

Report of the Secretary for 1975

Honourable President, distinguished guests and brother engineers,

I, on behalf of the Association of Engineers, India and on my own behalf, accord you all a very hearty welcome to our 56th Annual General Meeting and the Seminar on "Engineers and National Reconstruction" to be held immediately after the AGM is over.

It is my proud privilege as your first servant to acquaint you with the activities of our Association for the year 1975 in the form of a report—I proceed to present this report now.

(A) Our professional endeavours of 1975 in realisation of the objective of the Association can be grouped into the following categories :

- (i) Publication of Journal and Bulletin.
- (ii) Publication of Booklets for engineering students.
- (iii) Establishment of Consultancy Cell.
- (iv) Conducting Management Development Programmes.
- (v) Arrangement of Paper Meetings.
- (vi) Organisation of All India Conference on Engineering Materials and Equipment.
- (vii) Formation of Building Fund.
- (viii) Preparation for celebration of Diamond Jubilee of the Association in 1979.
- (ix) Essay Competition for Bruhl Memorial Prize.

(i) Publication of Journal and Bulletin

Four issues of our Journal and two issues of our Bulletin have been published in 1975. The third and fourth issues of the Journal were published together as Golden Jubilee issue. Our Journals are being exchanged regularly with the publications of different professional institutions and learned societies of India and abroad. Microfilms of our Journals are also obtainable from U. S. A.

In the Golden Jubilee issue we have placed fifty years' reminiscence on record to indicate what the old guards did, unaided by any agency or State, for their beloved Association. Our Editorial Board consisting of eminent engineers have uplifted the standard of the Journal to a great extent—the efforts and dedication of our very able Editor, Er. Dr. Madhusudan Bhattacharyya in this regard deserve special mention.

(ii) Publication of booklets for engineering students

Our booklet on "Engineering Drawing" prepared for engineering students in accordance with Indian Standards and published in 1975 found wide acceptance amongst the teachers and the taught belonging to Bengal Engineering College, Jadavpur University, Regional Engineering Colleges, Polytechnics, et al. This has enhanced our confidence and enthused us to undertake more publications of this nature which will be forthcoming under the stewardship of Er. Dr. Madhusudan Bhattacharyya, Editor and Er. Subrata Pal, Associate Editor.

(iii) Consultancy Cell

We have established a Consultancy Cell to render assistance to the industry in different disciplines and functional aspects. Er. B. K. Dam is acting as Convener of this Cell which consists of a panel of experts drawn from Industries, Institutes and Universities. The areas in which assistance is proposed to be rendered are production tooling, design, heat treatment, testing of materials and equipment, instrumentation, stress and vibration analysis, drainage, sewage, sewage disposal, irrigation, feasibility studies and cost-estimates, acoustics and noise control, selection and training, etc. Industries have been invited to utilise the services of the cell.

(iv) Management Development Programme

We have conducted two Management Development Programmes in 1975—one in the month of August and the other in the month of December. These courses are meant for Shop Floor Managers in Industry—the main objective of the course is to expose the participants to the modern management techniques with emphasis being laid on both production-management and man-management aspects. In the first programme 26 participants participated while in the second programme 16 senior managers participated.



Management Development Programme

The industries who have sponsored candidates for participation in these programmes are M/s. The Titaghur Paper Mills Co. Ltd., Guest Keen Williams Ltd., S. F. India Ltd., Garden Reach Workshops Ltd., Graphite India Ltd., British Paints Ltd., Bengal Chemical & Pharmaceutical Works, Bridge & Roof Co. (India) Ltd., Chloride India Ltd., The Hooghly Docking & Engg. Co. Ltd., National Rubber Mfrs. Ltd., Chandras' Chemical Enterprises (P) Ltd., Hindusthan National Glass & Industries Ltd., East Anglia Plastics (India) Ltd., Hind Galvanising & Engg. Co. Ltd., The Angus Co. Ltd., and Machinery Manufacturers Corporation Ltd. We thank them all for their kind patronage.

