

**PAKISTAN ENGINEERING CONGRESS 70TH ANNUAL SESSION
THE EXECUTIVE COUNCIL FOR THE 70TH SESSION (2004 – 2006)**

PRESIDENT

Engr. Rana Muhammad Saeed Ahmad Khan

VICE-PRESIDENTS

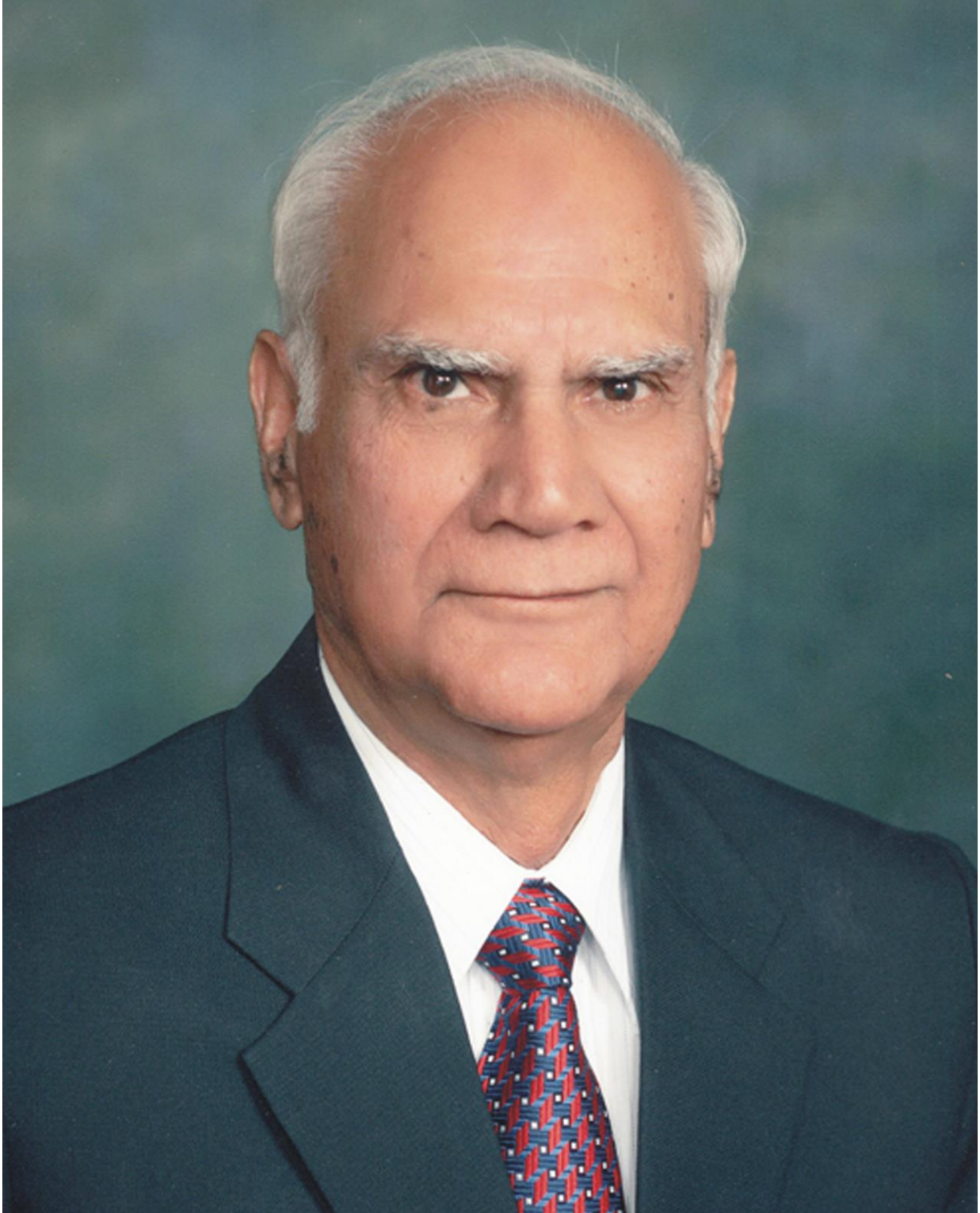
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Engr. Rana M. Saeed Ahmad Khan,
President 70th Session (2004 – 2006)
Pakistan Engineering Congress

ENGR. RANA MUHAMMAD SAEED AHMAD KHAN
PRESIDENT 70th Session (2004 – 2006)
PAKISTAN ENGINEERING CONGRESS

Mr. Rana graduated in Civil Engineering in 1955 from the Punjab College of Engineering & Technology, Lahore. He joined WARSAK Dam Project Organization in 1956 and then joined West Pakistan Public Works Department as Assistant Engineer in 1957. But he was immediately sent back on deputation to WARSAK Dam Organization on directions from the Federal Government due to his studious working on the Project where he stayed till completion of the Dam. On return to the parent department considering his construction experience he was posted as Sub Divisional Officer Lahore Stadium presently known as Qaddafi Stadium.

