



OCTOBER 2021 VOLUME-3 ISSUE-1

From the Chairman



Dear CETians & Family members,

CETAAT has completed 8 years of activities. It is gratifying to note that CETAAT has been one among the very active Chapters of CETAA. A very dynamic Managing Committee and members who are genuinely interested in and extend support to the various programmes of CETAAT have enabled us to sustain this level of activities.

It is a matter of pride and pleasure for CETAAT that the issues of CETAAT quarterly News letter were received with enthusiasm by the CET Alumni fraternity. This acceptance gives us the confidence to take forward this initiative and the next issue of CETAAT News letter is being presented to you in October 2021.

The Managing Committee headed by Er. S. Gopakumar had performed beyond anyone's expectations during this pandemic and accomplished a lot of activities in 2019-21. The last 8 years have witnessed a significant growth in the activities of CETAAT. The formation years witnessed hosting of third CETAA Galaxy Global Meet at Trivandrum by CETAAT, the formation of our own music troop – RAGATHARANGAM, launch of music night series – Devaraga Sandhya, Technical Talks, online webinars, launching of Newsletter, website, family get-togethers, charity programmes, Seminars and workshops. The contributions of the former chairmen Er. K. Sreekantan Nair, Er. T.Ravindran, Er. K.G.Chandrasekharan, Er. S.Gopakumar and their respective office bearers are to be applauded.

The ninth Annual General Body meeting held on 19th July 2021 elected a new team with me as Chairman, Er. V. S. Jayachandran and Er. Thomas Job as vice-chairmen, Er. H. Dilipkumar as the Hon. Secretary, Er. Rachel S.K.D and Er. Tarun Udayaraj as Joint secretaries, Er. C. B. Gopakumar as Treasurer and 12 MC members. The new Managing Committee assumed office at the AGM.

The new team will continue the activities previous teams have initiated and also take up new ones. Online webinars, Technical talks, family get-together and Raagatharangam activities will be continues. Workshops and Technical conferences are to be given more thrust. News letter, charity activities and Endowments will be pursued.

Special thrust will be given:

- (i) For enhancing the strength of membership
- (ii) In forming the CETAAT consultancy group
- (iii) Continued charity activities I would like to thank each and every member of CETAAT for their contribution to the successful conduct of activities of CETAAT in the past and appeal to them to continue their patronage to our team 2021 -23 also.
- (iv) Improving the content of our Newsletters. Adding new features like "Nostalgic years CET", family news, Articles from CETIANS on any subject on their choice, etc.

Looking forward to your participation and support in all activities of CETAAT.

Nandakumar K. Chairman

Trivandrum Chapter of CET Alumni Association (CETAA)



Report of Secretary - July 2021 to September 2021



Dear CETAAT Members,

I am gladly presenting my first report as Secretary, CETAAT. I feel privileged to be on this seat and would thank you all for giving me such an opportunity. Also I would thank the outgoing Managing Committee under the Chairmanship of S. Gopa Kumar for their efforts in keeping the momentum of

CETAAT in the pandemic situation.

Annual General Body Meeting

The 9th AGM was held on 19th July, 2021 at Hotel Prasanth, Trivandrum on hybrid mode chaired by S. Gopa Kumar. The Chairperson of the Nomination Committee, Chandrasekharan K.G. presented the nominations for various positions. The new Managing Committee, K. Nanda Kumar as Chairman was elected unanimously. Earlier Dr. Jiji C. V., Principal, CET addressed the AGM and appreciated the efforts of CETAAT in Charity activities. Dr. Jayasree P. K., Secretary CETAA and Renny Koippuram felicitated the newly elected Chairman and Managing Committee.

Managing Committee Meetings

There were three MC Meetings conducted on 19th July, 3rd August and 7th September.

Sub Committees

The Managing Committee constituted nine Sub

Committees on various activities of CATAAT. The Sub committees meet regularly and make proposals for Managing Committee. This has helped in stream lining the activities of the MC.

Technical Talk

Two Technical talks were conducted on online platform on 17th August by Dr. V. R. Lalithambika, 1984 Electrical, Director, Directorate of Human Space Programme, ISRO and on 21st September by P. Ganesh, 1984 Mechanical, Promoter Director, Glass and Glazing Systems P Ltd, GEFAB Facde Solutions P Ltd.

