



# ATOMIC ENERGY CENTRAL SCHOOL-2 & HIGHER SECONDARY SCHOOL KALPAKKAM

## E- MAGAZINE 2019-2020

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### AEES TROPHIES (HIGHER SECONDARY)

2017-18

1. DR.HOMI BHABHA TROPHY FOR THE BEST OVERALL PER-  
FORMANCE
2. DR. RAJA RAMANNA TROPHY FOR THE BEST CO-SCHOLASTIC  
PERFORMANCE.
3. DR.HOMISETNA TROPHY FOR THE BEST PERFORMANCE IN  
SPORTS

2018-19

DR.HOMISETNA TROPHY FOR THE BEST PERFORMANCE IN SPORTS



डॉ. अरुण कुमार भादुड़ी  
प्रतिष्ठित वैज्ञानिक एवं निदेशक



सत्यमेव जयते

भारत सरकार  
परमाणु ऊर्जा विभाग  
इन्दिरा गाँधी परमाणु अनुसंधान केन्द्र  
कल्पाक्कम 603 102, तमिलनाडु, भारत

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH  
KALPAKKAM 603 102, TAMIL NADU, INDIA

**Dr. Arun Kumar Bhaduri**  
Distinguished Scientist & DIRECTOR



### Message

I am happy that Atomic Energy Central School 2, Kalpakkam has been publishing its E-Magazine presenting a glimpse of school activities. My best wishes to the team for bringing out this edition for the academic year 2019-20.

It's heartening to know that AECS-2, Kalpakkam has lifted the prestigious Dr. Homi Sethna Trophy awarded by the AEES, Mumbai for the Best Performance in Sports among all the AECS/JC for the Academic Year 2018-19. And, it is encouraging that two students cleared the National Level Talent Search Examination.

I am happy to recall that AECS-2, Kalpakkam received the prestigious Dr. Homi Bhabha Trophy for the Best Overall Performance, Dr. Raja Ramanna Trophy for Best Performance in Co-Scholastic Areas & Dr. Homi Sethna Trophy for the Best Performance in Sports for the Academic Year 2017-18. I only wish the winning streak has to be continued with renewed zeal and vigour to achieve more laurels.

I take this opportunity to congratulate the Principal, the staff, the students and the entire team for the commendable achievements.

I extend my greetings for the publication of E Magazine and wish you all success in your future endeavours.

With regards,

(Arun Kumar Bhaduri)



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### Vice Chairman's Message

First and foremost, I extend my heartiest greetings to Atomic Energy Central School 2, Kalpakkam for bringing out this E - magazine on the occasion of the Annual Day celebrations 2019-2020. I also wish to express my appreciation and admiration for the role played by the school in providing all round development to the children of the DAE Townships and also the children from the neighbouring villages.

It is a common belief that good education is that which helps to build good character and personality of a child. John Wooden once said "Ability may get you to the top, but it takes character to keep you there."

The accomplishments in the recent past reflects the dedication and diligence of the entire team of AECS 2, Kalpakkam which focuses on overall development of the students with an emphasis on Quality Education.

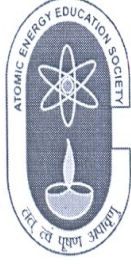
I take this opportunity to once again compliment the Principal, the staff and the students and wish them all the best.

A handwritten signature in black ink, appearing to read 'V. Manoharan', with the date '23/1/20' written below it.

(Mr. V. Manoharan)

Director, Engineering Services Group,  
Associate Director, Medical Group, GSO,  
Vice Chairman, LMC, AEC Schools, Kalpakkam/ Anupuram





## परमाणु ऊर्जा केन्द्रीय विद्यालय-2, कल्पाक्कम

ATOMIC ENERGY CENTRAL SCHOOL-2, KALPAKKAM

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[विद्यालय संहिता/ School Code: (old पुराना) 46172 (new नया) 59048]]



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### From the Principal's Desk

The world today is changing at such an accelerated rate and we as educators need to pause and reflect on the entire system of education.

We at Atomic Energy Central School 2, Kalpakkam strive to equip the young minds with Critical thinking and problem-solving, Agility and adaptability, Curiosity and imagination and Effective oral and written communication.

Our task, regarding creativity, is to help children climb their own mountains, as high as possible; no one can do more – Loris Malaguzzi

Excellence is an art won by training and habituation. We do not act rightly because we have virtue or excellence but we rather have those because we have acted rightly. We are what we repeatedly do. Excellence, then, is not an act but a habit.

Join us on the eventful journey traversed by Atomic Energy Central School 2, Kalpakkam with glimpses of the various activities conducted in our campus in the academic session 2019-2020.