He got his Post Graduation from Canada in 1967 in the Field of Environment Engineering. On return from Canada he was posted in WASA LDA as a Senior Engineer where he looked after the construction programme of Greater Lahore Water Supply and Sanitation works under the World Bank Loan. He has participated in numerous International Seminars.

Mr. Rana served as Deputy Secretary Planning in the Department of Local government from 1974 to 1975 responsible for planning and processing schemes for approval of Public Health Engineering Department.

Mr. Rana was selected by the Government of Saudi Arabia as Public Health Engineer on secondment and was posted as water Supply Engineer in TABUK Cantonment where he served from 1975 to 1976. On return he served as Superintending Engineer in the Public Health Department, Punjab for 10 years prior to posting as Technical Advisor in the Department of Housing & Physical Planning Govt. of the Punjab.

He was appointed by the Government of Pakistan as Convener of the National Experts Group in 1984 for preparation of National Environmental Quality Control Standards and infrastructure for environment Protection Agencies at Federal as well as Provincial levels after the promulgation of the Pakistan Environmental Protection Ordinance 1983. The Report of the experts Group was accepted by the Government of Pakistan and in appreciation, honorarium was awarded to the Experts Group. Mr. Rana was pioneer in establishing EPAs in Pakistan and was the First Director General of EPA Punjab (1987-1989) where he formulated environmental standards for various pollutants and started industrial survey in Punjab. Mr. Rana was also Member of the Expert Advisory Committee constituted by the Government of Pakistan on Rationalization of National Environmental Quality Standards.

He is a member of the standing Committee of Govt. of Pakistan for revision of quality standards and implementation thereof.

Mr. Rana served as Chief Engineer PHED Punjab from 1989 till his retirement in 1992. During his tenure as Chief Engineer, a number of Water Supply and Sewerage Schemes were implemented. The important works worth mentioning were the augmentation of Water Supply Schemes to Murree from Dhar Java Haro River and Water Supply Scheme of Chakwal.

After superannuation Mr. Rana continued his professional Career as Public Health Engineer in the Private Sector. He worked as General Manager of Public Health Engineering Division, National Development Consultants (NDC) for four years where, in addition to the local consultancy jobs the feasibility of Water supply and sanitation schemes for Atolls, Maldives under Islamic Development Bank assistance was also prepared by him. Mr. Rana is Presently President of Pakistan Engineering Congress.

ADDRESS

BY

ENGR. RANA MUHAMMAD SAEED AHMAD KHAN

Honourable, Chaudhry Amir Hussain, Speaker, National Assembly of Pakistan,

Distinguished Guests, Members of Pakistan Engineering Congress, Ladies and Gentlemen!

Assalam-o-Alaikum!

It is an honour for us in the Engineering Congress to welcome you all at this 70th Annual Session. We are especially indebted to you, the Honourable Speaker, National Assembly of the Islamic Republic of Pakistan, for sparing some time for us from your busy schedule of preoccupations, to inaugurate this Session. Your presence will provide us an opportunity to share with you, Sir, the aims and objectives of Pakistan Engineering Congress, its achievements, the contributions of its member engineers towards planning and construction of major engineering Projects instrumental for uplift of national economy, and constraints experienced by the Engineers during their implementation, and in general.

Honourable Sir, Pakistan Engineering Congress is a body of professional Engineers belonging to all Engineering Disciplines. It is a non-governmental and non-political professional organization. Its office bearers are professional Engineers elected by its engineer members, and work voluntarily during the Session they are elected for. Founded in 1912 with 94 members from Public Works Department (PWD) of the Punjab, its membership has now swelled to 3,998 belonging to all engineering disciplines of the Provincial and Federal Government Departments, Authorities, Consultants, Contractors, industry, and also those working in their private capacity.