Charity Activities

CETAAT donated Rs. 50000 to "ASRAYA" a Charity Organisation working mainly to support cancer patients in RCC. An amount of Rs. 25000 was taken from the CETAAT Charity Fund and the balance Rs.25000 was shared by the MC members. Also some more charity activities are being planned. I would request whole hearted support of all the CETAAT members for future programmes.

Consultancy Wing of CETAAT

The activities to form the Consultancy Wing, the prestigious function of CETAAT are under progress. The draft Brochure is being prepared. It is hoped that it will materialize soon.

Thank you,

H. Dilip Kumar
Secretary



FORTHCOMING PROGRAMS

- ▶▶ Technical Talk by Dr. Suresh Kumar.K on 19th October, 2021
- ▶▶ Technical Talk by Dr. Jayasankar Prasad on 16th November, 2021
- ▶▶ Workshop in December, 2021

CETAAT Managing Committee 2021-2023

Office	No.	Name	Batch
CHAIRMAN	1	K. Nandakumar	1988
VICE-CHAIRMAN	1	V.S. Jayachandran	1984
	2	Thomas Job	1984
HON. SECRETARY	1	H. Dilip Kumar	1981
HON. JT. SECRETARY	1	Rachel.S.K.D	1984
	2	Tarun Udayaraj	2014
TREASURER	1	C.B. Gopakumar	1985
MANAGING COMMITTEE MEMBER	1	A.K. Nair	1964
	2	P.J. Abraham	1971
	3	B. Gopakumar	1972
	4	K. Madhusudhanan	1977
	5	Jayakumar	1978
	6	M. Pradeep Kumar	1981
	7	Zeril.S.Jose	1987
	8	V. Anilkumar	1988
	9	G. Padmakumar	1988
	10	Jaya.G.Nair	1988
	11	Praveen.S.Kumar	1996
	12	Jose.H.Jones	1997



8th Annual General Body Meeting Photos



8th Annual General Body Meeting Photos Contd..



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

Editorial Board: MGK Nair, KG Chandrasekharan, Jaya G Nair

We are starting a new feature series

“MY CET YEARS”

The first article is presented by Dr. G. Madhavan Nair



Dr. G. Madhavan Nair
Former Chairman, ISRO

I am proud to be CETian, the strong foundation for my career was built here. The memories of my first day in the new campus at Kulathoor are fresh in my mind. We climbed the winding road

leading to the portico and reached the large entrance hall. The walls were smelling of fresh paint and the mosaic floor of fresh polish. At the huge staircase a young man with a thick moustache warmly welcomed me. He enquired about the course details and my background and gladly took me through the admission formalities which were completed in less than half an hour. I was really surprised. Normally we have heard of senior students ragging juniors on the first day but here it was just the opposite. Later he introduced himself, it was none other than our beloved Babu Paul who is no more with us today. Then he revealed that he is a candidate for the chairmanship of the union and wanted me to help not only with my vote but also canvas for him. I did that gladly and he was elected with a vast majority. He always addressed me as aniyam (brother) and on several public functions he fondly used to narrate this incident.

We were the first batch of a five-year integrated course at the new campus. I found the first year syllabi was a repeat of the pre-degree classes and was quite boring. Only silver line was spending a few hours in the workshop where we could lay our hands on brick laying, blacksmith and electrical jobs. That was the concept of work experience then!

Since the campus was new, other than classroom and workshop practically no support facility was available. All essential items like food, water etc. had to be brought from Trivandrum city. We had to be satisfied with the snacks and lunch served in a thatched roof shed. It was a common course for second and third year where we got exposed to all three branches of Engineering. Later it was a special topic related to electrical, Mechanical or civil Engineering. The syllabi was the remains of the British Raj to suit their need for skilled supervisors for building roads, dams, power systems. We were taught engineering aspects of

Thermal and Hydroelectric power plants, power distribution and electrical machinery and in the final year we were given some exposure to electronics and communication. This was very elementary compared to the courses in today's engineering colleges which is ten times larger and covers several aspects of technology.

We were only a small group of 60 students in each branch and had very good rapport with the teachers and professors. They knew each one of us in person and paid attention to enabling us to learn by making use of the library and workshop facilities. We cannot forget the influence of personalities like Dr. Ravikumar, Dr. K. P. P. Pillai, Prof. Bhaskara Menon, Prof. M. T. George, Prof. Ramasamy. and above all Prof. Venkata Raman, who taught me basics of Electronics and Communications. The fundamentals which I learned from him was the foundation for my entire career.

