12. Anuj Khanna
13. Arant Agrawal
14. Ashutosh Ashish
15. Charul Bhan
16. Dhruv Laroia
17. Disha Chhabra
18. Epsit Mandal
19. Gaurav Agarwal
20. Harendra Pandey
21. Heemendra Singh
22. Hemant Badhani
23. Himanshu Gupta
24. Jasdeep Aurora
25. Jatin Kumar
26. Kumar Gaurav
27. Maitreyi Roy
28. Manan Kathuria
29. Manasa Chalasani
30. Manish
31. Mayank Dhingra
32. Mayank Kaushik
33. Mohit Gupta
34. Naveen Nathani
35. Neetu Pangtey (W)
36. Nikhil Bhiwapurkar
37. Nikhilesh Chawla
38. Nupur Sagar
39. Pankaj Banoriya
40. Pankaj Pal
41. Prasanna Santhanam
42. Pratichi Sharan
43. Pratima
44. Pravesh Bansal
45. Puneet Gandhi
46. Rahul Prasad
47. Rahul Shah
48. Rajeev
49. Akshay Gandotra
50. Rakesh Pratap Singh
51. Rohit Bhagat
2. Rupesh Kumar
53. S. Durga
54. Sahil Sansi
55. Sameer Mehta
56. Sameer Poddar
57. Sandeep Atal
58. Saurabh Pathak
59. Sharath Rao
60. Shobhit Narula
61. Siddharth Gaba
62. Somya Goel
63. Sudhanshu Khanna
64. Sumit Shangari
65. Sunit Kumar Bansal
66. Vaibhav Mathur
67. Varun Mehta
68. Varun Sehgal
69. Vijay Prakash Yadava
70. Vikas Kumar
71. Vipin Bansal
72. Vishwa Ranjan
73. Vivek Garg
74. Yashika Singhal

DCE CONVOCATION – 2006

ELECTRICAL ENGINEERING

- | | |
|-----------------------------------|---------------------------|
| 1. Abhishek Srivastav | 28. Mohit Singh |
| 2. Achint Prabhat | 29. Navneet Kumar |
| 3. Aditya Khanna | 30. Nikita Tamta |
| 4. Aditya Pyasi | 31. Nishant Kumar Singhal |
| 5. Aman Trehan | 32. Pooja Kumari |
| 6. Amit Gupta S/o. Sh. S.N. Gupta | 33. Prabodh Mitra |
| 7. Amit Gupta S/o. K.M. Gupta | 34. Pranesh Nagarajan |
| 8. Amit Kumar Ahuja | 35. Puneet Aggarwal |
| 9. Ankit Raheja | 36. Raghav Sehgal |
| 10. Anoop Lamba | 37. Ravi Seth |
| 11. Anshul Gupta | 38. Rohit Joshi |
| 12. Anubhav Pande | 39. Rohit Monga |
| 13. Anuj Prakash | 40. Sachin Sachdeva |
| 14. Ashish Kapoor | 41. Sarvadaman |
| 15. Ashish Kathuria | 42. Shikha Khetrpal |
| 16. Ashish Nijhara | 43. Shivani Kalia |
| 17. Chaitali Roy | 44. Shubham Gupta |
| 18. Chaudhary Rajneesh Singh | 45. Sonia Sankhla |
| 19. Devinder Kumar | 46. Sonia Singh |
| 20. Divesh Kumar *** | 47. Suhail Sameer |
| 21. Gaurav Punia | 48. Suraj Agarwal |
| 22. Gunjan Gupta | 49. Swati Gupta |
| 23. Hitesh Kr. Sakkerwal | 50. Vaibhav Saxena |
| 24. Jatin Pahuja | 51. Varun Alagh |
| 25. Kush Jeevan Deep | 52. Vivek Gupta |
| 26. Maniish Shukla | 53. Yenupuri Goutam |
| 27. Mayank Sharma | |