The cardinal aims and objectives of the Congress are to promote engineering and science; to afford opportunities to its members to meet annually to discuss and exchange views on matters of professional interest and propose viable solutions thereto. Besides, on various ongoing or completed mega Projects, Technical Papers are presented and discussed at the Annual Sessions. In addition, the last day of the session is earmarked for discussion of Technical Papers on specific Symposia regarding any problems that may tend to beset the national economy or have the potential to do so. Recommendations of the Panel of Experts as a result of discussions on the Technical Papers of Symposia are invariably forwarded to the Federal Government for consideration. Technical papers of the Annual Sessions and symposia, and also those of the occasional mid-term Seminars are preserved in the archives of Pakistan Engineering Congress Library and are also circulated amongst other national libraries. These papers and quarterly issues of the Congress Journal have by now acquired appreciable reputation as a collection of technical literature for use as reference by the posterity.

The Engineering Congress, in addition, is running a Computer College which is providing most advanced engineering related courses to graduate engineers in order to improve their technical skills for delivering better and speedy outputs of their assignments.

Sir, to encourage talented engineering students, scholarships of Rs. 2,000/- each per month are being awarded every year by Pakistan Engineering Congress to 16 M.Sc. (Engg.) & 20 B.Sc. (Engg.) students of the Engineering Universities all over Pakistan such as Lahore, Taxila, Multan, NED Karachi, Sir Syed Ahmad Khan, Jamshoro, Nawab Shah, NWFP, NUST, Balochistan, Mirpur Azad Kashmir, GIK Institute and Chemical Engineering Department of the University of Punjab.

The number of these scholarships over the next four years will gradually come upto 112 in the year 2009 and will continue to that extent in future, that is to say congress would be disbursing an amount of Rs. 224,000/- every month in this regard.

Besides, Engineering Congress also awards Educational Scholarship of Rs. 2,000/-per month to Children of the deceased engineers whose families are facing financial hardships. The scholarship amount is raised to the maximum of Rs 5,000/- each per month depending upon the pecuniary status of the bereaved families.

Sir, the Engineering Congress did not stop at this. It considered it expedient on humanitarian grounds and awarded two scholarship of Rs. 5,000/- each per month to engineering students who had lost their parents in the devastating earthquake of October 8, 2005.

To cater for all the foregoing expenditures and running & maintenance of office and support staff, Sir, you will be pleased to know that, the Engineering Congress is self reliant depending almost entirely upon the rent of its building and annual subscription of its members.

Sir, despite sincere and concerted efforts made by the present Government, such enviable goals of alleviation of poverty, eradication of corruption, introduction of good governance, security of honour and life have by and large been fractionally achieved. In some grey areas these menaces have rather registered an upward trend. Nonetheless, we are conscious that, to some extent, prevailing domestic and extraneous compulsions too are responsible for all these limitations. For alleviation of poverty and achievement of the lofty goals mentioned earlier, a clear line of action was long needed to have been drawn and followed on a war footing. The industry which has been miserably stagnating over the years ought to have been refurbished. This of course needed daring steps for taking in hand the construction of such technically viable mega multi-purpose Projects such as Kalabagh Dam, for preservation of the most needed irrigation water for boosting agricultural produce and saving the country from famine-like conditions looming large, and for generation of energy not only to revive our stagnating industry but also to allow installing additional factories and mills. This decision alone would have gone a long way to alleviate poverty and also enhance our exports. It hardly needs emphasizing that the jobless youth who could be gainfully engaged earlier on mega projects like Kalabagh Dam and on industry firmly rooted to the energy available on asking, would have been instrumental in mitigation of poverty and reversing the trends of lawlessness.

Sir, in the domestic arena, keeping harping on the need of finding a consensus on such a life saving Issue as constructing Kalabagh Dam to please a few diehards is nothing but a travesty of truth. On the other hand, on extraneous pressure we took an arbitrary unpleasant decision, without going for an iota of consensus, although the ground reality is that it did not enjoy even the minimal favour with the public at large. Such eyewash projects as construction of a myriad of small Hydropower Projects presently in hand, with all their generation capacity added, can not match the amount of the energy to be produced by Kalabagh Dam Project alone while conservation of the direly needed irrigated water would remain a far cry and the precious river water will continue to be wasted untapped and unavailed into the sea. A crime of colossal proportions at the national level, no doubt, Sir. Construction of Diamer Basha Dam would require about 9 to 10 years for becoming operational. This is another long period for letting loose forces of negligence gnaw at the national economy to such an extent that it may take eons to make up for the damages already sustained.