There was an interesting story going around about a senior Professor who used to survive based on the notes prepared ten years back. During the course of a lecture one student stood up and asked some questions. The professor was deeply engrossed in thoughts. After a few minutes he replied to the student that the doubts were genuine and the Professor himself had the same doubt and was trying to find an answer for several years. He advised him to go to the University library to find an answer and report back to him.

They were not rigid about the attendance in the classroom but at the same time were highly demanding on submitting work records and project reports on time. This gave us a lot of freedom. I cannot forget the experience outside the classroom through my close friendship with P V John, Soman Pillai and Sankara Narayanan. We spent more time outside in the teashop, Library or under the shade of trees, discussing all the matters under the sun focusing on sharing knowledge and not on gossip.

Shri P. V. John was a wizard with numbers. I have never seen him using a slide rule or calculators. His preparations for the exams commenced just a week before but he always stood first. Soman Pillai was in the mechanical branch and was a cricket fan, he could roll out the past performance of many of the foreign and Indian players. Shankara Narayanan was active in many of the student activities, elocution competition etc. and was chairman of students union for one year.

After leaving the college we lost contact with each other. Of course all these people have occupied important positions in government or private companies. I met John only after his retirement when he took up the assignment of Professor at Karunya Institute, Coimbatore. Others with whom I had close interaction were Chacko, Chandy, Unnikrishnan, Keshavan Kutty and Kurup. Chandy migrated to the US, Unnikrishnan also ended up in the US. Kurup was coordinating alumni meet of our batch after retiring from KSEB. Kesavan kutty spent some time in gulf and now settled in Canada. In the whole batch there were only three girls Prasannakumari, Raechel Mathew and Annamma, compared to more than 50 per cent seats occupied by girls in most of the colleges today.

Prof. K. C. Chacko was the principal during this period. In addition to being a good administrator he had a human touch and was friendly with the student community. However, my parting with him was not very pleasant. We were the first batch of students who had to give a bond to serve the state government for three years after completing the course. Within a couple of days of announcing the results I got appointed as a lecturer in CET. This was with lightning speed compared to the schedule for appointments that can stretch for a year or two now. Somehow I was not comfortable with this assignment and was looking for something new and challenging. This is the time the atomic energy program was recruiting fresh engineers and I was called for an interview at Mumbai. Somehow I convinced the HOD and got leave without pay for a few days. Immediately on return I received a telegram from BARC I was selected and was to report at the training school within two weeks. I met Chacko sir and requested him to relieve me from CET. Somehow he was not in a mood to break the

conditions of bond and the relieving may take a few months for completing administrative formalities. I was really frustrated and left CET without a formal relieving order. This could have led to a lot of litigation. But later I came to know that the kind hearted Chacko sar has somehow resolved the issue without harming me.

Two events kindled my interest in space, the first one in which a part of a rocket launched from Thumba Equatorial Rocket Launch Station landed on the rooftop of our college. This triggered the thought process of what was happening at Thumba on rocket launches. The second one was when we were assembled for a college day celebration in the open air auditorium. In the twilight we spotted a bright object travelling in the sky from horizon to horizon in about ten minutes. Our enquiries led to the US satellite Echo which was a huge balloon with a reflecting surface for communication purposes. May be these sparks remained in me and that is perhaps the reason I jumped into an uncharted career in Space research. Learning process continued while working in ISRO exposing to Rocket Satellite, astrophysics etc. Of course, I do not have any regrets since this change has opened up several challenges in Space exploration where I could contribute to the best of my ability.

The friendly and peaceful atmosphere in the campus coupled with close relationship between student and teacher truly reflecting Gurukula culture is the hallmark of CET Kulathoor when it started. The stress was more on guiding the students and enabling them to acquire knowledge rather than preparing only for the examination. CET continues to be a prime institute for engineering though some of the charm is lost due to politics entering the campus.



LEADERS WHO INFLUENCED THE NATION--FROM CET

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



Dr. A. ACHYUTHAN



We are happy to introduce Dr. A. Achyuthan, 1954 graduate of CET, who has risen to very great heights in his professional life. Dr. Achyuthan after his graduation in 1954 in Civil Engineering from CET took his MS in 1959 from University of Wisconsin, USA and PhD from IIT, Madras in 1975. He had his

schooling at Cherpu and Intermediate at St. Thomas College, Thrissur before joining CET in 1950.

