



News Magazine of The Institution of Engineers(India), Kerala State Centre

Voice of Kerala Engineers

Vol. XVII No.3

April 2021

Price 2/-

CHAIRMAN SPEAKS

Er. K.K Gopalakrishnan Nair FIE



Since the pandemic still continues, the Wednesday talks conducted in association with sister organisations are continued to be on virtual mode. Hope that we can have it in physical mode in another one or two months.

The Council meeting proposed to be conducted on 9th to 11th has been postponed to May because of the increasing threat of the covid 19 across the country.

The vacation class for the students of high school classes will be conducted as usual from 12th April.

Coaching for Gate Examination also is likely to be conducted as in previous years.

The AMIE Examination will be conducted from 15th to 21st in May.

We have requested for permission to conduct the National Convention for Electronics & Telecommunication Division to be conducted in October this year and if allotted, we will have it at Thiruvananthapuram .

All the elections of the IEI will be conducted only on electronic mode and I request all the Members to update the data by incorporating the mobile number and e mail. Also all the communications hereafter will be sent by e mail only.

HONORARY SECRETARY'S DESK

Er. Asok Kumar K FIE



Upcoming Events

07.04.2021 Webinar on "Energy Conservation for Sustainable Development" by Er.K. M. Dharsan Unnithan, Former Director, Energy Management Centre-Kerala.

14.04.2021 Wednesday talk

21.04.2021 Wednesday talk

25.04.2021 73rd Annual General Meeting 2020

28.04.2021 Wednesday talk

WORLD WATER DAY

22.03.2021 Conducted Webinar on World Water Day by Dr.A.Subburaj, PhD, : Head of office, Central Ground Water Board, Kerala region, Trivandrum on the theme "Valuing Water"



SUMMER VACATION CLASS 2021

Summer Vacation Class 2021 starts on 12th April and ends on 19 May. Registration in progress.

AMIE WINTER 2020 EXAMINATIONS

Starts from 15th May and ends on 21st May 2021. Details available in website www.ieindia.org

NOTICE FOR THE SEVENTY THIRD ANNUAL GENERAL MEETING

Notice is hereby given that the 73rd Annual General Meeting of Corporate Members of The Institution of Engineers (India) Kerala State Centre will be held on Sunday, the 25th April 2021 at 3:00 pm in online mode to transact the business mentioned below. All members are requested to attend.

AGENDA

1. Welcome
2. Confirmation of minutes of the 72nd AGM held on 20th October 2019.
3. Annual Report for the year 2019-2020.
4. Approval of the Audited Statement of Accounts for FY 2019-2020
5. Appointment of Auditor and their remuneration for FY 2020-21.
6. Resolutions, if any.*
7. Vote of thanks

Thiruvananthapuram
30-03-2021

* Resolutions, if any, shall be submitted to the Chairman on or before 20-04-2021.

NB: Annual Report 2019-2020, Audited Statement of Accounts for FY 2019-2020 and Draft Minutes of 72nd AGM held on 20th October 2019 is available in the Google Drive Link:

https://drive.google.com/drive/folders/1_tsW9HYXQ0nK7l0zkmZyNO9Z-Neuxlvs?usp=sharing

Sd/-
Er.Asok Kumar K, FIE
Honorary Secretary

101 Years of Relentless Journey towards Engineering Advancement for Nation-building

Draft minutes of the 72nd Annual General Meeting

Date & Time : 20th October 2019 – 11.00 am
Venue: The Institution of Engineers (India) Hall,
Visvesvaraya Bhavan, Thiruvananthapuram

The 72nd Annual General Meeting was called to order by Er.K.K.Gopalakrishnan Nair, FIE Chairman, IEI Kerala State Centre as per the notice dated 01-10-2019.

The meeting started with silent prayer.

1. Welcome

Chairman welcomed all members to the 72nd AGM and requested their full cooperation in smooth conduct of the meeting. One minute silence was observed in memory of the 10 departed members during the last year. Chairman highlighted major developments and events in the centre, including major decisions in the IE(I) council.

2. Confirmation of minutes of the AGM held on 28th October 2018

Er Asok Kumar. K, Honorary Secretary, IE(I) Kerala State Centre presented the minutes of 71st AGM held on 28-10-2018 and that was passed after the same was proposed by Prof.C.Somasekharan and seconded by Er.N.Gopakumar.

3. Approval of the Annual Report, 2018-2019

Honorary Secretary presented the annual report of activities of the Centre from 01-04-2018 to 31-3-2019. After brief discussion, the report was passed after the same was proposed by Er.Udayakumar K.S. and seconded by Er.S.Kumar.

4. Approval of the Audited Statement of Accounts 2018- 2019

The Honorary Secretary presented the audited statement account for 2018-19 prepared by M/s Ratheesan & Co. That was passed by the AGM after brief discussion which was proposed by Er.E.J.Francis and seconded by Er.V.N.Rajan.

5. Appointment of Auditor and fixing their remuneration

The auditors M/s.P.Ratheesan & Co has requested for increase of fees by 25% from the present charges of Rs.40,000/- for KSC and Rs.27,500/- for consolidated statement. After discussion, AGM approved the appointment of M/s.P.Ratheesan & Co as the auditor for FY 2019-20 with revised fees of Rs.44,000/- for IE(I) KSC and Rs.31,625/- for consolidation (increase of 10% and 15% respectively).