As an example it would not be out of place to mention that Bangladesh importing raw cotton material from Pakistan is exporting about double the foreign exchange worth of finished garments than Pakistan thanks to their booming industry.

We, as engineers, feel pride in executing tasks of various Projects assigned to us to the best of our faculties and with domestic expertise except for a minimal expatriate input. To quote a few we have completed 175 miles long Chashma Right Bank Stage-III Canal feeding 570,000 Acres of fallow lands of D.I. Khan & D.G. Khan Districts and providing potable water to millions of people. We have rehabilitated 100 year old infrastructure of Sukkur Barrage, world's classic engineering feat where seven canals rather mini rivers take-off; we are in the process of raising capacity of Mangla Reservoir; rehabilitating ageing Taunsa Barrage and providing clean & potable sub-surface water to various urban as well as rural areas and drainage of sewage for treatment and further disposal without aggravating pollution menaces. We may shortly be launching on the construction of Diamer Basha Dam Project; we are in an advanced stage of construction of Greater Thai Canal to irrigate desert of districts of Mianwali & Jhang and Feeder Kachhi Canal to carry irrigation and potable water from Taunsa Barrage to our brethren in Baluchistan, we are reclaiming hundreds of thousands of acres of water logged land on both flanks of river Sindh downstream of Rohri. In the communication discipline we have linked every nook and corner of the country through motorways, dual carriage ways and farm to market roads. Efforts are underway where our Engineers are instrumental in providing electricity to almost all the villagers of Pakistan by the end of the next year. In the telecommunication field we have achieved level comparable to the developed countries. Again in the earthquake ravaged areas our engineers are busy in rehabilitation works. But the crux of all this progress is energy and energy is not to come by through via medias unless the mega sources are tapped in earnest and anon.

Strangely enough, Sir, in the astronomical growth of China's industry, it is the availability of abundant energy which has made the miracle happen. Quite unbelievable, it is free in certain industrial zones. Little wonder that the country is becoming a future industrial giant with a GDP increase of over 8% per annum.

Sir, we have not remained oblivious to the need of ever depleting supply of potable water, the life line of everybody on earth. Rising to the appeal of the comity of nations we celebrate World Water Day every year on the 22 March in collaboration with WAPDA where technical papers on the need of water, its judicial use, preservation and management are presented and discussed. They are bound in exquisite books and preserved in the archives of the Congress Library, besides being distributed on a large scale.

The Engineering Congress is not lagging behind in educating people about the ever increasing pollution which threatens the very life on earth. The World Environment Day is celebrated every year on the 5th of June where technical papers are presented and discussed like the World Water Day. The Congress normally submits recommendations of such events to the Government for consideration and necessary action.

Sir, a quotation goes that it is not the gun that matters but it is the man behind the gun. Applying it to the engineers, the men at the gun in Pakistan engineering fields may not be as effective as they ought to be. The simple reason is that they are a disgruntled lot. Look at their fate, Sir! An engineer appointed in grade 17, in almost all the engineering departments, has to wait for 16 to 18 years to be promoted in the next grade whereas a civil servant appointed in grade 17 is promoted to grade 18 in just about 5 years, to grade 19 in 12 years, and to grade 20 in 17 years of his career. It is this single reason that engineering talent is fleeing this country for far better prospects abroad. The engineers prefer to work on odd jobs abroad for honourable living rather than to work at home with every likelihood of falling prey to corruption or live a miserable sub-standard life. This brain drain adversely affects the development of the country. Over the decades this issue has been agitated at this forum but of no avail. I would request the

Government to take remedial measures in earnest to avail of the services of the professionals here at home than to let them continue their flight abroad.

Sir, allow me to quote another axiom "A bad workman quarrels with his tools". I believe you will appreciate that it very aptly applies to non-professionals heading technical departments. We are afraid a non-Engineer, never having been a student of engineering throughout his career, can ever have that depth of professional insight when he heads a technical department. At this forum it has been persistently advocated that technical departments should be headed by the professionals and not non-professionals for better professional and managerial decisions. This proposal however never found favour with the bureaucracy. We would, therefore, rather restrain from the previous refrains and leave it for the Government to deal its own way.