DCE CONVOCATION – 2006

**B. TECH MECHANICAL ENGINEERING
2001-2005**

- | | |
|--------------------------|---------------------------|
| 1. Amit Gupta | 14. Rahul Kumar |
| 2. Amit Kumar | 15. Rajeev Kumar Sawal |
| 3. Anoop Gupta | 16. Rajeev Sharma |
| 4. Bhaskar Chandra | 17. Rajesh Kumar |
| 5. Harish Joshi | 18. Rakesh Kumar |
| 6. Hem Kumar | 19. Sanjeev Kumar |
| 7. Jagatar Singh | 20. Sanjeev Kumar Ahuja |
| 8. Navneet Kumar Agarwal | 21. Shailendra Kumar Gaur |
| 9. Kulshreshth Sharma | 22. Sravan Kumar |
| 10. Nishant Kumar Singh | 23. Sunil Gupta |
| 11. Pravinder Singh | 24. Sunmeet Singh |
| 12. Pradeep KUMar Gupta | 25. Tarun Tyagi |
| 13. Prem Singh | |

EX-STUDENTS

- | | |
|-----------------------|-----------------------|
| 1. Rajveer Singh | 5. Md. Rizwan |
| 2. Puneet Kaushik | 6. Satbir Singh |
| 3. Pawan Kumar Sharma | 7. Manoj Kumar |
| 4. Mahendra Kumar | 8. Raminder Pal Singh |

**B. TECH ELECTRICAL ENGINEERING
2001-2005**

- | | |
|-------------------------|----------------------|
| 1. Ajay Kumar Dhanuka | 10. Mohd. Azeem |
| 2. Ashish Kumar | 11. Naveen Kumar |
| 3. Brahm Pal | 12. Naveen Rastogi |
| 4. Deepak Mehdiratta | 13. Rajesh |
| 5. Deepesh Kumar Rohila | 14. Shyam Singh |
| 6. Himanshu Sharma | 15. Sumit Kumar |
| 7. Kailash Chand | 16. Upendra Kumar |
| 8. Karan Singh | 17. Ravi Kumar Verma |
| 9. Lingam Sridhar | |

EX-STUDENTS

- | | |
|----------------------------|----------------|
| 1. Nand Kishore | 5. Vijay Singh |
| 2. Indra Bhanu Singh | 6. Rohit Sood |
| 3. Amit Kumar Rana | 7. Ravi Kumar |
| 4. Rajesh Kumar Srivastava | |

DCE CONVOCATION – 2006

**B. TECH ELECTRONICS & COMMUNICATION
2001-2005**

- | | |
|----------------------|-------------------------|
| 1. Aarti Jain | 11. Rajendra Kumar |
| 2. Akhlinder Krishna | 12. Rajesh Chhikara |
| 3. Amit Kumar | 13. Seva Nand Singh |
| 4. Ankit Kumar Garg | 14. Sudhi J. R. |
| 5. Anup Guha | 15. Sudhir Kumar Pathak |
| 6. Arun Kumar Garg | 16. Tanima Ghosh |
| 7. Indra Sharma | 17. Tarun Kumar |
| 8. Manoj Panwar | 18. Vikas Kumar |
| 9. Minakshi Rani | 19. Vinita |
| 10. Pratap Singh | |

EX-STUDENTS

- | | |
|----------------------------|-----------------------|
| 1. K. J. Dharmeshwar | 5. Krishan Kant Sagar |
| 2. Umendra Bohat | 6. Lokesh Gandhi |
| 3. Saba-Us-Salam | 7. Rajendra Nath Dutt |
| 4. Sanjeev Narain Vashisht | 8. Jai Raj Singh |

**B. TECH CIVIL ENGINEERING
2001-2005**

- | | |
|-----------------------------|------------------------|
| 1. Anuraj Manohar Kankerwal | 8. Mohd. Shahid |
| 2. Ashwani Kumar Kashyap | 9. Neeraj Kumar Mathur |
| 3. Avadhesh Kumar Sharma | 10. Sanjeev Vashisht |
| 4. Jeetendra Kumar | 11. Shiv Kumar |
| 5. Karam Pal | 12. Zakir Hussain |
| 6. Kunal Tank | 13. Ziaul Haque |
| 7. Md. Sharique Kamal | 14. Girish Dhyani |

EX-STUDENTS

1. Vishal Kumar Tyagi

MEDALS & PRIZES



ABHISHEK CHATTERJEE
BE (Environmental Engg.)
2005 – 2006

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



SHRUTI DHINGRA
BE (Electronics &
Comm. Engg.)
2005 – 2006

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



RRITESH SHARMA
B.Tech.
2005 – 2006

PRINCIPAL'S GOLD MEDAL

Awarded to the best student of the Part Time College on the basis of his overall performance

DCE CONVOCATION – 2006



APRITA GUPTA
BE (Computer Engg.)
2005 – 2006

IEEE DR. P. KUNDU GOLD MEDAL

Awarded to the best performing final year students in Industrial Practical Training In Computer Engg./Electrical Engg./Electronics & Comm.



