

The Association of Engineers

24, Netaji Subhas Road,

CALCUTTA-1



BRUHL MEMORIAL PRIZE

From the endowment fund of Late Mr. P. Bruhl, Professor Bengal Engineering College and of the Calcutta University two prizes will be awarded for essay competition.

The Subject of the essay is

“ENGINEER AS A NATIONAL ASSET”.

The competition is limited to the final year students of the Degree Colleges/Institutions/University in India. The essay should be written in English on one side of the paper (half foolscap size 13'' x 8''). The Essay not exceeding eight pages.

Essays once submitted will not be returned. The Association reserves the right to publish the essays in their Journal, if considered suitable.

The value of the first prize is Rs. 100/- and the second prize Rs. 30/-.

Competitors are requested to submit their essays by December, 1959 through the head of their Institution to the Office of the Association, addressed to the Secretary. The envelope should be superscribed “Essay Competition”. Name or address of writer should not appear on the essay. Name and address should be written in a separate sheet.

Decision of the Association is final in all matters of dispute.

P. S. Roy Chowdhury
Hony. Secretary,
The Association of Engineers.

The Association of Engineers

ANNUAL REPORT AND AUDITED ACCOUNTS FOR 1957

In Memorium :

The Council of the Association of Engineers recorded with a deep sense of sorrow the demise of the following members of the Association during the year under review :--

Sri Kumud Bhusan Roy, *M.A.E.*

Sri Dharendra Nath Roy, *A.M.A.E.*

Membership :

The number of new members elected during the year to the various grades of membership was 14 as stated below :--

Members : Sri Sukumar Dey
„ Panna Lal Mookherjee (by promotion)
„ Bama Pada Thakur (by promotion)

Associate Members : Sri Amulya Deb
„ Ashutosh Burman
„ Bijoy Kumar Ganguli
„ Chitta Bhusan Roy
„ Dharendra Kumar Kusarye
(by promotion)
„ Khagendra Ch. Chakrabarty
„ Subodh Chandra Mukherjee

Associate : Sri Upendra Mohan Bhattacharjee
„ Kanai Lal Banerjee
„ Baloram Banerjee

Graduate : Sri Hemraj Kothari

The total membership on the roll at the end of 1956 was 459 but the Association lost 4 members during the year, 2 by resignations, 2 by death. The total number of members on the roll at the end of the year was 466.

Examination :

Three candidates for Associate Membership were called for Examination. 16 application for membership to the various grades were rejected.

Council for 1957 :

The Council for 1957 consisted of the following Office-bearer and members :—

President : Sri T. K. Ghosh.

Vice-Presidents : Sri D. S. Desai and Sri A. C. Sen.

Hony. Treasurer : Sri H. N. Chakraborti

Hony. Secretary : Sri P. S. Roychowdhury.

Hony. Asst. Secretaries : Sri M. S. Guha Mustaffi and
Sri D. N. Dey.

Hony. Editor : Sri S. Basu.

Hony. Librarian : Sri G. S. Mitter.

Ordinary Members :

Sri J. N. Basu (past President), Sri P. C. Bose, Sri S. Bandopadhyaya, Sri J. C. Ganguli, Sri N. N. Rudra, Sri S. K. Sur, Sri H. D. Banerjee, Sri P. C. Chakrabarty, Sri G. C. Saha, Sri R. R. Chibba, Sri K. B. Banerjee, Sri C. K. Haldar and Sri N. N. Sen.

8 meetings of the Council were held during the year under review.

Sub-Committees : The following Sub-committees were appointed by the council during the year :—

1. Library & Journal Sub-committee :—consisting the Librarian, Editor, Sri P. C. Bose, Sri N. N. Rudra and ward councillor Sri D. C. Mazumdar.
2. Editorial Board : The following members were elected in the Editorial Board : Sri P. C. Bose, Sri S. Basu, Sri J. C. Ganguli, and Sri D. S. Desai.
3. Finance Sub-committee : The following members were also elected in the finance Sub-committee : Sri H. N. Chakrabarty, Sri G. S. Mitter, Sri P. S. Raychowdhury, Sri S. K. Sur and Sri M. S. Guha Mustaffi.

Annual General Meeting : The 38th Annual General meeting of the Association was held on the 28th February, 1957 under the Chairmanship of Sri D. S. Desai, the President Sri T. K. Ghose being unavoidably absent. The usual business being transacted the Chairman delivered his short and very appropriate address.

Ordinary Meeting : An ordinary meeting of the Association was held on 28th November, 1957, under the Presidency of Sri T. K. Ghose, Sri P. P. Guha, Sri K. C. Roy, Sri P. C. Chakrabarty and Sri S. C. Mukherjee were elected scrutineers for the purpose of ballot for election of members to the Council for 1958 and a paper was read by Sri S. Bandopadhyaya, B. Sc. (Glas), M. A. E. , M. I. E. Chief Engineer, Construction Board, Govt. of West Bengal, on "Housing Construction in the State"

Papers Read :—Interesting papers on the subjects mentioned below were read at the General Meeting of the Association during the year.