In the end I request you all present to hold our hands in prayer to Almighty that He may from his Benevolence grant us the wisdom to rise above our selfish motives and do whatever is in our respective prowess to serve Pakistan and raise its credibility in the comity of nations in a befitting manner.

May Allah grant us the fortitude to endure all misfortunes brought on us by our sinful deeds and May He guide us on the right path of his chosen people. We again thank you. Sir, for sparing your invaluable time to be with us.

Pakistan Zindabad

**PAKISTAN ENGINEERING CONGRESS 71ST ANNUAL SESSION
EXECUTIVE COUNCIL FOR THE 71ST SESSION (2006 – 2011)**

PRESIDENT

Engr. Husnain Ahmad

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| 3. Engr. Ch. Muhammad Arif | 10. Engr. Shehzad Jamil Sheikh |
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| 6. Engr. Ch. Ghulam Hussain | 13. Engr. Faqir Ahmad Paracha |
| 7. Engr. Dr. Izhar ul Haq | |

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| 3. Engr. Anwar Ahmad | 20. Engr. Rana M. Saeed Ahmad Khan |
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| 5. Engr. Capt. (R) M. Qadir Khan | 22. Engr. Shabbir Ahmad Qureshi |
| 6. Engr. Ch. Aftab Ahmad Khan | 23. Engr. Syed Anwar ul Hassan |
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| 15. Engr. Najam Waheed | 32. Engr. Malik Ata ur Rehman |
| 16. Engr. Naveed Alam | 33. Engr. Taufique Ahmad |
| 17. Engr. Nayyar Saeed | |



Engr. Husnain Ahmad
President, 71st Session (2006 –2011)
Pakistan Engineering Congress

ENGR. HUSNAIN AHMAD
PRESIDENT, 71st Session (2006 –2011)
PAKISTAN ENGINEERING CONGRESS

Engr. Husnain Ahmad the newly elected President was born at Pasrur, district Sialkot in 1963. He was primarily schooled at Lahore till his graduation from the University of Engineering & Technology (UET), Lahore. From UET Lahore, he acquired Bachelor and Master Degrees in Civil Engineering. During his stay at UET, he also held University Colour for representing the University in Rifle Shooting Competitions and remained student's representative throughout his tenure.

After graduation, he started his professional career by joining Communication and Works Department, Government of the Punjab in 1989 as Assistant Executive Engineer / Assistant Project Manager, yet, he continued improving his educational qualifications and earned many distinctions. He was also awarded the Britannia Chevening Scholarship. During his stay in UK he earned Master Degree in Business Administration from Cardiff Business School, University of Wales and acquired the fellowship of Institute of Professional Financial Managers, London. His continued endeavour for improving his academic excellence inspired him to have Master Degree in Computer Sciences. His research aptitude made him author of more than eight technical refereed publications. He has also been awarded the Congress medal for co-authoring a paper on the topic : "USE OF ENVIRONMENTAL FRIENDLY FINELY DIVIDED MATERIALS IN BRITTLE MATRIX COMPOSITES".

Besides rich scholastic credentials, he has a remarkable diversified experience of serving in various organizations. He supervised construction of various prestigious buildings such as Pediatric Hospital Lahore and highways projects, such as Saggian Ravi Bridge and construction of over 400 kilometers of roads. He also headed Information Technology Department (ITD) of City District Government Lahore (CDGL) where he remained instrumental in planning and developing a vision for IT department and contributed significantly in getting Lahore declared as one of the first e-districts of Pakistan. He was also the first Project Director of the University of Veterinary and Animal Sciences, Lahore where he helped in envisaging the developmental needs and initiating practical execution of construction activities for developing the needed facilities.

Apart from his brilliance in academics and professional pursuits, he not only participated in social activities but also possess a unique honour of representing his equals as well as community at all levels. During his stay at University of Wales, his efforts for the promotion of multi racial culture and image building of Pakistan were widely acknowledged. He also had the honour of getting elected as President Pakistani Students Society, National Union of Students UK. He has a large number of features in his cap, such as Member Chartered Institute of Marketing, UK. Life member Pakistan Engineering Council, Member of Executive Council, Institute of Engineers, Pakistan. Elected Vice President Britannia Alumni Association of Pakistan (BAAP) and life Member Old Uetians Association.