SAURABH CHOUDHARY
BE (Electrical Engg.)
2005 – 2006

IEEE DR. P. KUNDU GOLD MEDAL

Awarded to the best performing final year students in Industrial Practical Training In Computer Engg./Electrical Engg./Electronics & Comm.



RITESH UJJWAL
BE (Electronics &
Comm.)
2005 – 2006

IEEE DR. P. KUNDU GOLD MEDAL

Awarded to the best performing final year students in Industrial Practical Training In Computer Engg./Electrical Engg./Electronics & Comm.

DCE CONVOCATION – 2006



MANISH GOEL
BE (Electrical Engg.)
2005 – 2006

DR. S.P. LUTHRA MEMORIAL GOLD MEDAL

Awarded to the top ranking final years student of Electrical/
Mechanical Engineering
On the basis of performance upto VIII Semester



SHRUTI DHINGRA
BE (Electronics &
Comm. Engg.)
2005 – 2006

**SMT. JASGDAMBA DEVI SHUKLA
MEMORIAL GOLD MEDAL**

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



ABHISHEK CHATTERJEE
BE (Environmental Engg.)
2005 – 2006

**PANDIT CHUNNI LAL SHUKLA MEMORIAL
GOLD MEDAL**

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

DCE CONVOCATION – 2006



Kaustubh Nehete
BE (Engineering Drawing)
2005 – 2006

ROHIT LAKHANI MEMORIAL GOLD MEDAL

Awarded to the best performance in Engineering Drawing topper in 1st Sem. & aggregate topper in 1st Sem.



JYOTIKA
BE (Engineering Drawing)
2005 – 2006 (Joint)

ROHIT LAKHANI MEMORIAL GOLD MEDAL

Awarded to the best performance in Engineering Drawing topper in 1st Sem. & aggregate topper in 1st Sem.



PIYUSH ARORA
BE (Engineering Drawing)
2005 – 2006

ROHIT LAKHANI MEMORIAL GOLD MEDAL

Awarded to the best performance in Engineering Drawing topper in 1st Sem. & aggregate topper in 1st Sem.

DCE CONVOCATION – 2006



ANUJ JAIN
BE (Civil Engineering)
2005 – 2006

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



PRAMOD KUMAR
ME (Applied Physics)
2005 – 2006

DR. V.P. BHATNAGAR GOLD MEDAL

Awarded to the best performance for P.G. Programme in M.Sc. (Applied Physics)/ M.E. Courses



SHRUTI DHINGRA
BE (Electronics &
Comm. Engg.)
2005 – 2006

DCE ALUMNI GOLD MEDAL

Awarded to the topper of B.E. (Electronics & Communication) of DCE

DCE CONVOCATION – 2006



ANUJ JAIN
BE (Civil Engg.)
2003 – 2004

SEM DCE PROF. D. GOLDAR GOLD MEDAL

Awarded to outstanding performers of BE (Civil Engg.)
& (Electronics & Comm. Engg.)



GURKARAN SINGH BUXI
BE (Civil Engg.)
2005 – 2006

SEM DCE PROF. D. GOLDAR GOLD MEDAL

Awarded to outstanding performers of BE (Civil Engg.)
& (Electronics & Comm. Engg.)



SAMEER AHMED
BE (Electronics & Comm.)
2005 – 2006

SEM DCE PROF. D. GOLDAR GOLD MEDAL

Awarded to outstanding performers of BE (Civil Engg.)
& (Electronics & Comm. Engg.)

DCE CONVOCATION – 2006



SHRUTI DHINGRA
BE (Electronics & Comm. Engg.)
2005 – 2006

**RADHE SHYAM GOEL MEMORIAL PRIZE
CASH PRIZE RS. 500/- EACH**

Awarded to the best performer in BE (Electrical Engg.)
& (Electronics & Comm. Engg.)



