



उपराज्यपाल  
राज निवास, दिल्ली - ११००५४  
LIEUTENANT GOVERNOR  
RAJ NIWAS, DELHI - 110054

April 25, 2007



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

**MESSAGE**

The Delhi College of Engineering has played a pivotal role in the field of technical education and research and served the nation with distinction. Its alumni have distinguished themselves in India and abroad.

I am happy to note that the College is organizing its Annual Convocation on April 26, 2007 to present degrees and medals to passing out graduates. I am sure that with its high standards of teaching, research and innovation, the Delhi College of Engineering will achieve more laurels.

I extend my greetings and good wishes to the successful scholars and the college faculty on this occasion.

  
**TEJENDRA KHANNA**



RAMESH NARAYANASWAMI

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**MESSAGE**

It gives me great pleasure to extend my hearty congratulations to the Principal and Faculty of the Delhi College of Engineering on the occasion of its Convocation. I am sure this revered institution will continue to maintain its record of academic excellence in the years to come.

  
(R. NARAYANASWAMI)

*Address by Chief Guest*

*H.E. Shri Tejendra Khanna*

*Hon'ble Lieutenant Governor, Delhi*

Prof. K.K.Aggarwal, Vice-chancellor, GGSIP University, Prof. D.Goldar, Principal, Dr.G.Narendra Kumar, Secretary (T.T.E) distinguished faculty members, scholars, ladies and gentlemen:

1. I am happy to be amongst you at the Annual Convocation of the prestigious Delhi College of Engineering. Institutions are not judged by the bricks and mortar with which they are built but by the quality of instruction and knowledge that the teachers impart as well as the quality, keenness and receptivity of students. I am told that nearly 23,000 students have obtained their engineering degrees from this college since its inception and are occupying prestigious positions in Government, Industry, R & D organizations, and academic institutions in India and abroad. Some of the Institution's Alumni are luminaries in the true sense. Mr. Vinod Dham, father of INTEL, is a renowned Alumnus of this college. Raj Soin, an alumnus of this college, has already established a reputed university in USA. Goswami brothers, alumni of the college, are reputed industrialists and professionals in renowned universities of United States. Shri Promod Haque, a leading global venture capitalist is a graduate of DCE.

2. Engineering, as an intellectual discipline requires a special frame of mind. Engineers have their feet on ground but they gaze at the sky to visualize what can be constructed and realized. They have intellectual prowess, entrepreneurship and determination. Whenever challenged, they respond. The White Revolution, the Green Revolution and the IT revolution are examples of major milestones achieved by the Nation with the help of our scientists and engineers. In the face of refusal to share the advanced technologies by superpowers, India developed its own indigenous technologies to achieve self-reliance. Engineers are the ones who convert knowledge into wealth. If we look at tomorrow's workforce, they are going to be knowledge workers, creating wealth out of knowledge. In future the knowledge worker will

determine the competitive advantage of a country. I am glad to know that DCE shall soon establish a KNOWLEDGE PARK in its beautiful surroundings.

3. A basic requirement for professional excellence in the engineering field is an unshakable commitment to zero-tolerance compliance with proper technical specifications prescribed for different works. During the tragic Gujarat earthquake in January 2000, it was found that several high-rise apartment buildings has collapsed because faulty materials had been used and structural and safety specifications had not been complied with by the building contractors and the supervising engineers.

4. As the country embarks on a massive programme of infrastructure development and expansion, our engineers have to play a vital role in seeing that these long-duration assets, which are meant to serve the country for decades to come, do not suffer from any qualitative or technical weakness.

I have every hope that engineers graduating from this prestigious institution will not let down either their Alma Mater or the country during the entire span of their professional carriers.

5. Business and Financial Management, is another area which needs the attention of our engineers. In fact, now is the era of Technology Management, which includes intellectual property, technology transfer, its acquisition, absorption, up gradation and the whole host of associated issues. The inter-weaving of technology strategy into business strategy is going to be very crucial for future progress. Therefore, we have to train our engineers to manage technology and build synergistic linkages and networks.