6. Resolutions, if any

One resolution was received from Er.N.Hariharan regarding presentation of mementoes in different functions. It was decided that the same will be discussed in the State Centre Committee for taking appropriate action.

7. Discussions, if any, permitted by the Chair.

Nil

8. Vote of thanks

Er.Asok Kumar K, Honorary Secretary, IE(I), Kerala State Centre proposed the vote of thanks. The AGM came to close at 12.00 noon.

Sd/-

Er.Asok Kumar K, FIE
Honorary Secretary

Sd/-

Er.K.K.Gopalakrishnan Nair, FIE
Chairman

To

1. All members of the IEI Kerala State Committee
2. Secretary & Director General, IEI Head Quarter, Kolkata
3. All Corporate Members of IEI Kerala State Centre

Auditor's Report (FY 2019-20)

Report on the Financial Statements

Opinion

We have audited the accompanying financial statements of The Institution of Engineers (India) Kerala State Centre, which comprise the Balance Sheet as at 31st March, 2020 signed by us under reference to this report and the related Income and Expenditure Account and the Cash Flow Statement for the year then ended, and notes to the financial statements, including a summary of the significant accounting policies and other explanatory information (hereinafter referred to as „financial statement“) [in which have been incorporated the returns /accounts received from the various Local Centres of the Institution for the year ended 31st March, 2020 as audited by other auditors and which have been relied upon by us].

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements of the Institution give the information in accordance with the generally accepted accounting principles and the applicable Accounting Standards issued by the Institute of Chartered Accountants of India and read with the Other Matters paragraph below, give a true and fair view of the state of affairs of the Institution as at March 31, 2020 its surplus/(deficit) and its cash flows for the year ended on that date.

Basis for Opinion

We conducted our audit of the financial statements in accordance with the Standards on Auditing (SA) issued by the Institute of Chartered Accountants of India. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Institution in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India (ICAI) together with the ethical requirements that are relevant to our audit of the financial statements and we have fulfilled our other ethical responsibilities in accordance with these requirements and the ICAI's Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Management's Responsibility for the Financial Statements

The Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and cash flows of the Institution in accordance with the accounting principles generally accepted in India, including the applicable Accounting Standards. This responsibility also includes maintenance of adequate accounting records for safeguarding the assets of the Institution and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statement that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institution's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institution or to cease operations, or has no realistic alternative but to do so.

The management of the Institution is also responsible for overseeing the Institution's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement,

whether due to fraud or error, and to issue an auditors report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with SAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institution's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Institution to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that

we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Other Matters

Disclosure on other matters has been reported in the Annexure-III annexed herewith along with other observation stated below. Our opinion is not modified in respect of these matters.

Report on Other Legal and Regulatory Requirements

This report does not contain a statement on the matters specified by the Companies (Auditor's Report) Order 2016 („the Order“) issued by the Central Government of India in terms of sub section (11) of section 143 of the Companies Act 2013 as the said Order is not applicable to the Institution.

We further report that:

1. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit;
2. In our opinion proper books of accounts as required by law have been kept by the Institution so far as appears from our examination of those books;
3. The Balance Sheet, the Statement of Income and Expenditure and the Cash Flow Statement dealt with in this Report are in agreement with the books of account.
4. We further report that according to the information and explanation given to us:
 - I. The Institution has disclosed the impact of pending litigations on its financial position in its financial statements.
 - II. The Institution did not have any long-term contracts including derivative contracts for which there may be any material foreseeable losses.

Sd/-
For P. Ratheesan & Co
Chartered Accountant
Statutory Auditors
UDIN: 20020361AAAADF3800

Sd/-
Chairman

Sd/-
Honorary Secretary

Thiruvananthapuram,
12th September 2020.

Balance Sheet as at 31 st March 2020							
31 st March 2019	LIABILITIES	Schedules	31 st March 2020	31 st March 2019	ASSETS	Schedules	31 st March 2020
Rs.			Rs.	Rs.			Rs.
3,05,67,337.39	Reserve & Surplus	7	3,11,46,974.49	75,58,197.00	Fixed Assets	1	77,47,872.36
					Investments : Long Term		
	Capital Reserve	8			Fixed Deposits with Banks	2	
				9,169.40	Current Assets		
7,05,514.00	Earmarked Funds	9	7,05,514.00		Stock	3	17,123.08
				2,42,07,256.99	Sundry Receivables	4	
					Cash & Bank Balances and short term Fixed Deposits with Banks	5	2,45,82,365.55
5,14,721.00	Current Liabilities & Provisions	10	5,31,808.00	12,949.00	Other Advances	6	36,935.50
					Interest Outstanding and accrued on Investments	2	
3,17,87,572.39	TOTAL		3,23,84,296.49	3,17,87,572.39	TOTAL		3,23,84,296.49