MANISH GOEL
BE (Electrical Engg.)
2005 – 2006

**RADHE SHYAM GOEL MEMORIAL PRIZE
CASH PRIZE RS. 500/- EACH**

Awarded to the best performer in BE (Electrical Engg.)
& (Electronics & Comm. Engg.)



VAIBHAV GUPTA
BE (Electrical Engg.)
2005 – 2006
(First Prize)

**DR. P. KUNDU – IEEE CASH AWARD FIRST
PRIZE RS. 1000/-**

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

DCE CONVOCATION – 2006



MANISH GOEL
BE (Electrical Engg.)
2005 – 2006
Second Prize

**DR. P. KUNDU – IEEE CASH AWARD
SECOND PRIZE RS. 500/-**

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



RAJAT BHATIA
BE (Civil Engg.)
2005 – 2006

ASSOCIATION OF 1969 CIVIL ENGG. BATCH
DCE SCHOLARSHIP OF RS. 12,000/- EACH TO
CE STUDENTS ON MERIT-CUM-MEANS BASIS



RAHUL JAIPURIAR
BE (Civil Engg.)
2005 – 2006

ASSOCIATION OF 1969 CIVIL ENGG. BATCH
DCE SCHOLARSHIP OF RS. 12,000/- EACH TO
CE STUDENTS ON MERIT-CUM-MEANS BASIS

DCE CONVOCATION – 2006



MADHUR MITTAL
BE (Civil Engg.)
2005 – 2006

ASSOCIATION OF 1969 CIVIL ENGG. BATCH
DCE SCHOLARSHIP OF RS. 12,000/- EACH TO
CE STUDENTS ON MERIT-CUM-MEANS BASIS



ANUJ JAIN
BE (Civil Engg.)
2005 – 2006

ASSOCIATION OF 1969 CIVIL ENGG. BATCH
DCE SCHOLARSHIP OF RS. 12,000/- EACH TO
CE STUDENTS ON MERIT-CUM-MEANS BASIS



ANUJ JAIN
BE (Civil Engg.)
2005 – 2006

**1959 CLASS SCHOLARSHIP RS. 10,000/-
EACH**



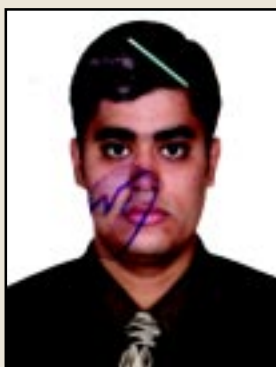
RAJIV GUPTA
BE (Civil Engg.)
2005 – 2006

**1959 CLASS SCHOLARSHIP RS. 10,000/-
EACH**

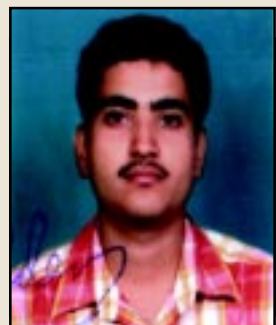
DCE CONVOCATION – 2006



**1959 CLASS SCHOLARSHIP RS. 10,000/-
EACH**



**1959 CLASS SCHOLARSHIP RS. 10,000/-
EACH**



**1959 CLASS SCHOLARSHIP RS. 10,000/-
EACH**

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

दीक्षांत प्रतिज्ञा

मैं प्रतिज्ञा करता हूँ कि मैं सदैव ही अपनी इस उपाधि के प्रति, जो मुझे आज दीक्षांत समारोह में प्रदान की गई है, पूर्ण निष्ठा रखते हुए उसके सम्मान एवं गौरव की रक्षा करूंगा। मैं अपनी शिक्षा एवं ज्ञान का उपयोग अपने देशवासियों एवं सम्पूर्ण मानव जाति की सेवा के लिये करूंगा। मैं अपने मन, वाणी एवं कर्म से मानव जाति के उच्च आदर्शों की सदैव रक्षा करूंगा। अपने ज्ञान एवं कर्म कुशलता का उपयोग सदैव ही मानव जाति के कल्याण के लिये करूंगा। मैं अपने विश्वविद्यालय एवं महाविद्यालय के गौरव एवं मानव जाति के लिये पूर्णतया सचेत रह कर आजीवन कार्यरत रहूंगा।