



From the Chairman



Dear friends,

✦ In the early hours of April 13, we learned with great shock that CET lost one of her great sons Dr. D. Babu Paul IAS. He was one of our patrons, a good friend, philosopher and guide. We are all saddened by his unexpected exit from our midst and the wound he left will remain unhealed for quite a long time.

For me, it is a great personal loss. We studied together, three years in the old premises (present PMG office) and the final year in the present campus. Being the multifaceted personality he was, he became the pride of our batch and also the college union Chairman in the final year 1962. After graduation in 1962, Babu Paul joined the IAS in 1964; rest is history.

Members of our chapter met on April 16 to condole the sad demise of our beloved patron and our feelings were conveyed to the bereaved family

✦ We have great pleasure in releasing the April Issue of the News Letter, the last one in the tenure of the present Managing Committee.

In the functioning of our chapter in the last two years, we have been trying to achieve its aims and objectives with the utmost cooperation and involvement of the members in our activities. We could initiate certain programmes like national seminars and training of young Architects, Engineers and Supervisors to equip them to face challenges in their career etc. over and above the regular activities initiated by the previous committee like technical talks, family get-togethers and other cultural performances of our music band 'Ragatharangam'. The big response we received for the training programme is an indicator that we should continue such programmes, targeting different groups, in the agenda of our activities in the coming sessions.

Though there is a sense of satisfaction in setting in motion certain initiatives, I have to admit, we could not complete our agenda in the charity sector mainly due to financial constraints. Another area where we could not reach the target was membership. We have initiated steps to give more publicity to the activities of the chapter and attract more members. I am confident that the new team will give due importance to the matter.

Now, the time has come to pass the baton; we have miles and miles to go. We are all committed to extend all support to the new office bearers, who will take over in the forthcoming AGM, in taking up our chapter and alma mater to greater heights of glory!.

Let me also take this opportunity to express my sincere thanks on behalf of the Managing Committee and my own behalf, to one and each member of our chapter for having supported us with valuable suggestions and participation in all the activities of the Chapter.

With all best wishes and regards,

K. G. Chandrasekharan, Chairman

Editorial Board: MGK Nair, SS Vinod and Pradeep Kumar M



Report of Secretary - CETAAT



The Managing Committee (MC) regularly meets on first Tuesday of every month in Hotel Prasanth, PMG Jn., Thiruvananthapuram. 17th, 18th and 19th MC Meetings were conducted on 3rd January, 5th February and 5th March respectively.

The major events conducted by the Chapter during 1st January to 31st March 2019:

1. Workshop on **Good Practices in Construction Engineering** from 15th to 17th January 2019 at Hotel Prasanth, Trivandrum which was organized by the team headed by Shri Zeril S. Jose by preparing its conceptual proposal and content preparation for the successful conduct of the event. 72 were registered and attended the workshop from different organizations. The Chief Guest of the valedictory function was CETian K. Madhavan Pillai, Chief Engineer (Rtd), PWD of 1958 Batch. The feedback analysis was presented by our Voce-Chairman Er. S. Gopa Kumar.
2. A Technical Talk on **City Water Supply-Status and Challenges** was conducted on 19th

February 2019 at Hotel Prasanth, Thiruvananthapuram and Er. Noushad A. of Kerala Water Authority was the speaker. 33 members were attended the talk.

3. Organized a musical night '**Devaragasandya-Season 3**' styled '**Vayalar Smrithiyil**' as a tribute to Music Legend the late **Devarajan Master** by our own musical troupe **RAGATHARANGAM** on Sunday 17th March 2019, at Tagore Theatre, Vazhuthacaud, Thiruvananthapuram. **Sri. Kadakampally Surendran**, Hon. Minister for Co-operation, Tourism and Devaswom was the Chief Guest and **Sri Vayalar Saratchandra Varma**, the poet son of late Vayalar Ramavarma was the Guest of Honour. All the singers were CETians and their family members including play back artists. More than 1200 music lovers attended the function. The event was well appreciated by the Public including all leading News Papers.

On behalf of the Managing Committee I extend sincere gratitude to all CETians who have supported us to make all our activities a grand success.