Income and Expenditure Account for the year ended 31st March 2020							
2018-2019			RATIO		2019-2020		
Research & Development	Education	INCOME	R& D	EDU	Research & Development	Education	TOTAL
Rs.	Rs.				Rs.	Rs.	Rs.
		Grant received from Head Quarter:					
5,63,334.40	1,40,833.60	For Manpower Grant	80	20	5,63,334.40	1,40,833.60	7,04,168.00
		For Sr/Jr Most Salaries	80	20			-
		For Leave encashment	80	20			-
		For Bonus/ Exgratia	80	20			-
		For Staff Welfare Expenses	80	20			-
		For Technical activities	100				-
		For Seminars and Symposia	100		40,000.00		40,000.00
		For National convention	100				-
		For International Conference	100				-
		For Recurring Grant	100				-
		For Engineering Congress Grant	100				-
33,950.00		For Election Grant	100				-
		For Technical publications	100				-
		For Jubilee celebration	100				-
		For opening New centre	100				-
		For Best Centre award	100				-
		For procurement of hardware for election	100				-
		Student chapter income					
		For Examinations Expenses		100		72,535.00	72,535.00
		For Convocation Grant		100			-
	2,540.00	For Technician/students chapter		100		203.00	203.00
		For Annual Recurring Grant	80	20	5,18,305.60	1,29,576.40	6,47,882.00
		For Special Repairs Grant	80	20			-
		For Land and Building Grant	80	20			-
		For Non conventional energy Grant	80	20			-
4,800.00	1,200.00	For Incentives	80	20	4,800.00	1,200.00	6,000.00
		For Special Grant	80	20			-
6,13,881.60	1,53,470.40	For Recurring Grant					-
		For reimbursement of TA/DA	80	20			-
	78,216.00	Exam balance amount from HQ					-
		For Miscellaneous Grant	80	20			-
12,15,966.00	3,73,720.00	Sub-Total (A)			11,26,440.00	3,44,348.00	14,70,788.00
		Income Generated by Centre:					
		Receipts for National Convention of Division	100				
		Receipts from Seminars and Symposia	100		1,49,580.00		1,49,580.00
2,52,142.00		Receipts for Technical Activities	100		1,31,375.00		1,31,375.00
2,00,937.00		Agriculture seminar					
23,161.60	5,790.40	Arbitration Fee					
400.00	100.00	Rent for audio system and Nilavilakku					
	750.00	Class room charge					
1,91,646.59		Consultancy charges			73,865.00		73,865.00
	10,93,200.00	GATE course Fee					
		Sponsorship fees	100				

27,950.00		Donations	100		65,600.00		65,600.00
		Lease Rent refund			4,400.00	1,100.00	5,500.00
800.00	200.00	Library subscription and stationery					-
	23,982.00	Receipts for Continuing education		100		3,47,590.00	3,47,590.00
		Receipts for Technicians' Chapter		100			-
		Refresher Course Lecture		100			-
		Advertisement	80	20			
13,12,279.80	3,28,069.80	Interest from Investments & Bank Fixed Deposit	80	20	11,90,384.23	2,97,596.06	14,87,980.29
22,930.22	5,732.56	Interest from Savings Bank Accounts	80	20	3,897.18	974.30	4,871.48
		TDS on Investment & Fied Deposit			1,54,445.29	38,611.32	1,93,056.61
93,265.60	23,315.40	Hall/Space rent	80	20	1,99,793.60	49,948.40	2,49,742.00
		Rent received from guest house accomodations	80	20			-
2,286.40	571.60	Sale of Scrap	80	20	3,660.00	915.00	4,575.00
272.50	68.06	Miscellaneous Receipts	80	20	5,110.30	1,277.57	6,387.87
70,080.00	17,520.00	Reimbursement of hall, cleaning, water, electricity etc					-
19,630.40	4,907.60	Reverse entry income			25,708.00	6,427.00	32,135.00
12,960.00	3,240.00	TDS Collected			23,678.40	5,919.60	29,598.00
		Professional Tax collection			2,048.00	512.00	2,560.00
7,696.00	1,924.00	Travelling allowance reimbursed					-
70.00		Lapel pin income					-
2,39,764.32	59,941.08	GST Received			1,02,690.21	25,672.55	1,28,362.76
1,34,528.00	33,632.00	GST received from Kochi Local centre			29,889.60	7,472.40	37,362.00
		GST received from Palaghat Local centre			20,197.60	5,049.40	25,247.00
		Flood cess			3,576.80	894.20	4,471.00
		Liabilities no longer required written back	80	20			-
3,625.00		Sale of umbrella					-
		Sale of publication	80	20			-
380.00		Sale of Institution Ties and Badges	100		35.00		35.00
	9,169.40	Closing stock				17,123.08	17,123.08
26,16,805.63	16,14,653.90	Sub-Total (B)			21,89,934.21	8,07,082.88	29,97,017.09
38,32,772.00	19,88,373.90	: GRAND TOTAL (A+B) :			33,16,374.21	11,51,430.88	44,67,805.09

2018-2019			RATIO		2019-2020		
Research & Development	Education	EXPENDITURE	R & D	EDU	Research & Development	Education	TOTAL
Rs.	Rs.				Rs.	Rs.	Rs.
	11,244.80	Opening stock				9,169.40	9,169.40
4,92,851.47	8,39,179.53	Salaries and Allowances, etc. to Permanent staff	R	R	3,30,017.27	5,38,449.23	8,68,466.50
		Salaries and Allowances, etc. to Temporary staff	R	R			-
		Staff welfare expenses	R	R			-
37,344.00	9,336.00	Exam expenses to officer in charge					-
	14,606.20	Direct Expenses for conducting Examination	0	100		96,312.90	96,312.90
	1,32,442.58	AMIE Course Expenses					
		Technical Publication	100	0			-