The faculty comprised of eminent engineers and management experts like Dr. S. M. Mukherjee, Director of Industries, West Bengal, Dr. Subir Chaudhuri, Manager, Paints Plants, The A. C. C. I. Ltd., Er. D. K. Kundu, Manager, The Titaghur Paper Mills Co. Ltd., Major J. Sengupta, Director, Calcutta Productivity Council, Mr. Susanta Shome, Personnel Executive, Jardines Henderson Ltd., Er. S. P. Bhatia, Director, Regional Labour Institute, Calcutta, Er. D. V. Kapoor, Chief Training Executive, Guest Keen Williams Ltd., Mr. P. C. Dash, Asstt. Manager, The Titaghur Paper Mills Co. Ltd., Er. A. B. Banerjee, Training Superintendent, The Calcutta Electric Supply Corporation Ltd., Dr. M. Bhattacharyya, Reader, Mechanical Engineering Deptt., Jadavpur University, Er. A. K. Majumder, Lecturer, Mech. Engg. Deptt., B. E. College, Sibpur, Mr. C. L. Ganguli, Advocate, Calcutta High Court, Mr. S. K. Chatterjee, Personnel Manager, The Gramophone Co. of India Ltd., Er. R. K. Samanta, Executive Engineer, P. W. D., Mr. M. A. Mahud, Di-

rector, Management Development Centre, Er. A. Deb, Past President, The Association of Engineers, India, Er. Subrata Pal, Lecturer, Mech. Engg. Deptt., Jadavpur University, Mr. A. Roy Chowdhury, Training Officer, The Titaghur Paper Mills Co. Ltd. We pay our warm tributes to each one of them for their kind cooperation and look forward to their continued assistance in future also. We are also indebted to Er. A. Dasgupta, erstwhile Director, Tribeni Tissues Ltd., Er. R. B. Chakraborty, Technical Adviser, Calcutta Corporation, Er. S. Samaddar, Administrator, Calcutta Corporation, Dr. D. K. Dutta, Director, Indian Institute of Social Welfare & Business Management, Calcutta and Mr. S. Biswas, Managing Director, The Titaghur Paper Mills Co. Ltd. who have graced the inaugural session or valedictory function of these courses either as President or as Chief Guest.

The leadership provided by Dr. Madhusudan Bhattacharyya, Convener, Management Development Programme, in organising these programmes so successfully deserves special mention.

(v) Paper Meetings

Seven paper meetings were organised during the year. The topics and the speakers were as follows :

Topics	Speakers
(i) Apprenticeship training in India.	Er. S. J. De, Deputy Director of Industries, (Trg.), West Bengal.
(ii) Entrepreneurial Development.	Er. M. N. Roy, Resident Manager, Indian Investment Centre.

- (iii) Engineers and public administration. Er. R. K. Samanta, Executive Engineer, P. W. D.
- (iv) Decision making under competitive situation. Dr. Madhusudan Bhattacharyya, Reader, Mech. Engg. Deptt. Jadavpur University.
- (v) Design of training aids in technical education. Er. P. K. Bhattacharyya, Lecturer in Civil Engg., Polytechnic at North Calcutta.
- (vi) Vocational training in West Bengal. Er. R. C. Bhattacharyya, Asstt. Director of Industries (Voc.Trng.) West Bengal.
- (vii) Scheduling and Sequencing Er. A. K. Majumder, Lecturer, Mech. Engg. Deptt., B. E. College, Sibpur.

vi) All India Conference on Engineering Materials & Equipment

The sixth All India Conference on Engineering Materials & Equipment sponsored by our Association met with tremendous success under the very able stewardship of Er. A. K. Bhunia,

Convener, Conference Sub-Committee, who inspite of several and severe personal difficulties steered the conference and the seminar on Work Education in a manner which only a dedicated and trusted person as he is could do. The co-sponsors of the conference were Indian Standards Institution, Corporation of Calcutta, Geological Survey of India, Lloyd Insulations (India), Turner Hoere & Co. Ltd., Chemicals & Plastics India Ltd.