May all your good wishes bless our School to achieve excellence always and every time!

(G.Ramchander Goud)  
PRINCIPAL



## PROMOTION

Mr. Ramanjaneya, PGT(Chemistry) promoted as Vice-Principal and joined AECS-4, Mumbai.



Mr. Ramanjaneya  
PGT(CHE)

## SUPERANNUATION

Mr. J. Joseph James TGT(English) retired on superannuation on 31<sup>st</sup> March 2019 and Mr. V Ravi TGT(Social Science) on 31<sup>st</sup> January 2020.



Mr. J. Joseph James  
TGT



Mr. V Ravi  
TGT

## NEW ARRIVAL

Mr. S Brahamachary PGT(Biology) joined our school on 27<sup>th</sup> June 2019 from AECS 1, Hyderabad.



Mr. S. Brahamachary  
PGT(BIO)

## SPECIAL ACHIEVEMENT

Dr. K Vijaya, TGT(PET) was selected as one of the Technical officials for the Khelo India Youth Games 2020 held at Guwahati, Assam between 10<sup>th</sup> January 2020 and 22<sup>nd</sup> January 2020.



## NTSE

Five students Medha D, Dhanush S, Oviya G, Dharshini A and Kanmani R passed the state level National Talent Search Examination conducted for Class X in November 2019. Two students Kanmani R and Oviya G passed the national level NTSE-2019.



KANMANI R



OVIYA G

## TRANSFERS

This year, we bid farewell to the following teachers:

Mr. P. Muraleedharan Nair PGT(Biology) to AECS, ANUPURAM

Mr. D Jayakumar PGT(Physics) to AECS, KAIGA

Mr. P Saravanan PGT(Physics) to AECS, MYSURU

Mr. G. Tamilvendan PGT(Computer Science) to AECS 1 JADUGUDA

Mrs. B V Ramabhavani PGT(Maths) to AECS 4, MUMBAI



Mr. P M Nair  
PGT(BIO)

Mr. D Jaya Kumar  
PGT(PHY)

Mr. P Saravanan  
PGT(PHY)

Mr. G Tamilvendan  
PGT(CSC)

Mrs. Ramabhavani  
PGT(MATHS)

## ORIENTATION PROGRAMME FOR STAFF

Mr. P Rajendran, Vice Principal participated in the Training Programme for Procurement Policy Division, Ministry of Finance, Government of India on Public Procurement from 14th to 19th October, 2019.

Mr. G Mohan PGT(CSC) attended the 7 days orientation training programme for NSS Programme Officers from 10.10.2019 to 16.10.2019 at Madras School of Social Works, Egmore, Chennai.

Mrs. M Prital Yesumani TGT attended the Annual Training cum Orientation Programme held on 4<sup>th</sup> Jan 2020 at Bharatiya Vidya Bhavan's Rajaji Vidhyashram, Chennai.

Mrs. K Velvizhi TGT (Tamil) and Mr. Vijay Kumar Mishra TGT (Maths) participated in the Value Education Training Programme held on 8<sup>th</sup> and 9<sup>th</sup> April 2019 at SRKM Sarada Vidyalaya Girls Hr Sec. School, Chennai.

Mrs. T Jayanthi TGT (Science) and Mr. Vijay Kumar Mishra TGT (Maths) participated in the CERN South Asia Science and Education Programme held from 22<sup>nd</sup> to 26<sup>th</sup> April 2019 at Shiv Nadar School, Noida (New Delhi, NCR).

Mrs. R Chandrika PRT and Mrs. Rinzin Khando PRT participated in English Improvement Programme conducted by CBSE - Capacity Buildup Programme on 15<sup>th</sup> & 16<sup>th</sup> November 2019.



Mr. P Rajendran  
VP

Mr. G Mohan  
PGT

Mrs. Prital Yesumani  
TGT

Mrs. K Velvizhi  
TGT

Mr. Vijay K Mishra  
TGT

Mrs. T Jayanthi  
TGT

Mrs. R Chan drika  
PRT

Mrs. Rinzin Khando  
PRT

# ACADEMIC TOPPERS—XII STD.

## Science Stream—Biology



**I—SREERATCHA B**  
578/600 (96.3%)



**II—INITHA M**  
560/600(93.3%)



**III—KAVYA H**  
555/600(92.5%)

## Science Stream—Computer Science



**I — JAYASHRI R T**  
578/600(96.3%)



**II—KOUSHIK NARAYAN R**  
575/600(95.8%)



**III—VIJAYASHREE V**  
559/600(93.1)

## Commerce Stream



**I—SAVITHRI V**  
509/600(82.5%)



**II — JANANI SS**  
479/600(79.8%)



**III—EZHILARASI S**  
454/600(75.6%)



## TOPPERS OF CLASS X

The pass percentage in the X standard CBSE Examination was an outstanding 100. The first position was secured by R. KANMANI(96.8%) followed by D. MEDHA(96.6%) and N. SASI SHRILEKHIYA( 96.4%).