Ever since Mr. Ahmad came into the fold of Congress in 1991, he actively participated and made untiring efforts in uplifting of and promotion of the Congress. He served Congress as Treasurer, Business Manager and contributed in its various committees, such as, Public Relations, Welfare of Engineers, Symposium Professional Activities, Library and Publications, Constitution and Bye-laws, Building and Fund Raising, apart from convening Membership, Administration and Finance Committees. He was also elected as Vice President of the Congress during the 70th Session. Last but not the least, Mr. Husnain Ahmad is the ever youngest President of the Congress during 94 years history since its creation.

ADDRESS

BY

ENGR. HUSNAIN AHMAD

The Honorable Chief Guest

Distinguished Delegates

Members of Pakistan Engineering Congress

Ladies & Gentlemen!

Aslamualaikum

It is my profound privilege and unique honor to welcome you all and to give an "overview" of the oldest and the most prestigious institution of professional engineers which happens to be the catalyst of all professional engineering institutions in this part of the world. It started its journey in the year 1912 under the name of "Punjab Engineering Congress". In 1947 upon unification of all Provinces of the western wing, it was renamed "West Pakistan Engineering Congress". In 1971, the name was changed to "Pakistan Engineering Congress".

Honorable Prime Minister Sir!

At the floor of this august gathering, I feel immense pride to claim that it is the Engineering Congress from where most of the theories and formulae for the design of channels, barrages, regulating structures and cross drainage structures were presented. Based on the quality research work presented from this forum the largest irrigation network on this earth was indigenously developed by the local irrigation engineers like, Kennedy, Lacy, Kanwar Sain, S.I. Mehabub, Khawaja Ghafoor, Pir Ibrahim, Sh. Ahmad Hassan and S.S. Kirmani.

Honorable Prime Minister Sir!

I feel extremely humbled when I look at the names of the luminaries of the profession of engineering, who had the honor of presiding over this body without lowering the stature of others, I would like to mention that The Hon'ble Sir Burt, Col. R.S. Maclagon, D.W. Aikman, Mr. A.S. Montgomery, Col. Walton, Mr.J.D.H Bedford, Sir Arther Griffin, Sir Ganga Ram, Mr. K.B. M.A. Hamid, Mr. S.I. Mahbub, Khan Mohammad Inamullah Khan, Mr. A. M Akhound, Mr. C. A. Hamid, Mr. I.A.S. Bokhari, Dr. Mubashir Hasan and Mr. Shams ul Mulk are amongst those who had the honor of heading this body.

Honorable Prime Minister Sir!

In line with cherished objectives of this august body, which are:

- a. To promote science, profession and practice of engineering.
- b. To afford its member's opportunities for meeting periodically, to discuss, propagate and pursue matters of professional interest.
- c. To have a code of Ethics that governs the professional conduct of its members

The Congress organizes events i.e. Seminars, Lectures, Symposia, World Water-Day / World Environment-Day events, Technical Tours, International Workshops. During 71st session, alone 32 such events were organized and held, which include technical visits of congress delegations to mega development projects, celebration of World Water-Day, World Environment-Day, Symposiums and Lectures on vital Engineering Issues.

Sir! Your honor will be delighted to hear that all the papers presented at these events have been published in Book form and distributed to Members, Federal/Provincial Government Departments, Engineering Universities, Libraries etc. free of cost.

Honorable Prime Minister Sir!

Your Honor will be pleased to hear that the professional activities of the Congress are not restricted within the geographical boundaries of the Country. It is playing a proactive part on the global stage.

- A Congress delegation participated in the, International Seminar held in August 2010 at University of Surrey, on "Transboundary Aquifers and International Law" and presented its input on the issue of Shared Waters of Rivers, Lakes, etc.
- A Pakistan delegation that was led by myself, participated in 60th IEC Meeting of ICID and 5th Asian Regional Conference held from 5-11 December 2009 in New Delhi, where the delegation not only made professional contributions and got recognition but also won both coveted positions in various work bodies.
- I feel extremely humbled that even at the 61st IEC meeting of ICID(108-Members Countries Organization with Pakistan being one of its signatories), the election for the coveted position of Vice-President ICID that is considered as great honor throughout the globe, amongst water experts; despite intense international competition was won by myself. The falling of the position to the lot of the President of the Congress shows the great esteem for Pakistan in the comity of this International Organization.