Anil Kumar U., Secretary

FORTHCOMING EVENTS

1. **CETAAT Family Get-together on 25th May 2019 at Hotel Prasanth, PMG Junction, Trivandrum.**
2. **7th Annual General Body Meeting of CETAAT is scheduled on 15th June 2019**

CETAAT News Letter

We solicit literary contributions from CET alumni and their family members for the quarterly News Letter being published by CETAAT.

The articles in the form of short stories, poems, cartoons, travelogue etc. will be published in the forthcoming issues of CETAAT NEWS LETTER.

The articles can be mailed to the e-mail : mgknair@gmail.com

THE LEADERS ■

The College of Engineering Trivandrum (CET) started functioning in 1939, under the University of Travancore, which itself was established in 1937, by the then Maharaja of Travancore, Sree Chitra Thirunal Balarama Varma. The college started functioning on 3rd July 1939 at the premises of the present PMG office and the Kerala State Science and Technology Museum. The college was shifted to the present location at Kulathur in 1961. Students then doing their final years in 1961 -1962, had the privilege to be the first batch to graduate from the new premises.

In its nascent phase, CET offered degree courses only in three branches viz. Civil, Mechanical and Electrical Engineering. Diploma courses were also offered in the same engineering streams. In 1939, 21 students were admitted for the degree course and same numbers of students were enrolled for the diploma courses. Besides this, there was also a certificate course with 40 students. Though seven seats were allotted for each branch of Civil, Mechanical and Electrical engineering, some of the seats in the electrical branches were not filled in some of the academic years. Adjustments were made among the branches in order to maintain the total number of seats. Thus, the first batch to pass out in 1943 had 11 civil, 5 mechanical and 3 electrical graduates.

The name and fame of an educational institution is amplified by its illustrious Alumni and the College of Engineering Trivandrum (CET) is no exception. CET boasts of many multifaceted engineers, academicians and administrators among its alumni, who adorned or are adorning the top positions in institutions all over the globe. Among them are leaders who have guided and inspired the younger generation.

CETAAT News Letter will carry a series 'THE LEADERS' which will portray personal details and the professional achievements of senior CETians, with the aim of introducing them to the younger Alumni ■

V. SANKARA IYER



Sri V. Sankara Iyer, former Chief Engineer, PWD, Kerala is an engineer of great repute, well known for his integrity and commitment to work. One of the best structural Engineers the State has ever seen, Sri Sankara Iyer has many buildings and bridges to his credit.

After obtaining B.Sc. (Engg) in 1953 from CET in Civil Engineering with first class, Er. Sankara Iyer did his post-graduation studies in Guindy College of Engineering, Madras, and took his M.Sc. (Engg) in Structural Engineering with

first class in 1959.

Started his career as Junior Engineer in Kerala PWD in 1954. Rose to the position of Chief Engineer in April 1984 and retired from service on superannuation in December 1987. A Fellow of the Institution of Engineers(India) he was Chairman of the Kerala State Centre for the period 1985-1987. A life member of the Indian Road Congress, Sri Sankara Iyer was Vice President for the term 1987-'88. The first edition of the Kerala Engineers' Handbook was prepared by him in 1962.

A structural and foundation engineer par excellence, he has a sound knowledge of behavior of buildings, bridges, water tanks, chimneys or any structure for that matter, under different loading conditions and on different foundation strata. Many prestigious projects like Legislator complex at Palayam, Tagore theatre at Vazhuthacaud, viewers gallery in Chandrasekharan Nair stadium are some of his contributions to the capital city. The 9.00 metre cantilever balcony of Tagore theatre, supported on two storeyed hinged portal frame is a design marvel, a daring attempt by any structural engineer.

Sri Sankara Iyer was also in charge of construction of Thrissur Engineering College including Hostel block, laboratory buildings,

staff quarters, layout of roads, water supply, drainage system etc, An expert in design of bridges, Sri Sankara Iyer has a number of structures to his credit. The Kumbalam- Aroor bridge in NH 47, Thiruvallam bridge in Trivandrum bypass in NH 47, bridges at Baliapattanam, Puduponnani, and Chettuvali; Muttar, Nedumudi, and Pallathuruthi bridges in Alleppey-Changanasseri road, Punalur bridge, Kumbalangi- Perumpadappu bridge, Chandragiri bridge in the State highway are some of his contributions to the State.