After graduation, Dr. Achyuthan joined Kerala PWD, served as faculty member in Govt. Engineering Colleges at Thrissur, Trivandrum and Regional Engineering College, Kozhikode (now NIT). He was the Dean and Director of Academic Staff College in University of Calicut. Also had a tenure in STED council (Scientific and Technical Education Development Council), Govt. of India as Project Director.

Other positions held by him include:

- Chairman, Board of Studies in Environment Science, University of Calicut.
- Member, Board of Studies and Faculty of Engineering, University of Calicut.
- Member, Academic Council of University of Calicut
- Member, Board of Studies of Kannur University and Sri Sankara Sanskrit University.
- Secretary and President of Kerala Sasthra Sahithya Parishat
- President of the Society for the Protection of Environment, Kerala.

- Member, Expert Advisory Committee of NSTEDB (National Science and Technology Entrepreneurship of Department of Science and Technology), Govt. of India
- Chairman, Task Force on Housing, Kerala State Planning Board.
- Member, Task force on Energy of Kerala State Planning Board.
- Member, Standing Committee on Distance Education and Academic, University Grants Commission.
- Executive Director of Vasthuvidyapratisthanam, Kozhikode.
- Chairman of the Govt Enquiry Committee on the use of Endosulfan in the PCK Plantation, Kasargode.
- Member of the Enquiry Committee on the failure of Surgeshaft suspension rope of Lower Periyar Hydro Electric Project (KSEB).
- Chairman of the Peoples' Commission on Coca Cola plant at Plachimada.

Dr. Achyuthan has published Nineteen Books apart from a number of Technical papers and articles in many Journals. He is also very active in professional societies, is a Member of Indian Society for Technical Education (MISTE) and is a Fellow of the Institution of Engineers, India (FIE).

Very well known and popular in the social circle of Kozhikode, very polite and humble in nature. Dr. Achyuthan, past 88 years now, is leading a peaceful retired life in Kozhikode with his wife Smt. Sulochana. His son Dr. Arun Achyuthan, a PhD holder in Electronics is in Ottawa, Canada, and daughter Dr. Anupama A. Manjula, MD, is a Professor of Medicine in Govt. Medical College, Manjeri.

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

WEBINAR Series

1. Webinar on Space Exploration's challenges and opportunities 17th August 2021

The talk was delivered by Dr. V. R. Lalithambika, Director, Directorate of Human Space Program at ISRO, alumnus of CET.



Dr. V. R. Lalithambika passed out with Bsc. (Engg) in 1984 from CET in EEE and carried out her PG course in Control Engineering also from CET. She was awarded Ph.D in 2009.

The talk was held on virtual platform and attended by over 180 participants including those from outside India. K. Nanda Kumar, Chairman CETAAT welcomed the participants and V. S, Jayachandran, Vice Chairman CETAAT introduced the Speaker. The talk highlighted the challenges in space exploration and the potential research areas in this field. The subsystems involved in a typical space transportation system were outlined and the multi disciplinary nature of the system was brought out.

The technological challenges of space exploration in various domains were summarized. The limitations in the current transportation technology, which leads to a low payload fraction, and the technological breakthroughs required in the domain of propulsion and materials to improve the present system were highlighted. The hazards posed by the challenging space environment for the various subsystems including the avionics and structures as well as the crew, and the advances in power and propulsion needed to enable deep space missions were touched upon. The mission design aspects for both the ascent mission, and the interplanetary missions were presented briefly. The importance of reliable communication with spacecraft to achieve mission success and the need for a high degree of autonomy for deep space missions was also one of the aspects covered. In the concluding part of the talk, the need for human centric engineering systems in crewed missions, the human related challenges and their mitigation was presented by the speaker in her lucid and simple way.

There was an active question and answer session at the end of the talk moderated by the past Chairman S. Gopa Kumar. The topic and talk was well appreciated by the participants.

A virtual memento was awarded to Dr. V. R. Lalithambika by K. NandaKumar as a token of gratitude and H. Dilip Kumar, Secretary CETAAT proposed the vote of thanks.