6. We are all familiar with the IT Revolution. An important aspect of it is Innovation Management. In fact, it is innovation, which shall drive research & technological change. It will encompass the entire range from concept to commercialization. Many countries have set up innovation policies so that every sector contributes to innovation. Dr. Mahatir Mohamad, former Prime Minister of Malaysia used to call housewives 'Domestic Engineers' because

they are so creative at home. In Malaysia, he brought about social transformation through innovation. Once he organized a national level competition on how to prevent traffic jams. Every Malaysian was invited to contribute an innovative idea. Finally, the competition was won not by a traffic engineer but by a housewife. The key point is that in each one of us, there is an innovative spark. We have to be ingenious enough to ignite that spark. When we talk about moving from mind to market place, about building that bridge between discovery and the market place, we are essentially talking about being innovative. Engineering or Science is only a part of that innovation. It is only because of our innovative attitude that we are exporting know-how and technologies to create wealth. We are earning crores of rupees from software exports because of our highly innovative minds.

7. In order to be globally competitive, I personally believe that there should be a constant urge to change the existing curricula, because the way we teach and the way we examine, have to be linked to the expanding wavefront of knowledge. Information complements knowledge and creativity. If innovation and creativity are to hold centre stage, we require not only new curricula but also new ways of teaching.

8. We also have to excel in other engineering disciplines than conventional branches of engineering. Financial Engineering, System Engineering, Healthcare Engineering, Social Engineering, Ethical Engineering, etc. are the subjects of interest. One should be able to assess techno-economics of a process and its impact on the society. One has to understand socio-economics and socio-cultural aspects. I personally believe that a creative person has to have three essential attributes: capacity for innovation, compassion and passion. A spark in the brain begets innovation; compassion generates empathy for society and the environment; passion propels one to dare to take on the challenges and reach the top.

Nurturing a new breed of students, who have the capacity for innovation, compassion and passion, is the new challenge. I am happy to note that DCE students have undertaken highly innovative projects in the design of cars and have successfully participated in international competitions. The design of reactors for producing bio-diesel from the

DCE laboratory is the talk of the day. Consultancy projects undertaken by your Civil Engineering Department have received high appreciation. The DCE has produced many Ph.D's who are occupying respectable positions in India and abroad. Your research work on new materials and information security has been appreciated worldwide. Nevertheless, I wish that more efforts should be made to make our capital city the intellectual capital of the world. We should become a humane and caring techno-economic power in the world. The DCE has the distinction of being ranked among the top 10 engineering colleges in the country. It is a highly sought after institution for engineering education at UG & PG levels. I am happy to note that DCE is proposing to expand the educational facilities from the present intake of 670 to 1100 at UG level and 162 to 400 at PG level to provide additional seats for bright students of our country. The Government of Delhi is taking all necessary steps to provide adequate infrastructure to DCE so that it becomes the most sought after destination for bright Engineering students. In the XI<sup>th</sup> five year Plan, I understand that adequate funds have been provided to the DCE to focus on issues concerning self-sufficiency in the area of power generation, generation of safe drinking water and safe disposal of liquid and solid waste. Sufficient funds have been granted to DCE for establishing EDUSAT Technical Education Network Programme.

9. I take this opportunity to congratulate all the degree recipients and those receiving the medals and prizes for their outstanding performances. I offer my special felicitations to Mr. Abhishek Chatterjee for the award of Lt. Governor's Gold medal. My heartiest congratulations to Ms. Shanti Dhingra for bagging the Chief Minister's Gold Medal for the year 2005-06. The medals and awards reflect the high academic and professional standards of DCE and provide inspiration to continue our march on the path of excellence in the era of global competitiveness.

10. I pray that you all excel in your careers and achieve perfection through your worship of work.

Thank you all for your attention and best wishes for your peace, happiness and prosperity.

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