As consultant to Natpac, Sri Sankara Iyer prepared the project report and detailed design of four-laning the various bridges in the 55 km of NH 47 from Aluva to Cherthala. Feasibility report and preliminary designs for the proposed 1030 metres long new bridge across Sharavathy river in NH 17 near Honnavar in Karnataka State was also done by him.

Equally competent in the design and erection of steel structures, Sri Sankara Iyer has designed a number of industrial complexes in the State. He was responsible for the design and erection of the Transformers and Electricals, Kerala Ltd (TELK) right during its inception and its subsequent expansions which involved about 2000 tonnes of steel structures, and also the Administration block, Guest house, Canteen, Residential blocks, roads, water supply and drainage system. He worked as Design Engineer in TELK for three years from 1963-'66 on deputation from PWD.

During his tenure in PWD and after his superannuation from service, Sri Sankara Iyer has designed and constructed a large number of buildings with complicated architectural features, bridges etc in and out of the State for many private establishments and statutory bodies.

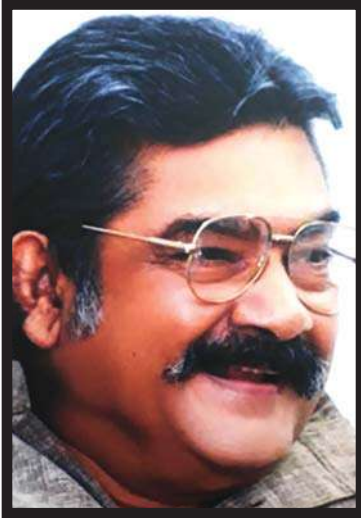
Personified by simplicity, humility, honesty, and exemplary politeness Sri Sankara Iyer won the love and respect of his colleagues and all who came into contact with him.

Having celebrated his 86th birthday last December, Sri Sankara Iyer now leads a peaceful retired life with his wife at EVRA 229, Krishna vilasom road, Thiruvananthapuram..

Compiled by : *K.G. Chandrasekharan, Chairman, CETAAT*

CONDOLENCE MESSAGE TO Dr. Babu Paul's Family

To Sri Cheriyan Paul, Cheerthottam, Mummys Colony, Kawdiar, Trivandrum-695 003



Dear Sri Cheriyan,

We are deeply saddened by the demise of your beloved father Babu Paul who was a great inspiration for all of us and whom we loved from our hearts.

In the meeting of CETAAT members held on 16 April at Trivandrum to condole the sad demise, Babu Paul, who was one of our patrons also, was remembered as a great man, a genius beyond comparison, a scholar, writer, an excellent orator, a person gifted with abundant sense of humour which always reflected in his writings and speeches, a great administrator and above all a kind hearted, virtuous, down to earth human being, who loved and was loved by everyone. He was a solace for anybody who approached him when in need.

On behalf of the members of CETAAT, I convey our heartfelt condolences to the bereaved family on the great loss.

It was an honour for all of us to have known such a great person. He will ever live in our hearts.

May his soul Rest In Peace.

Sincerely yours,

K. G. Chandrasekharan

Obituary: Prof. R. Jayaraman

One of the most beloved faculties of CET passed away on 1-3-2019 at 8.30 a.m. A short note on Prof. R. Jayaraman.



R Jayaraman, former principal of College of Engineering Thiruvananthapuram (CET) and Director of technical education breathed his last at his residence at 8.30 a.m. on 1st March 2019.

Highly respected as a teacher, he had served as professor emeritus, IIT Madras, after his retirement. Prof Jayaraman was also well known for his passion for ham radio operations. Prof Jayaraman was the eldest son of Prof S Rajaraman, the first staff of CET. A gold medallist in civil engineering from CET, he subsequently obtained his PhD in hydraulics engineering from IIT Madras. After his stint as principal, CET, he was appointed Director of Technical Education. He served as professor emeritus, IIT Madras, after his retirement in 1991.

A ham radio veteran with the call sign VU2JN, Prof Jayaraman is a recipient of the first lifetime achievement award of the Amateur Radio Society of India which is affiliated to the International Amateur Radio Union. Prof Jayaraman is survived by wife Kamala, son Anantharaman J, daughters Geetha J and Radha J. Geetha, who is a film maker, with her husband Ian McDonald had made the documentary 'OM: Old Man' on Prof Jayaraman and his passion for the ham radio. The film had won awards at international film festivals.