2. Webinar on “Entrepreneurship-The way Forward”

By P. Ganesh, 1984 Mechanical Engineering, Promotor Director, Glass and Glazing Systems P. Ltd, Gefab Facade Solutions P. Ltd.



The webinar was held on virtual mode on 21st September, 2021 at 6.30 pm. K Nanda Kumar, Chairman, CETAAT welcomed the speaker and the participants (around 90 of them). Thomas Job, Vice Chairman, CETAAT introduced the speaker.

P. Ganesh started his presentation by defining an entrepreneur as one who would identify an opportunity, study the facts, apply his available skills or outsourced skills, find solutions to the problems improve his products and services and also earn a living for those around him and himself. In the process, an entrepreneur would thus enable growth of the enterprise and also create a sustainable enterprise model. Entrepreneurship, in the words of Ganesh, is a virtue of life achieved by encouraging young minds to think independently, take initiatives, actions, and decisions on their own, to organize themselves and thus enabling them to become responsible citizens. He pointed out that anyone can become an entrepreneur - a person who leads by example, who initiates a process and consistently apply his mind till completion of the task undertaken.

The speaker highlighted how the ecosystem has changed for the better in Kerala wherein the state has initiated societal changes which have contributed to

the evolution of many enterprises. Among the many examples, he cited the amazing growth of ULCCS. ULCCS which was once a co-operative society providing only labour, is now one of the largest firms in construction industry - capable of undertaking any type of mammoth Projects attached with airport, highways, bridges, multi storied buildings. He also mentioned the success of modern day enterprises like Starbucks, Keto health diet, Jackfruit 360, cleaning equipment for Railways founded by IIT Alumni, and Zomato.

Pre-independence, the value of human intelligence was not known to anyone in our country. The importance of human intelligence as capital and the need to modify with time for successful entrepreneurship was brought out.

The impact of good industry- institute partnership, with the Institute acting as a research ground to find solutions to the problems faced by the industry to enhance productivity is another factor. There, each faculty acts as an entrepreneur with the student a trainee. The industry acts as a practical training ground providing an opportunity to identify specific problems and create solutions through fruitful interactions with the institute.

Ganesh also spoke of creating a mid-corporate within the local region by aligning businesses under a common app; thus optimizing the resources and supply chain. The term of Edu-bridge which would connect education and application was brought also out. The various opportunities in construction



industry, usage of various software like Auto CAD, Rivet, Rhino, etc., Project Management Services, work sequencing, quality assurance and control, Safety of human and enhanced per-capita output was presented. In his view entrepreneurship could become a successful way of life at any age irrespective of the geographic location with modern day digitalization and Artificial Intelligence acting as catalysts in the process.

The importance of mentoring and coaching to connect entrepreneurs with the right people at the right time and the need for basic education to provide a perfect platform for assimilating knowledge required for professional growth was well presented.

Ganesh concluded extorting the younger generation

to finally make the world a Sustainable, Inclusive & High Growth Environment by successful entrepreneurship.

There was an active question and answer session at the end of the talk moderated by the past Chairman, Ravindran T. Nair for more than 30minutes. The topic and, the inspiring talk by the courageous entrepreneur P. Ganesh were educative and well appreciated by the participants.

For the great effort and enthusiasm taken by the successful entrepreneur P. Ganesh and the wonderful presentation a virtual memento was presented by K. Nanda Kumar, Chairman, and H. Dilip Kumar, Hon. Secretary, CETAAT, proposed the vote of thanks.

Mr. Premkumar, 1983, Mech, writes about a faculty, who influenced him Most. Dr. Ravikumar

Premkumar, completed his studies at CET (Mechanical Engineering 1983), and joined the Liquid Propulsion Project at ISRO 1983 -1986.

Took his MBA in Quantitative Analysis and Operations Management from the University of Wisconsin-Madison (1988) led to a 30 year long career with Ford Motor Company. For three decades he held positions in various disciplines ranging from Manufacturing to Finance and Product Development Awarded a U.S. Patent for Non-Contact Laser Wheel Alignment Systems and the President's Award for Business Leadership Initiative.

Now happily retired and shuttling between Ann Arbor, Michigan and Trivandrum. Hobbies include research on automotive and aeronautical history – primarily to help friends write and publish books!



A few scant weeks ago, we celebrated Guru Poonima. A day to reaffirm our Guru and their teachings with love, devotion and respect.