At the ICID Conference at Yogyakarta, I also took the opportunity to apprise the delegates of the Conference about the colossal devastation inflicted on the Country by the unprecedented rainfall in July and August, 2010, causing loss of around 3.0 % GDP with projected financial loss of \$ 40 to 43 billion. The District wise presentation of the details of the losses of precious lives and assets of the huge value greatly distressed the delegations of the Conference. They desired that an International Workshop may be held in Pakistan to probe, analyze and formulate recommendations to contain and manage the ensuing devastating repercussions. The Workshop was accordingly held at Pakistan Engineering Congress auditorium on 12th March 2011 with active participation of ICID, PANCID, WWF and Govt. of Pakistan. 12-Papers were presented by Pakistani and Foreign luminaries on the phenomena of floods. The recommendations formulated by the panel of experts have been conveyed to all the relevant Federal / Provincial Govt. Departments / agencies.

Honorable Prime Minister Sir!

Role of the Congress in Promotion of Engineering Education / Dissemination of Information has always been of a forerunner. However, it fell to the lot of the governing body of 71st Session to take the historical step of emptying the incomparable treasure trove of technical knowledge by placing all its publications on its website and that too free of cost, which includes:

- 679-Technical papers on diverse engineering issues in 70-volumes.
- 269-papers presented at symposiums on various issues in 31-volumes.
- 617-papers published in the quarterly journal of the Congress.

The web-site: www.pecongress.org.pk interalia displays the following, apart from other related information in detail:

- Introduction of Pakistan Engineering Congress.

- Constitution of the Congress.
- History of the Congress.

Honorable Prime Minister Sir!

Congress has taken landmark steps for facilitation of Graduate Engineering Studies. It has so far awarded 300-Scholarships (100-Scholarships recently) of Rs. 3000 per month for full 4-year span of studies on all Pakistan basis. It also awards scholarships of Rs. 10,000 per month for education of the deceased engineer's children.

Honorable Prime Minister Sir!

The Congress has all along been on the forefront of National Causes. At the devastating Earthquake of October 8, 2005, the Congress contributed Rs. 5-million directly to the affectees and distributed packages of edible goods of almost Rs. 2-million.

Honorable Sir! At your call at the recent floods of biblical proportions, the Congress made a humble donation of Rs. 10-million, which was presented to your honor in-person by a small delegation of the Congress in your chamber in the Parliament House, Islamabad. I assure your honor that the Congress will always be found ready to shoulder any responsibility at the beck and call of the motherland.

Honorable Prime Minister Sir!

Energy deficit crisis is continuing unabated since 2009 with 10-12 hours electricity outages. The irony is that the Country has been brought to this sorry state of affairs, when the Country was endowed with Hydroelectric Potential of about 40,000 M.W as well as enormous Coal deposits. It is grave indifference on the part of the planners that the Country has failed to construct any reservoir of sizeable capacity since full commissioning of Tarbela in 1977. The electricity deficit now is over 5000 M.W. with far reaching socio-economic repercussions. It had been authentically stated:-

- 1) Those around 25000 industrial units have been forced to a halt.
- 2) About 5-Lac people thrown out of employment. The adverse impact on exports is colossal. All this at a time when 40% plus people are living a miserable life -living below poverty level.
- 3) Textile industry, the biggest earner of valuable foreign exchange is in doldrums.
- 4) Power looms have been shut down on a large scale.
- 5) The economy is suffering an annual loss of around Rs. 516-billion.

Honorable Prime Minister Sir!

A leader of your vision and understanding mind knows well that the only solution to come successfully out the morass of energy deficit and acute water shortages is construction of mega dams. In fact, the time has already run out and the economic scene is becoming bleaker day by day and the very stability of the Country is at stake. It is indeed heartening to note that your Government has decided to implement on priority basis Diamer Basha Dam with a storage capacity of 6.4 MAP and electricity generation of 4500 MW. Furthermore, this decision is backed by full consensus of all the federating units, particularly the four provinces. Reportedly, the preliminary project activities of land acquisition, resettlement and construction of camps are now being taken up. Furthermore, to signify the importance attached by the Government to Diamer Basha Dam Project, arrangements are in hand to get it formally inaugurated by the President of Pakistan in the near future. Notwithstanding these efforts by the Government, launching of the core project, to be implemented within a period of 8-10 years, is being delayed

basically due to lack of commitment for the foreign financing. Reportedly, the Government is actively pursuing the matter with various potential donors, particularly Asian Development Bank, but without success so far. In order to overcome this difficulty without further loss of time, your good self is urged to use personal good offices and clout with the potential donors, particularly China.