		Expenses for National Convention of Division	100	0			-
2,85,604.14		Expenses for Seminars and Symposia	100	0	1,78,679.05		1,78,679.05
82,614.49	2,195.72	Expenses on Technical Activities	100	0	1,53,389.00		1,53,389.00
		Refresher Course Lecture	0	100			-
		Expenses for Technicians' Chapter Activities	0	100			-
	6,18,774.22	Expenses for Continuing education	0	100		2,18,683.00	2,18,683.00
		M.Visveswaraya Bust			9,520.00	2,380.00	11,900.00
		Onam Illumination			12,000.00	3,000.00	15,000.00
		Centenary Celebration			1,624.00	406.00	2,030.00
	3,984.00	Prize Awarded	0	100		5,526.00	5,526.00
		Convocation Expenses	0	100			-
	1,01,659.36	Expenses for Lectures	100	0	54,120.00		54,120.00
48,002.20		Annual General Meeting Expenses	100	0	18,230.00		18,230.00
		General Meeting Expenses	100	0			-
		Indian Engineering Congress Expenses	100	0			-
		Council Meeting Expenses	100	0			-
3,99,750.00		Committee Meeting Expenses	100	0	1,25,222.00		1,25,222.00
		80Years Honouring expenses			9,139.73		9,139.73
111.00	189.00	Livoris to staff					-
		Data Processing Expenses	80	20			-
47,588.12	11,897.03	Printing and Stationery	80	20	24,620.00	6,155.00	30,775.00
9,135.20	2,283.80	Postage expenses	80	20	10,860.80	2,715.20	13,576.00
42,172.96	10,543.24	Telephone Expenses	80	20	40,117.12	10,029.28	50,146.40
70,504.00	17,626.00	Electricity Charges	80	20	67,003.20	16,750.80	83,754.00
		Advertisement Expenses	80	20			-
16,400.00	4,100.00	Website Maintenance			66,134.40	16,533.60	82,668.00
20,441.60	5,110.40	Water charges paid			10,426.40	2,606.60	13,033.00
500.00		Election Expenses	100	0	500.00		500.00
17,994.76	4,498.69	Bank Charges	80	20	3,432.65	858.17	4,290.82
1,06,124.00	26,531.00	Charges General	80	20	74,320.80	18,580.20	92,901.00
5,357.14	1,339.28	Calender			8,000.00	2,000.00	10,000.00
		Insurance Charges	80	20			-
4,10,877.34	1,02,719.34	Rent, Rates and Taxes	80	20	1,20,543.20	30,135.80	1,50,679.00
12,859.14	3,214.79	Refreshment Expenses	80	20	2,871.20	717.80	3,589.00
52,800.00	13,200.00	Statutory Audit Fees	80	20	54,000.00	13,500.00	67,500.00
	3,86,560.00	Voice of Kerala News letter expense				2,83,947.00	2,83,947.00
20,595.68	35,068.32	Books and Periodicals	R	R	17,129.26	27,947.74	45,077.00
8,028.14	2,007.03	Library expense			23,743.95	38,156.55	61,900.50
96,286.17	24,071.54	Repairs and Maintenance on Buildings	80	20	5,48,983.22	1,37,245.81	6,86,229.03

59,446.94	14,861.73	Repairs and Maintenance on Others	80	20	65,200.76	16,300.20	81,500.96
58,296.00	14,574.00	Travelling and Conveyance	80	20	52,048.80	13,012.20	65,061.00
16,757.51	4,189.38	Miscellaneous expenses			11,523.93	2,880.98	14,404.91
	65,190.57	Vaccation class expenses				9,252.18	9,252.18
1,63,680.00	40,920.00	Flood relief fund					-
		GST Remitted			2,04,184.98	51,046.24	2,55,231.22
		Flood Cess given			5,420.31	1,355.08	6,775.39
		TDS Recovered Synd.Bank			4,007.20	1,001.80	5,009.00
		Cash transfer from cercon to IEI				4,500.00	4,500.00
		TA/DA to Committee Members	80	20			-
		Bad Debts written off	80	20			-
		Fixed assets written off	80	20			-
25,82,122.00	25,24,117.55	Sub-Total (C)			23,07,013.23	15,81,154.76	38,88,167.99
12,43,242.28	5,37,594.23	Excess of Income/exp. over Exp./income [Surplus/(Deficit)] [{A+B} - C = D]			10,09,360.98	4,29,723.88	5,79,637.10
38,25,364.28	19,86,523.32	: GRAND TOTAL (C + D) :			33,16,374.21	11,51,430.88	44,67,805.09

Annual Report for the period April 1, 2019 - March 31, 2020

The Chairman and Members of the Committee of The Institution of Engineers (India) Kerala State Centre have pleasure to present the Annual Report for the period April 1, 2019 - March 31, 2020 at the Seventy-Third Annual General Meeting of IEI KSC on this day the 25th April, 2021.

1. Governance

Er.K.K.Gopalakrishnan Nair, FIE and Er.Asok Kumar K, FIE continued as Chairman and Honorary Secretary respectively along with the Committee Members representing Engineering Divisions indicated against their names for the session 2018-2020, after the 72nd Annual General meeting held on 20th October 2019.