We often think of Guru as one who guides us on purely a spiritual path. Nothing could be farther from the truth. There are Gurus, great ones, who lead us through the knowledge they impart and the example they set. In our daily, mundane, earthly

and professional life.

One such is Dr. Ravi Kumar (Sir). A man of few words, deep intellect, integrity and a heart of gold. The bonds he formed with the many generations he taught will be remembered with fondness.

Even before he became my teacher, I had heard of him from my late Uncle. They had played hockey together on the CET Team. Uncle's description of a "gentle giant" who excelled in the classroom and on the field could not have been more accurate. As a young "know it all" after Pre-Degree, I was debating between

Mechanical Engineering and Naval Architecture. My Father's sage advice - "Njan Raviyodu chodikkam. His opinion will be accurate".

I had been selected for a prestigious NCC Air Wing All India Camp, held in the middle of the Semester. I sought his help and advice. Sure enough he came through, with all encouragement and blessing!

Fast forward a few years to my interview at the Vikram Sarabhai Space Centre. First, a few opening questions. The Chairman of the Committee then asked what my elective had been. "Propulsion Engineering", I answered. "Who was your Professor?". "Dr. Ravi Kumar" was the confident reply. Maybe I am imagining, but to me it felt like they all looked at each other with great satisfaction. In a few days, I was part of the Liquid Propulsion Group. Such was the esteem that professionals held Dr. Ravikumar in. Throughout my life and career, I have been confronted by a choice I had to make. I used to ask myself what Ravi Kumar Sir would have done in that situation. The choice I made has never ever been wrong.

It is not often that someone continues to influence one throughout their life. And someone who you continue to hold in reverence and with great affection.

Guru Kadaksham Paripoornam. "To Sir with Love". And deep gratitude!

CETAAT FAMILY NEWS



Sharath,

Son of Er. Verghese Mathew,
1986, Civil
and

Linu,

got married on 12 June 2021

**CETAAT wishes the couple, a
very happy and Prosperous
married life.**

Charity Activities



Thomas Job
Chairman, Charity Sub-Committee

“ASRAYA” is a Charity organisation in Trivandrum with the objectives to render physical, financial and moral support to cancer patients. They also aim at care and entertainment to sick children, care and solace to patients under palliative care and chemotherapy.

CETAAT decided to give a support to ASRAYA as a part of our charity activities. A cheque for Rs.50,000 was handed over to Santha Jose, President ASRAYA by K.Nanda Kumar, Chairman on 28th September.



**PROUD TO BE ALUMNI-AE OF COLLEGE OF ENGINEERING,
TRIVANDRUM, 1981 ELECTRONICS & COMMUNICATION BATCH**



Er. PRADEEP KUMAR M.

B.Sc. Engineering, PGDCP, CQE, CSQP, FIE, FIIQM, LMISTD

- Former Head - Operations, KELTRON - AISN Division
- Former Principal Lead Auditor & Lead Tutor, Bureau Veritas
- Empanelled Management Systems Auditor with QACA
- Management Systems Consultant, Auditor and International Tutor
- Certified Software Quality Professional
- Certified Quality Engineer
- Fellow, The Institution of Engineers (India)
- Fellow Member, Indian Institute of Quality Management
- Life Member, National Institution for Quality and Reliability
- Life Member, Indian Society for Training and Development
- Life Member, Trivandrum Management Association
- Vice President, Federation of Jesuit Alumni/ae Associations of India – South Zone
- Governing Council Member, Federation of Jesuit Alumni/ae Associations of India

Er. SHEELA DEVI B.

B.Sc. Engineering, PGDCP, CSQP, FIE

- Retired Chief General Manager, KELTRON
- Consultant for ISO 9001 QMS, ISO 14001 EMS, ISO 27001 ISMS
- Fellow, The Institution of Engineers (India)
- Certified Software Quality Professional
- Life Member, National Institution for Quality and Reliability
- Life Member, National Institute of Personnel Management

SERVICES OFFERED:

- *Consultancy and Guidance in Business Operational Excellence*
- *Consultancy, Auditing and Training in Management Systems – ISO 9001 QMS, ISO 14001 EMS, ISO 45001 OHSMS, ISO 27001 ISMS, ISO 20000 -1 ITSMS, TL 9000 ICT QMS, etc.*
- *Risk Assessment and Gap Analysis of Organizations*
- *Training in Soft Skills, Personality Development and Team Building*

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