1. "Housing Construction in the State" by Sri S. Bandopadhyaya, B. Sc. (Glas), M. A. E. , M. I. E.
2. "Design of Prestressed Storage Tank" and
3. "Prestressed concrete I Beam Subjected to Bending" by Sri U. P. Mullick, B. E. , M. A. E. , M. Inst. W. , A. M. I. E

Journal. Six issues of the journal were published during the year 1957.

Library. The Library and free Reading room is a treasure of the Association and fully taken advantage of by the members and the public as well. This year Sri G. S. Mitter was in charge of it. It has a large collection of books and periodicals coming as they do from many Parts of India, England, America, France, Germany, Rumania, Russia, Australia and Far East. They cover almost all branches of engineering. The Library added the following new books during the year and a number of books were presented by the Publishers to whom grateful thanks of the Association are due.

1. Glasgow University Eng'g Society Year Book. 1957.
2. The Design of Reinforced Concrete Structures, by Dean Peabody.
3. The Theory & Practlce of Modern Framed Structure by J. B. Johnson
4. Roads & Road Construction Year book 1955/56,
5. Highway Engineering by John H. Baleman.

6. Electrical Engineering Theory & Practice by W. H. Erickson
7. Electrical Engineers Reference Book by E. Molloy & M. G. Say.
8. Atom & Atomic Energy by R. W. Hallows.
9. Engineering for Dams by William P. Creager.
10. Electrical Earthing & Accident Prevention by M. G. Say.
11. Cleaning-up Calcutta. by B. K. Sen.
- 12. Engineering Contracts & Specification. by Abbott.
13. Building and Public Works Administration Estimating & Costing. by Spence Geddez.

Accounts.

The Accounts for the year started with a bank balance of Rs. 3244.23 and closed with a balance of Rs. 2897.41. Messrs. T. K. Ghosh & Co. Chartered Accountants, audited the accounts. The Statement of accounts as audited is appended herewith.

Conclusion :

In spite of various problems, the Association enters its 39th year of existence with full confidence and determination. We are grateful to two of our Members who contributed three very interesting and valuable papers, read at the General Meeting, but this is only a fraction of what one would expect from our Association. Many papers that had been promised by some of our members, did not materialise. We appreciate that they are very busy with their professional duties, but we request them to do their best to send their contributions this year so that we may be assured of a better prospect.

The Association continues in its policy of enforcing greater strictness in dealing with application for Membership and consequently the number of newly elected members during the year has been rather low.

Calcutta,
The 24th February, 1958.

P. S. Roychowdhury,
Hony. Secretary.

THE ASSOCIATION OF ENGINEERS

24, Netaji Subhas Rd.

CALCUTTA-1

Budget Estimate For 1958.

RECEIPTS.

		Rs.	N.P.
Opening Balance	...	2886	47
Subscription including Arrears	...	5000	00
Admission Fees.	...	200	00
Advertisement	...	200	00
Diploma Fees	...	50	00
Examination Fees	...	50	00
Corporation Grant For Library*	...	200	00
Institute of Welding (Lond) Indian Branch	...	600	00
		9,186	47
		Rs.	

PAYMENTS.

Establishment	...	1700	00
Rent.	...	1200	00
Journal Publishing	...	1600	00
Library (Books & Magazines)	...	500	00
Postage, Printing & Stationery	...	400	00
Subscription to B.N.C.C.	...	200	00
Meeting Charges	...	200	00
Telephone	...	180	00
Electric	...	40	00
Miscellaneous, Conveyance, Bank Charges	...	150	00
Closing Balance	...	3016	47
		Rs.	

P. S. Roychowdhury
Hony. Secretary.

N. N. Rudra,
Chairman.

THE ASSOCIATION OF ENGINEERS

Balance Sheet as at 31st. December, 1957.

LIABILITIES :	Rs.	N.P.	Rs.	N.P.
Security Deposit :—				
Sri K. K. Basu	...	9 20		
„ N. N. Rudra	...	50 00		
„ K. C. Roy.	...	50 00		
„ P. L. Das	...	50 00		
„ D. S. Desai	...	20 00		
„ S. Basu	...	20 00		
„ D. N. Dey	...	20 00		
„ O. N. Goyal	...	20 00		
„ P. C. Dutta	...	20 00		
„ A. K. Ghosh	...	20 00		
„ S. Mitra	...	20 00		
„ G. C. Saha	...	20 00		
			319	20
Bruhl's Memorial Fund :			30	50
Association Building Fund :			101	00
Sundry Creditors :				
Sri D. N. Dutta		6 00		
Journal Publishing.		322 25	328	25
<hr style="width: 50%; margin-left: auto; margin-right: 0;"/>				
Subscription Paid-in-Advance			156	75
Compound Subscription Paid-in-Advance			197	00
Compound Subscription & Admission Fees			365-	00
Association Fund :				
As per last A/C	11,719	39		
Add Excess of				
Income over Expenditure	321	87	12,041	26
Total Rs.			13,538	96