72nd Annual General Meeting

The 72nd Annual General Meeting of The Institution of Engineers (India), Kerala State Centre was held on 20.10.2019 at Visvesvaraya Bhavan, Thiruvananthapuram. Er.K.K.Gopalakrishnan Nair, Chairman welcomed the members and delivered the presidential address. Er. Asok Kumar K, Honorary Secretary presented the minutes of the 71st AGM held on 28th October 2018, which was passed and confirmed. Subsequently the Annual Report for the year 2018-19 and Audited Accounts for the financial year 2018-19 were passed by AGM. Auditor was appointed and remuneration fixed.

Following are the members continuing in the State Centre Committee for the session 2019-2020.

Sl No	NAME	POSITION	PARTY CODE
1	Er K K Gopalakrishnan Nair FIE	Chairman	F-0144262
2	Er Asok Kumar K FIE	Honorary Secretary	F-1110256
3	Er N Rajkumar FIE	Immediate Past Chairman	F-0167055
4	Er Udaya Kumar K S MIE	Immediate Past Honorary Secretary	F-0167055
5	Er V Vijayachandran Nair MIE	Council Member - Kerala	M-1473543
6	Er.M.P.Sukumaran Nair FIE	Council Member	F-0152295
7	Er Jagadeesa Chandra Pisharady S K FIE	Aerospace Engineering Division	F-1153176
8	Er Roy Mathew MIE	Agricultural Engineering Division	M-1443385
9	Ar Binu S MIE	Architectural Engineering Division	M-1361176
10	Dr G Madhu FIE	Chemical Engineering Division	F-0164166
11	Er. R Purushothaman Nair FIE	Computer Engineering Division	F-0163682

12	Er T R Krishnan FIE	Civil Engineering Division	F-0137614
13	Dr Anil Joseph V MIE	Civil Engineering Division	M-1388600
14	Er G Velayudhan Nair MIE	Civil Engineering Division	M-1091608
15	Er N Paul George FIE	Electrical Engineering Division	F-1168262
16	Er Shaji Jacob MIE	Electrical Engineering Division	M-1554735
17	Er N T Nair FIE	Electronics & Telecommunications Engineering Division	F-0143568
18	Dr. Raveendranathan K C FIE	Electronics & Telecommunications Engineering Division	F-1135224
19	Er S Kumar FIE	Environmental Engineering Division	F-1124052
20	Er K Krishnan FIE	Marine Engineering Division	F-0158867
21#	Dr. Bipinbal P K MIE	Materials and Metallurgical Engineering Division	M-1524210
22#	Er Bobby George AMIE	Mechanical Engineering Division	AM1410973
23	Er T C Prasanth AMIE	Mechanical Engineering Division	AM1686605
24	VACANT	Mining Engineering Division	
25	Dr K Vijayakumar FIE	Production Engineering Division	F-0164005
26	Er Bose A T AMIE	Textile Engineering Division	AM1370831
27	Er T P Raveendran FIE	Chairman, Kochi Local Centre	F-1223573
28	Er K Sivasadan FIE	Chairman, Kollam Local Centre	F-1147621
29	Er Bhaskaran K FIE	Chairman, Kozhikode Local Centre	F-0182615
30	Er K. UnniKrishnan FIE	Chairman, Palghat Local Centre	F-1177474
31	Er V G Sankaranarayanan FIE	Chairman, Trichur Local Centre	F-1083046
32	Er K G Chandrasekharan FIE	Outstanding Engineering Personality	F-0106514
33	Er P C Rajan Babu FIE	Outstanding Engineering Personality	F-1115983
34	Er.Sarat Kumar K, MIE (Permanent Invitee)	Editor, Voice of Kerala Engineers	M-1104365
35	Er.S.Radhakrishnan, FIE(Permanent Invitee)	Honorary Director, CERCON	F-1078131

Four members lost membership in the committee due to continued absence, as per the relevant clause in the byelaws and decision of the committee taken during the 11th meeting. These seats remained vacant for the rest of the duration.

\$ Relinquished charge in Feb 2020 due to personal reasons.

Sub committees

i. Editorial Board, Voice of Kerala Engineers

Editor Er.K.Sarat Kumar,
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Goopalakrishnan Nair, Chairman

ii. Library

Er.R.Purushothaman Nair
Er.Roy Mathew
Er.Jagadeesa Chandra Pisharady S.K.
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Gopalakrishnan Nair, Chairman

iii. Skill Development & Entrepreneurship Training

Er.P A Prabhakaran
Dr.G.Pavithran
Er.K.S.Udayakumar
Dr.V.Ganesan
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Gopalakrishnan Nair, Chairman

iv. Building, Land & Liaison With Government

Er.K.G.Chandrasekharan,
Er.N.Rajkumar
Er.R.Satheesh
Ar.Binu S
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Gopalakrishnan Nair, Chairman

v. CERCON & Student Affairs

Er.S.Radhakrishnan,
Er.N.Rajkumar, FIE
Dr.G.Pavithran
Dr.M.Jayaraju
Dr.K.C.Raveendranathan
Dr.K.Vijayakumar
Dr.P.Mohanachandran Nair : Regular courses
Er.Sarat Kumar K. : Consultancy
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Gopalakrishnan Nair, Chairman

vi. Finance

Er.N.Rajkumar
Er.R.Satheesh
Er.R.Purushothaman Nair
Er.Asok Kumar K., Honorary Secretary
Er.K.K.Gopalakrishnan Nair, Chairman

2. Meetings of the State Centre Committee

Nine meetings of Kerala State Centre Committee were held.