**I—KANMANI R**  
484/500(96.8%)



**II—MEDHA D**  
483/500(96.6%)



**III—SASI SHRILEKHIYA**  
482/500(96.4%)

## INAUGURATION OF ANNEXE BUILDING

An annexe building of AECS-2 was inaugurated and the plaque was unveiled on 9<sup>th</sup> Jan 2020 by Shri. S Sarkar, Chairman, AEES, Mumbai. Dr. Arun Kumar Bhaduri, Chairman, LMC, Mr. V Manoharan, Vice Chairman LMC and other LMC members and members of GSO also graced the occasion.



## ALL INDIA INTER AECS HINDI DEBATE & HINDI SCIENCE QUIZ

Our school teams participated in the All India Inter AECS Hindi Debate & Hindi Science Quiz 2019-20 (South Zone) conducted on Aug 30 and Aug 31, 2019 at AECS, Manuguru. Sharbani Mohapatra and Kumari Muskan of class 12 C represented higher secondary section.

Sayan Bairagi and K Prasanth of class X B participated in Hindi debate and O Keerthi and T.A. Vignesh participated in science quiz in Hindi.



Sharbani Mohapatra Kumari Muskan Sayan Bairagi K Prasanth O Keerthi Vignesh T A

## ALL INDIA INTER AECS MUSIC COMPETITION

All India Inter AECS Music Competition was held at AECS, Narora from 8<sup>th</sup> to 10<sup>th</sup> November 2019. Both junior and senior teams participated in the competition.

Nirupa R of XII A was placed third in Carnatic Vocal in senior category.



Nirupa R



## THIRUKURAL FESTIVAL COMPETITIONS

As per the direction of CEO, Kanchipuram, Thirukural Festival Competitions were held at ST. Paul's Schools, Chenglepet on 01.11.2019. Around 1200 students from 48 schools participated in this competition.

R. Nirupa of class XII A secured first position in Elocution in English in Super Senior Category. H. Lubaina of class VIII B secured first position in Elocution in English in Junior Category.

V A Pragalpa of class IX A secured second position in Essay Writing in English in Senior Category and M Prathiba of class IX B secured second position in Drawing in Senior Category.

Our school secured fourth place in Tamil Drama and Group Dance in Junior Category.



R NIRUPA



H LUBAINA



V A PRAGALPHA



PRATHIBA

## ELECTRO CHEMISTRY AND CORROSION CAMP

The NACE International Gateway India Section (South Zone) organised, Electrochemistry & Corrosion Camp. Eight students of our school comprised as two teams from Secondary and Higher Secondary respectively were selected to attend the camp which was held on 16.08.2019 and 17.8.19. The first team included O. Keerthi, Ramashankar R, Mageshwari A J, Apoorva P and the second had Shrital K R, Ezhilarasi S, Harish Kumar S and Srilata Goswami as members. And, an industrial visit and a poster presentation programme were arranged for the participants. L Abijith of class XII B attended Metal camp and he also participated in Prof. BrahmPrakash Memorial Material Quiz held on 21.9.19.





# INTERNATIONAL DAY OF YOGA

On 21st June 2019, the International Yoga Day was celebrated in a grand manner. A team of experts from Manavalakkalai Mandram, Kalpakkam visited our school. Sr. Prof.K.R. Munirathinam,WCSG, Chennai and Prof. S. Anbarasan, Secretary,Manavalakkalai Mandram, Kalpakkam explained to the students how Yoga can transform their mindset and academic performance. The speech was interspersed with the performance of some basic asanas. It was a wonderful session of yoga with enthusiasm and enjoyment.



# CONSTITUTION DAY

Constitution Day was celebrated on 26<sup>th</sup> November 2016 as part of Dr.Ambedkar's birth anniversary. The oath was administered by Mr. V Ravi TGT Social Science. The spirit of the Constitution as enshrined in the Preamble was brought alive through speeches and conversations in the morning assembly.





## ALL INDIA INTER AECS EXHIBITION

School level Exhibition was held on 12 July 2019 at AECS-2, Kalpakkam. It was inaugurated by Dr. R Kumar, Prof. HomiBhabha National Institute and Head, Analytical Chemistry and Spectroscopy Division, Materials and Fuel Chemistry group. A large number of exhibits were displayed by the students.