THE ASSOCIATION OF ENGINEERS

Balance Sheet as at 31st. December, 1957

	Rs.	N.P.	Rs.	N.P.
ASSETS :				
Library.				
As per last A/c	1,723	94		
Add this year	368	83		
	<u>2,092</u>	<u>77</u>		
Less Depreciation	156	95	1,935	82
Furniture :				
As per last A/c	334	92		
Less Depreciation	16	75	318	17
Subscription Outstanding :				
As per last A/c	7,813	50		
Less amount realised	737	00		
	<u>7,076</u>	<u>50</u>		
Addition during the year	1,322	00	8,398	50
Cash & Bank Balance :				
Cash in hand as per cash book				
	10	94		
Cash at Bank.	2,875	53	2,886	47

Total Rs. 13,538 96

THE ASSOCIATION OF ENGINEERS

Income & Expenditure Account for the year ending 31.12.57.

EXPENDITURE :	Rs.	N.P.	Rs.	N.P.
To Establishment	...		1,668	00
Rent	...		1,200	00
Advertisement	...		5	00
Printing & Stationery	...		100	26
Postage.	...		138	50
Journal Publishing	...		1,396	82
Electric Charges	...		3	75
Telephone	...		170	24
Miscellaneous	..		144	46
Meeting Charges	...		101	13
Bank Charges.	...		16	27
Depreciation :				
On Books	156	95		
On Furniture	16	75	173	70
Excess of Income over Expenditure			321	87
			<u>Total Rs.</u>	<u>5,440 00</u>
INCOME :				
By Subscriptions	...		4,230	75
Admission Fees	...		137	00
Diploma Fees	...		21	00
Institute of Welding (Lond) Indian Branch			600	00
Corporation Grant for Library			443	25
Sale Proceed of Journal	...		8	00
			<u>Total Rs</u>	<u>5,440 00</u>

We report that we have audited the Balance Sheet of the ASSOCIATION OF ENGINEERS as at 31st December, 1957 and the annexed Income and Expenditure Account and the Cash Account for the year ending 31st December, 1957 and have obtained all the information and explanations we have required. In our opinion such Balance Sheet, Income and Expenditure Account and the Cash Account have been properly drawn up and the Balance Sheet exhibits a true and fair view of the Association according to the best of our information and explanations given to us and as shown by the books of the Association.

10, Old Post Office Street,
Calcutta-1
Dated, 13th February, 1958

Sd. T. K. GHOSH & CO.
Chartered Accountants.

THE ASSOCIATION OF ENGINEERS
CASH ACCOUNT FOR THE YEAR ENDING 31st. DEC. 1957.

Receipts.		Rs.	N.P.
To	Cash in hand as on 1.1.57.	...	8 92
	Cash at Bank as on 1.1.57.	...	3,235 31
	Admission Fees.	...	137 00
	Subscriptions	...	2,832 50
	Subscriptions (Arrears)	...	737 00
	Subscription Paid-in-Advance	...	156 75
	Diploma Fees	...	21 00
	Corporation Grant for Library	...	443 25
	The Institute of Welding (Lond) Indian Branch	...	600 00
	Sale Proceed of Journal.	...	8 00
	Security Deposit.	...	20 00
	Bank Charges.	...	1 75
	Total Rs.	8,201	48
•			
Payments.			
By	Establishment	...	1,668 00
	Rent.	...	1,200 00
	Bank Charges	...	18 02
	Advertisement	...	5 00
	Journal Publishing	...	1,396 82
	Library (Books & Magazines)	...	368 83
	Printing & Stationery.	...	100 26
	Miscellaneous.	...	144 46
	Meeting Charges.	...	101 13
	Postage Stamps	...	138 50
	Electric Charges.	...	3 75
	Telephone Charges.	...	170 24
	Cash in Hand on 31.12.57.	10 94	•
	Cash at Banks. „ „ „	2,875 53	...
	Total Rs.	8,201	48

10, Old Post Office Street,
Calcutta—1

Dated 13th February. 1958.

T. K. Ghose & Co.

CHARTERED ACCOUNTANTS.

Statement about ownership and other particulars about newspaper (Journal of the Association of Engineers) to be published in the first issue every year after the last day of February.

FORM IV
(See Rule 8)

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1. Place of Publication | 24, Netaji Subhas Road, Calcutta-1 |
| 2. Periodicity of its publication | Quarterly. |
| 3. Printer's Name | Sri B. L. Dey |
| Nationality | Indian |
| Address | 86, Bowbazar Street, Calcutta-12 • |
| 4. Publisher's Name | Sri Sarojaksha Basu |
| Nationality | Indian |
| Address | 24, Netaji Subhas Road, Calcutta-1 |
| 5. Editor's Name | Sri Sarojaksha Basu |
| Nationality | Indian |
| Address | 24, Netaji Subhas Road, Calcutta-1 |
| 6. Name and addresses of individuals who own the newspaper and partners or shareholders holding more than one per cent of the total capital. | Nil |

I, **SAROJAKSHA BASU**, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Dated 1.10.59

Sd/ S. BASU
Signature of Publisher