1	07.04.2019	Meeting # 5
2	19.05.2019	Meeting # 6
3	16.06.2019	Meeting # 7
4	21.07.2019	Meeting # 8
5	01.09.2019	Meeting # 9
6	20.10.2019	Meeting # 10
7	24.11.2019	Meeting # 11
8	05.01.2020	Meeting # 12
9	16.02.2020	Meeting # 13

Statement of accounts approved by the committee and minutes of the meetings were forwarded to the IEI HQ after due approval.

3. Sub Committees

a) Eleven meetings of the Finance Sub Committee were held.

1	03.04.2019	FC
2	24.04.2019	FC
3	15.05.2019	FC

4	14.06.2019	FC
5	09.07.2019	FC
6	07.08.2019	FC
7	18.10.2019	FC
8	23.11.2019	FC
9	04.01.2020	FC
10	27.01.2020	FC
11	05.02.2020	FC

b) CERCON – One meeting held on 09.07.2019

c) Land & Building Sub Committee – Two meetings held on 03.04.2019 and 07.08.2019

4. Appointment of Auditor

M/s Ratheesan & Co., Kunnumpuram, Thiruvananthapuram was appointed as Auditors for the Financial Year 2019-20 with remuneration of Rs 44000/- for IEI KSC and Rs 31625 for Consolidated Report.

5. Representation in Other Bodies

- Kerala State Centre is included in the Panel of Arbitrators constituted by the Hon'ble High Court of Kerala.
- The Chairman of the Kerala State Centre continued to be a Member in the following Governing Bodies/Committees:

* Governing Body of Energy Management Centre - Kerala. (EMC-K)

* Governing Body of ANERT

6. Publicity

Newsletter "Voice of Kerala Engineers"

Monthly newsletter 'Voice of Kerala Engineers' was published regularly under the relevant provisions governed by Registrar for Newspapers of India during the period with a circulation of about 13000 nos. Print copy of Voice of Kerala Engineers were posted to all State and Local Centres, to the Council members, to the IEI.HQ and the member institutions. Only the E-version is being sent to the Members with effect from December 2019 based on the decision in AGM 20.10.2019.

Website of IEI Kerala State Centre

The website was redesigned and revamped for better user experience. All activities of the centre as well as general information from IEI HQ are being posted in the site for use by members, students as well as the general public including the e version of the VoKE.

7. Other Media

The State Centre published the details of programmes in Newspapers and other media. Dissipation of information through SMS / e-mails were also used for close interaction with members and well wishers of the Institution.

8. Library

During the period under report 15 books were added to the stock. Total stock of books in the library was 2908 as on 31-03-2020. Regular subscription to Newspapers and important periodicals are also made by the State Centre and the same were displayed in the Library. Presently we subscribe

5 Nos of Newspapers

7 Nos of periodicals

13 No of journals

9. Centre for Continuing Education Research and Consultancy Services (CERCON)

Guidance classes were conducted for GATE (Civil) coaching . 10 students attended the class and 3 students qualified in GATE 2020 examination.

10. Engineering Consultancy Services & Arbitration

Consultancy Services: The Institution of Engineers (India), Kerala State Centre offered consultancy services to the Kerala State Biodiversity Board (KSBB), Trivandrum Spinning Mills Limited, Kerala State Industrial Enterprises (KSIE), Kerala Feeds and Kerala State Financial Corporation(KFC). Total of 7 no.of consultancy works were undertaken.

Arbitration: Arbitrator for Vazhani Irrigation Project, Thrissur was appointed by the centre.

All these works were carried by our expert Corporate Members empanelled with us.

11. Membership

The number of Members in the Kerala State Centre as on March 31, 2020 is given below.

Sl No	Type	2020	2019	2018	2017	2016	2015	2013
1.	Corporate							
	a. Fellow	1537	1485	1472	1432	1382	1309	1269
	b. Member	4350	4146	3932	3751	3558	3405	3289
	c. Associate Member	6894	6618	6215	5721	5367	4952	4596
	Total	12781	12249	11619	10904	10307	9666	9156
2.	Senior Technicians and Technicians		27208	26889	26306	25556	24664	23816
	Grand Total		39292	38508	37210	35863	34330	32972

Institutional Member

As on 31-03-2020 there are 37 institutions enrolled as Institutional Members (IM) under the Kerala State Centre.

Engineering Colleges = 36

Organisation = 1

12. Examinations

The AMIE Summer 2019 and Winter 2019 examinations for Sections A and B were conducted at the Centre in an orderly manner. Er.PPKailasanadhan, FIE was the Officer-in-Charge. 585 students attended against the total registration of 1208 nos.

13. Weekly Wednesday Talks

41 nos of technical /general presentations on various topics were made by eminent engineers, doctors, scientists and experts in The Institution Hall as part of the Wednesday talk program. The programme was co-sponsored by IEEE, Aeronautical Society of India, Computer Society of India, Systems Society of India, Project Management Institute, INSARM, Society of Aerospace Manufacturing Engineers (SAME) and ISTD.

14. Renovation of Building and infrastructure

- Painting work was done on both inside and outside as per instruction from HQ, as part of the preparation for the centenary celebrations.
- Bust of Sir.M.Visvesvaraya was relocated to the front side of the building facing the gate.

15. Conventions/Seminars/Workshop

The Two Day All India Seminar during 19th & 20th September 2019 on 'Kerala's water woes-Challenges and Mitigation' as part of the inauguration of the IEI centenary celebrations was inaugurated by Sri.K.Krishnan Kutty, Hon'ble Minister for Water Resources, Govt of Kerala and was co-sponsored by NABARD.