Honorable Prime Minister Sir!

All over the world, the Engineers are highly valued professionals. They are the catalyst of socio-economic advancement. Whether it is construction of Mega Dams / Hydel / Thermal Power-Houses / Barrages / Canals, Cement Plants, Refineries, Air-Terminals, Cause-ways, Infrastructure Construction name anything and the stamp of Engineers ingenuity, skill and dedication will be manifest.

However, in Pakistan, the Engineers are a neglected, forgotten community, a victim of the apathy of Administrative Bureaucracy. They toil day and night for the development and advancement of the Country but languish in their initial positions for decades. Your honor will be surprised to know that the Engineers of Provincial Departments (they constitute 80% of the total Federal / Provincial strength) do not possess any "Service" structure nor they are given automatic "Time Scale Promotions" etc., a grave injustice indeed persisting for decades by now.

Honorable Prime Minister Sir!

May I bring on record that it was Prime Minister Zulfiqar Ali Bhutto (Shaheed) an incomparable visionary / statesman and a gem of a person who had the vision and was fully aware of engineers role in a vibrant society, conferred "Class-1" on the Engineers, ordered posting of Engineers as Heads of Engineering departments and lot more.

The Late Zulfiqar Ali Bhutto (Shaheed) set aside the protocol and advised Engr. Shah Nawaz Khan and Engr. Dr. Mubashir Hasan to arrange a meeting with Dr. Terrazaghai; a famous Geotechnical Engineer and his team, so that he may discuss with them at personal level solutions for the early Tarbela Dam woes. He ordered that he would like to call on them instead of them being asked to appear for briefing of the great leader.

Sir! The administrative bureaucracy had nullified all the reforms introduced by the Late Zulfiqar Ali Bhutto (Shaheed) which were admirably continued by Mohtarma Benazir Bhutto (Shaheed).

Prime Minister Sir! It is important that those who perform day and night and contribute towards development of the Country should not be ignored. Hence, the Engineering community having great faith in your dynamic leadership earnestly hopes that your honor may kindly issue directions for implementation of some landmark measures to ameliorate the lot of Engineers:-

- May please order immediate re-introduction of the earlier reforms introduced by the first peoples Government.
- May very graciously announce a package of reforms- institution of technical allowance / non-practicing allowance etc. on the lines allowed to Doctors.
- May very kindly advise the Provincial Governments to grant "Distinct" five tier service structure to the Engineers along with "Time Scale Promotions", i.e., 50% in BPS-17, 34% in BPS-18, 12% in BPS-19, 3% in BPS-20, and at least 1% in BPS-21 or above (a Congress reference in this respect is already with the Government of Punjab). The service structure for engineers on the lines of civil services should also be linked to Automatic Time Scale Promotions, i.e., 5 years from BPS-17 to BPS-18, 7 years from BPS-18 to BPS-19, 5 years from BPS-19 to BPS-20 and 5 years from BPS-20 to BPS-

21 and Professional Engineers only may please be appointed from BPS-17 to BPS-21 in all Engineering Departments and Organizations.

- Honorable Prime Minister Sir, when jobs for engineers are advertized in various Federal as well as in Provincial Departments, mostly a few candidates get selected in more than one department, while the rest remain unemployed. This way on one hand engineers remain unemployed and on the other hand public projects suffer due to lack of requisite technical human resources. Therefore, at federal as well as at provincial levels creation of engineering services cadre on the lines of other civil services is the only solution. In this manner periodic process of recruitment for engineering graduates through respective service commission can ensure timely and effective utilization of our extremely talented youth for their share in socio-economic uplift of our beloved mother land.

Honorable Prime Minister Sir!

I assure you sir, that your patronage shall enable the engineering community to attain its legitimate rights and due recognition, turning it as satisfied and more committed workforce for National Development that shall ultimately result in prosperous and stronger Pakistan. InshallaTawala.

In the end Sir, I extend sincere gratitude on behalf of the Executive Council of Pakistan Engineering Congress, Engineering Community in general and on my own behalf in particular for your presiding over the in-augural session of the event despite your pressing engagements. This is a source of immense encouragement for the Engineers of Pakistan. We place our services at your disposal for placing any responsibility on our shoulders that may be needed for the good of the Country. I also thank all the audience for their very patient hearing.

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