About 500 delegates from all over the country participated in the conference which was divided into four sessions, viz., work education, metropolitan transport problem, power generation and transmission, and agriculture. The Chairman of these sessions were Prof. H. C. Guha, Former Vice Chancellor, Jadavpur University, Er. R. B. Sen, Former Engineer-in-Chief & Ex-officio Secretary, P. W. D., Govt. of West Bengal, Er. B. N. Banerjee, Former Chairman, West Bengal State Electricity Board, and Dr. A. N. Bose, Member, State Planning Board, West Bengal respectively. Altogether 31 papers were read by eminent engineers and popular personalities.



All India Conference on Engineering Materials & Equipment

Over and above the six co-sponsors, 102 leading industries, commercial houses and public undertakings patronised the conference in the form of insertion of advertisements in the Golden Jubilee Issue of our Journal published on the eve of the conference. We thank all of them and look forward to their continued patronage.

(Vii) Building Fund

Members are aware that in 1932 the Corporation of Calcutta was approached for lease of 13 cattas of land. The war and political changes arrested attention in other spheres and very little could be done in this respect. The move has been revived with renewed vigour and a Building Sub-Committee has been formed with Er. A. K. Bhunia as Convener. It is hoped that with active cooperation of members, well-wishers and patrons the Association will celebrate its Diamond Jubilee in its own building.

(viii) Diamond Jubilee

The Diamond Jubilee of the Association falls in the year 1979. Preparation to observe the Diamond Jubilee in a befitting manner warrants active cooperation of all of us. The Council invites suggestions from members in this regard.

(ix) Essay Competition for Bruhl Memorial Prize.

Essay Competition for Bruhl Memorial Prize, named after Late Prof. P. Bruhl of Bengal Engineering College, Sibpur has been revived. Bonafide and regular students of Engineering, Technology or Science have been

invited to participate in the contest— the topic is, 'A brighter tomorrow through technology'.

(B) Conferment of Karmavirottama

We conferred the title of 'Karmavirottama' for the year 1975 on Er. Tinkari Mitra, Prof. Hem Chandra Guha, Er. S. Rajagopalan, and Er. A. C. Ray, for their outstanding professional achievement and lifelong dedicated service to the cause of engineering and technology.

(C) Fraternal Associations

We have received assistance And cooperation from different fraternal Associations— particular mention may be made of Federation of Associations of Engineers & Technical Officers (FAETO), West Bengal and Institution of Public Health Engineers, India. We hope that the fraternity will further be strengthened in the years to come.

(D) Struggle of Professionals

We continue to support the struggle of professionals for rightful place in administration. We have urged and are urging Govt. to involve them deeply in the decision-making as well implementing processes. The economic programmes cannot be successful so long the Govt. continues to accord a lower value to a scientist, an engineer or a doctor. Mere cry of brain-drain and passing the buck on to the professionals are not going to be helpful. The immediate necessity is restructuring of the administration in a manner as will enable the professionals to give their best in assisting the Govt. to rebuild our motherland by optimum utilisation of our vast

natural resources through proper use of indigenous science and technology.

(E) Accounts for the year

The audited accounts for the year has been circulated. Members may kindly go through it.

(F) Conclusion

We pay our homage to the old guards whose divotion, diligence and love for the

Association have made our Association what it is today. Our Association did not receive any charter from the alien rulers, nor have we received it from our National Govt. till now. But we are unitedly striving to uphold the objectives and to ensure continued growth of our Association.

Long live The Association of Engineers, India !

Thank you all.

N. R. Banerjea

ARE YOU IN PROBLEMS ? DO YOU NEED TROUBLE-SHOOTING ?

We render consultancy services to Industry for Design,
Development and Production For details, please write to

Er. B. K. Dam, Convener, Consultancy Cell,

The Association of Engineers, India,

24, Netaji Subhas Road,

Calcutta-I.

Phone : 22-6714

MANAGEMENT DEVELOPMENT PROGRAMME

(23rd to 25th Dec., 1975)



A Section of the participants



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