One Day Colloquium AGNI 2019 on "Space Systems Heat Transfer" was held in association with the Indian Society for Heat & Mass Transfer Regional Centre Trivandrum (ISHMT RCT) on 23-11-2019.

One Day Colloquium AGNI 2019 on "Space Systems Heat Transfer" was held in association with the Indian Society for Heat & Mass Transfer Regional Centre Trivandrum (ISHMT RCT) on 23-11-2019.

One Day Workshop on 'Bridging Employability Gap through Skill Delivery Platforms' was held on 9-8-2019.

Workshop on 'Chemical Safety and Sustainable Goals' was held in association with CISSA on 10.07.2019.

16. Observation of Statutory Days of IEI

Following Statutory days were observed in technical programmes as given below:

15.05.2019: Celebrated World Telecommunication and Information Technology Day with a talk on the theme 'Bridging the standardization gap' by Dr. M.Manoj, AGM. BSNL, Thiruvananthapuram

05.06.2019: Celebrated World Environment Celebrations with a talk on "Air Pollution" by Dr.K.R.S.Krishnan, Technology Management Consultant, SCTIMST & Former Director (Tech & Opn), HLL Lifecare Limited.

18.9.2019: Observed the 52nd Engineers' Day coinciding with the 159th birthday of the great Engineer and Statesman, Bharat Ratna Sir M. Visvesvaraya with a Lecture on the theme "Engineering for Change" and was delivered by Dr. Achuth Shankar S Nair, Head of the Department of Computational Biology and Bioinformatics, University of Kerala. A Special Lecture on 'Kuttanad Reconstruction/Rehabilitation Activities after Recent Flood' was also delivered by Dr.N.N.Panicker, Sahajivan Swaraj.

9.10.2019: The World Habitat day was celebrated with a talk on "Frontier Technologies as an innovative tool to transform waste to wealth" by Dr. V. Thankamani, Former professor & Head of Department of BioTechnology, University of Kerala.

15.10.2019: Celebrated the birthday of Dr.APJ Abdul Kalam, Former President of India. Padma Vibhushan Dr.G.Madhavan Nair, Former Chairman ISRO and Former Secretary Department of Space, Govt. of India was honoured and gave a talk on his memories about Dr Kalam.

08.09.2019: Royal Charter Day was celebrated with a discussion on the theme by members.

16.10.2019: Celebrated "World Standards day". Dr.PV Unnikrishnan, Strategic Advisor, Kerala Development Innovation strategic Council(K-DISC) delivered the lecture on "Video Standards Create A Global Stage".

18.12.2019:Energy Conservation day: was celebrated by organizing a technical talk on "Energy Conservation and Reusable Energy" by Dr.R.Harikumar, Joint Director – Energy Management Centre (EMC), Kerala.

04-03-2020: World Engineering Day: was celebrated by organizing a technical talk on "Maradu Flats Demolition – A review" by Dr.Anil Joseph V, MIE, Managing Director of Geo Structural India Pvt Ltd, Kochi.

17. Other Important Events: 73rd Independence Day and 71st Republic Day were celebrated by hoisting the national flag. The birthday of the father of the Nation was celebrated on 2nd October 2019 with a talk on "Gandhian Evolution in Engineering" by Dr.N.N.Panicker.

18. Memorial Lectures

22nd Er.C.S.Padmanabha Iyer Memorial Lecture: Conducted the 23rd Er.C.S. Padmanabha Iyer Memorial Lecture on 12.02.2020 on the theme "Some tips for efficient use of energy and conservation" by Er.K.G.Chandrasekharan, Former Member (Civil), Kerala State Electricity Board & Past Chairman, IEI Kerala State Centre.

27th Er.S.K.Sundaram Memorial Lecture was held following the Awards distribution on 20.10.2019. The memorial lecture was delivered by Er.N.Gopakumar, FIE, Professional Engineer & Deputy Director (Retd) DRIQ, Kerala PWD on the subject 'Construction Practices and detailing in RCC structure'.

19. Summer Vacation classes for High School Students

Summer Vacation classes were conducted from 8th April 2019 to 11th May 2019. The class was conducted in association with Energy Management Centre-Kerala and 26 students attended.

20. Student Chapters

Inauguration of Student Chapter in the Department of Civil Engineering, Marian Engineering College, Kazhakuttam, Thiruvananthapuram was held on 27th January 2020.

21. Special Talk

Special Technical Talk on 'Emerging Trends in Battery Technology for Electric Vehicles' by Er. K. Madhana Mohan, IRSEE, Dy. Chief Electrical Engineer, Railways. (Retd) was held on 30.11.2019.

22. AWARDS – 2019

The following Awards instituted by IEI Kerala State Centre were distributed to meritorious students:

Er. N.Jayakrishnan Nayar Award to the best candidate of Section B Examination (Year 2018) in Mechanical Engineering, appeared from the Kerala State Centre: Er.Manuwer Ansari

Er. C.S.P. Iyer Endowment Awards

To the First Rank holder in M.Tech., Hydraulics Engineering from the College of Engineering, Trivandrum: Er. Abhijith R L

To the candidate who secured the highest marks in the subject 'Water Resources Systems Analysis' in M.Tech., from the College of Engineering, Trivandrum. Award Shared by Er. Abhijith R. L., Er. Lisha Sunny & Er. Thasnim Hussain

To the candidate who secured highest marks in Section A-Diploma of the AMIE Examination (Year 2018) from among those who appeared at the Kerala State Centre. Winner: Ms. Sujamol C

Prize for Max. Attendance in Technical Programs at IEI KSC: Er.V.S.Sivasankaran Nair.