Born in Thanjavur district of Tamil Nadu state of India in 1936 as the eldest of the four children of Rajaraman and Kalpakambal, he grew up in the adjoining Kerala state where his father was employed. His education as well as professional career were rooted in Thiruvananthapuram capital city of Kerala.

Graduated in Civil Engineering in 1956 from the College of Engineering, Trivandrum and joined the same college as a Lecturer in 1957. Became Principal of the College in 1986.

He took charge as the Director of Technical Education, Kerala in 1987, and worked in that post till his retirement in 1991. Subsequently, he did a 5-year stint as Visiting Professor in the I.I.T., Madras until 1996.

CETAAT Family News



DEVIKA B. S

(Software Engineer in Confianz Information Technologies Pvt. Ltd., Technopark , Trivandrum) ,
Daughter of Balagopal Menon K.,
1984 Mechanical and Sangeetha Balagopal ,
got married to

VYSAKH S. KURUP

(Engineer, Entrepreneur)
on 23rd January 2019 at
Sreemulam Club Trivandrum.



SUDEEP

son of Simon P Varghese and
Bijini Mary Simon
got married to

BETSY

on 28th January 2019
at St George's Orthodox Syrian
Cathedral Trivandrum



DEVARAGASANDHYA-Season 3-Vayalar Smrithiyil)



K. Nandakumar,
Chief Co-ordinator

The Alumni of CET has been a perennial source of talent, whether in technical capabilities or in artistic traits. As years pass by and as we get engrossed in professional and personal demands on our time, we tend to neglect the artistic talents. A few years back, in one of our meetings, a suggestion was made to make an attempt to get together a few of our members who had in yester years exhibited their artistic talents, to form a CETAAT Music Group. 'Ragatharangam', our own Music Group, thus made a humble beginning in 2016, with vocalists as well as instrumentalists from amongst our Alumni and family members.

After entertaining CETians and family members during CETAAT's Family Get-togethers, Ragatharangam enthralled CETians and family members from all over the world, during a mesmerizing 60 minutes, at the 'CETAA Galaxy Global Meet - 2016', at Bolgatty Palace, Kochi. The appreciation showered on the Group's performance by this 'international audience' gave us the confidence to think about a public performance of Ragatharangam.

Considering the never ceasing appreciation of Malayalam music lovers for the songs composed by Devarajan Master, we decided to stage Ragatharangam's first public performance as 'Devaragasandhya', on the 16th March 2017, at the Institution of Engineers Hall. The recognition and appreciation meted out on these performances of Ragatharangam made us think about promoting Devaragasandhya as an annual flagship event of CETAAT, open to the public. We also decided on further refinements to distinguish our event from the common 'gana melas' by selecting a theme for each year's event. Accordingly, Ragatharangam's second public performance, 'Devaragasandhya - Season 2 – with Sreekumaran Thampi' was held on 24th of March, 2018, again at the Institution of Engineers Hall. Twenty songs, selected by Sreekumaran Thampy himself, from among the hundreds that he had scripted, with music set by Devarajan Master were selected and rendered in his presence. Sri Thampy also delivered the "Devarajan Master Memorial Lecture" in his inimitable style. And, and as you all know, the event turned out to be an un-qualified success.

After the event, along with the words of appreciation, complaints also started pouring in; on the inadequacy of the Hall for the event, on the discomforts of a non- air conditioned venue, from those who couldn't find seats and those who had to stand in the corridors. Even though the expense budget turned out to be higher, we decided to go ahead with the venue as the newly re-furbished Tagore Centenary Theatre. The theme for "Devaragasandhya - Season 3" was selected as songs scripted by the great Vayalar Rama Varma and the event was styled as "Vayalar Smrithiyil". We were fortunate to get the acceptance of Vayalar Saratchandra Varma, the accomplished son of Vayalar Rama Varma to attend the event and deliver the Key Note Address.

Twenty two songs scripted by Vayalar were carefully selected, to be representative of the wide canvas of songs in which lyrics of Vayalar had been set to tune by Devarajan Master, to produce some of the eternal film songs of Malayalam cinema. Our artists, especially the instrumentalists, had spent several hours spread over days in repeated practice, honing their skills, which resulted in a near perfect musical performance on the day of the Event. Video Wall backdrop on which visuals carefully selected from video clips associated with the songs were projected along with voice overlays scripted with care and rendered with precision, combined to provide an audio-visual effect which was captivating and created a stage ambience which was comparable with the standards of professional Music Concerts. This along with the excellent acoustics of the Hall created a musical experience of excellent standard.