23. A Condolence Meeting was held in memory of Er.R.C.Nair and Dr.D.Babu Paul 17.04.2019.

24. Local Centres

All the Local Centres in Kerala State (Kochi, Kozhikode, Kollam, Palakkad and Trichur) excelled in technical activities during 2018-2019.

25. IEI Alumni Association

AMIE Alumni Day was celebrated on 29-09-2019 with a meeting of IEI Alumni Association-Kerala at IEI Kerala State Centre, Visvesvaraya Bhavan, Thiruvananthapuram.

26. Honouring Corporate Members aged 80 years

Following the AGM on 20.10.2019, The Institution of Engineers (India) Kerala State Centre honoured Corporate Members who have attained the age of 80 years by presenting memento and donning ponnada.

Er.Kesavan Rajan, Er.N.Padmanabha Iyer, Er.C.Jacob Mathew, Er.M.Kannan Santhan, Er.N.Viswanathan Pillai, Er.B.Devappa, Er.N.Gopalakrishnan Nair & Er.Rishikesan.

Following members were also honoured in their absentia by reading out their names.

Er. T.N.R. Bhattathiripad, FIE, Er. K.P. Rappai, MIE, Er. V.S. Ramakrishnan, MIE, Er. N. Venugopalan, FIE, Er. K. U. Varunny, MIE, Er. T.R. Johny, FIE, Dr.A.Achyuthan, FIE, Er John John, FIE, Er. L S Kylas, FIE, Er.Ramesh T. Pai, MIE, Er.E.Abdul Azeez, FIE, Er.A.Radhakrishnan, FIE & Er.PK.Isaac, FIE

27. Financial support from HQ

IE(I) Kerala State Centre received the recurring grant and manpower grant from the IE(I) HQ, as in previous years.

28. Lease Issue

Lease rent case is going in Hon'ble High Court of Kerala with the continuation

of Status Quo. The payment of lease rent cheques were returned as in previous year stating that it was not paid as per revised rates.

29. Training programme for Civil & Electrical Engineers of Kerala PWD

Training programme for Civil & Electrical Engineers of Kerala PWD was conducted jointly with SEED Engineering Academy Kochi from 10-12 July 2019. 30 engineers participated.

30. IEI Centenary Celebrations

The inauguration of State Level Celebrations of the Centenary year of IEI was done by Shri.Krishnankutty, Hon'ble Minister for Water Resources on 19-10-2019.

31. Delay in holding AGM 2020

Due to the COVID 19 pandemic and subsequent prolonged lock down, the AGM couldn't be conducted before the end of October 2020. The IEI had declared 2020 as null and the term of the committee of the Centre for 2018-20 as well as the term of council member from the state were extended by one year. IEI HQ had issued instructions to this effect and hence the committee for 2018-20 is continuing upto October 2021. The election of office bearers for the term 2021-23 will be conducted during this year, ie, 2021 and that of the council member in 2022.

32. Conclusion

The successful conduct of the activities during the year under report was possible due to the guidance, help, support and whole-hearted cooperation from Corporate Members. The State Centre is immensely grateful to all Local Centres for their wholehearted support for the various activities. We sincerely thank our sister professional bodies who played a vital role in jointly organising technical talks on all Wednesdays, throughout the year.

We gratefully acknowledge the support received from State and Central Governments, Government Departments, PSUs, other non-Governmental organizations and Print & Visual Media for their support in conducting the activities of the Centre.

We received wholehearted support from the Members of State Centre Committee, Conveners & Members of Sub Committees, Corporate Members and all the staff members of the State Centre in carrying out the activities.

The Chairman, Honorary Secretary and Members of the State Centre Committee would like to place on record the support received from President, Vice Presidents, Secretary & Director General, Council Members, Chairman of various functional Sub Committees of the Council, Directors of Departments and staff at IEI HQ. We place on record our sincere gratitude to each corporate member of the Institution and the staff for all the help received.

Sd/-

Er.K K Gopalakrishnan Nair, FIE
Chairman

Sd/-

Er.Asok Kumar K, FIE.
Honorary Secretary

RNI No. KERENG/2005/22207



Voice of Kerala Engineers

April 2021

To

If undelivered please return to:

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Disclaimer: The Institution of Engineers (India), Kerala State Centre, as a body, accepts no responsibility for the statements made by individuals.

Printed and published by Er. K.K. Gopalakrishnan Nair on behalf of The Institution of Engineers (India), Kerala State Centre. Printed at Akshara Offset, Kunnumpuram, Thiruvananthapuram (Ph: 0471-2471174). Published at IEL-KSC, Visvesvaraya Bhavan, Opposite Kanakakunnu Palace, Thiruvananthapuram. Editor: Er. Sarat Kumar K.

Registered - Postal Regn. No.

KL/TV(N)/536/2021-23

Licensed to post WPP No.

KL/TV(N)/WPP/42/2021-23 at

TVM RMS

Date of Publication : 07-04-2021