The Musical Event on 17th March 2019, was preceded by the Inaugural Function. The inauguration was done by Sri. Kadakampalli Surendran, Hon. Minister for Co-operation, Tourism and Devaswom. The highlight of this function was the Keynote Address delivered by Sri. Vayalar Saratchandra Varma, the lyricist son of the great poet. Saratchandra Varma who has established himself as a talented lyricist, proved himself to be an entertaining speaker as well by delivering the lecture with great élan, bringing out several anecdotes associated with Devarajan Master, cinema and music, including those relating to his great father, mother and sisters.

The programme as usual, was well attended by CETians and family members and we had this time, participation by a large number of guests and also representatives of Sponsors. The Hall which has 940 seats was full and those who had come in late had to sit on the stairs. Will we have to locate for "Devaragasandhya - Season 4", a still larger Auditorium!

It should be heartening to all CETAAT members that we have with "Ragatharangam – Season 4", once again, demonstrated what can be achieved, when the talents of our artists are combined with the organizational skills and the sincere and dedicated efforts of our other members.

Devaragasandhya



A View of the audience



Welcome by K Nandakumar



A View of the dignitaries



Presidential address by Chairman



Inauguration by Hon Minister Kadakampally Surendran



Introduction of the Chief Guest by S Gopakumar



Keynote address by Vayalar Sarathchandra Varma



Vote of thanks by Anilkumar



Harikrishnan S



Dr Parvathy Suresh



Ratheesh Kumar



Jose Devassy



Sajeev



Navaneetha



Ananthapadmanabhan

Devaragasandhya.... Contd.



Deepa Rakesh



Vinayachandran



Jayachandran



Dr. Usha Anil

A three day Workshop on **GOOD PRACTICES IN CONSTRUCTION ENGINEERING** was conducted by CETAAT, on January 15,16 and 17, 2019



The objective behind conducting the seminar was to bridge the gap in the knowledge acquired by young engineers/ architects/and supervisors through the curricular activities from Engineering education institutions AND the multi-disciplinary knowledge requirement by stake holders in the in the Construction

Industry. This gap is accentuated by the fact that several new products, techniques and equipment are being offered on a regular basis to the Construction Industry by the vendors in the Industry. Providing their young engineers with the required knowledge & skill sets, in house, by companies in the industry offer many challenges. This Workshop was the result of a well thought out and planned endeavour from CETAAT to bridge the knowledge gap in this sector between the employer and the employed.

The group targeted was mainly fresh Engineers, Architects and supervisors employed or seeking employment in the construction industry.

The Workshop was conducted in three days with two sessions per day, the FN session from 10.00am to 1.00 pm and the AN session from 2.00 pm to 5.00 pm.

After the inaugural session on Jan 15 chaired by our

Chairman, the first technical session was handled by Ar. N. Mahesh, one of the leading architects in the country on 'Architecture- Design and Practice', followed by the AN session on 'Structural Engineering' by Er. Madhumohan, Structural consultant, Willways. Sessions 3 and 4 on the second day, Jan 16, were on 'Electrical Systems and Services' by Er Shaw sumanam, leading electrical consultant, and HVAC systems and services by Er. Anil kumar, ABS, Kochi.

We had the last two Sessions 5 and 6, on the third day, Jan 17, on 'Plumbing Systems and services' by Er MN Rajeevan, Sujala Consultants' and 'Firefighting system' by Er Jolly Mathew, Escorts Engineers, Kochi, respectively.

The workshop was well attended by 72 delegates from various offices/organizations like CTP, Indian Institute of Architects, Indian Institute of Interior Designers, Builders Association of India, PRS Builders, PRS College of Engineering, Iyer and Mahesh Architects, College of Architecture, Trivandrum, and many other individual consultants, builders and self employed individuals and groups.

Certificates were issued to the participants at the valedictory session on the last day by veteran eminent engineer Er. Madhavan Pillai, Former Chief Engineer, PWD.

Ar ZERIL JOSE, (Convenor for the Programme)

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