All India Inter AECS/AEJC Science, Social Science, Mathematics and Teaching Aids Exhibition-2019 was held at AECS 2, Hyderabad during 20<sup>th</sup> and 21<sup>st</sup> August 2019. . Under Senior category, K. GnanaAravind , A. AbulKalam and R. Dilip Kumar of Class XII B got consolation prize for their exhibit ‘Smart Farming’.

K. GnanaAravind, and A. AbulKalam of class XII B participated in the ‘Project Expo’ conducted by Sri Sairam Institutions which was held on 02.11.2019. Around 70 schools from TamilNadu participated. They secured third position in the ‘Best Design Project’ and awarded cash prize of Rs. 3000/.



## HINDI PAKHWADA

Hindi Pakwada was observed from 14<sup>th</sup> to 28<sup>th</sup> September 2019. On this occasion, competitions like Hindi Essay Writing, Dictation, Extempore, Hindi calligraphy etc were conducted for all the classes. The students participated enthusiastically in all the activities.

On 17.09.2019, competitions were also conducted for the teachers of all three schools, AECS1 & 2, Kalpakkam and AECS Anupuram.





## CHILDREN'S DAY CELEBRATION

The campus reverberated with the joyful cries of children when school celebrated Children's Day on 14th November 2019. To entertain and educate the students, ' Nalai Namadhe' , a movie sponsored by the Tamilnadu Government was screened for primary and secondary students. Each class of the Secondary section had fun games and the Higher secondary section had super house competition. The students were given a platform to exhibit their skills to prove their mettle in various forms and the day ended with a joyful note.



## ART COMPETITION

The All India AEES Art Competition -2019 was conducted at the School level on 09 Dec. 2019 at AECS-2, Kalpakkam. A total no. of 433 students of classes I to XII participated in the competition. A team of Judges selected the best entries and same have been sent for the the All India AEES Art Exhibition 2019-20.

The Energy Conservation Painting Competition 2019 was conducted on 17 Oct 2019 at AECS-2, Kalpakkam. Two best entries each from the Classes IV to VI and Classes VII to IX were selected and sent for the State level Competition.

Our students won many prizes in the art competitions organized on occasion of Ganesh Chaturthi , Durgotsav etc by the local organizations . Our students bagged many prizes in the drawing competitions conducted by the NESCO and MAPS ,Kalpakkam.





## SPORTS

K. Gayathri and M. Visweswaran from XII A participated in the Republic Day Sports State Level Athletic Competition which was held at Kongunadu College of Engineering, Trichy. K Gayathri was placed fourth in High Jump.

G . Kannan of XII B District winner in Basket Ball Tournament got selected and participated in State Championship under Youth Category.

U. I. Nethraa of IV B secured First Position in Tamilnadu State Level School Children's Chess Tournament and 1st Kanchi District Level Chess Tournament. She secured second position in State Level Open Rapid Chess Tournament – 2019.

Christina Arun George stood second in High Jump at National level athletic meet conducted by the CBSE. On 26.01.2020, she was felicitated by the AEES for her achievement.



K Gayathri  
XII A

M Visweswaran  
XII A

G Kannan  
XII B

U I Nethraa  
IV B

Christina Arun George

## SCIENCE DAY COMPETITION

Indian Women Scientists' Organization, Kalpakkam chapter conducted Essay writing competition as a part of celebration of Science day. J. Aldo Roger of IX B won the first position in the competition.



# CCA

The co-curricular activities began with the investiture ceremony held on 17<sup>th</sup> August 2019. Mr. Dharma Rao, Principal ,AECS-1 graced the occasion as chief guest and honoured the Student Appointees with badges.

The CCA committee meticulously planned and organized activities like Solo Singing, Group Singing, Elocution & Debate in English, Tamil & Hindi, Poem Writing, Collage, Rangoli, Jewelry making, Art, Quiz, Group Dancing, Calligraphy, Clay Modeling & Super house etc. In all the above competitions, many students participated with zeal and vigour.

A total number of 112 students from the Primary Section, 144 students from the Secondary Section and 54 students from the Higher Secondary Section were given prizes on CCA Prize Distribution Day. (PRIMARY 22.01.2020 & SEC/ HR.SEC 31.01.2020)



## FIRE SAFETY WEEK

On the occasion of Fire Safety Week, GSO, Kalpakkam organized various competitions in the month of April 2019. H. LihanaBanu of III A secured first position in Slogan writing in English, third in Drawing and Consolation in Slogan writing in Tamil. Saipriya of VII-B won the I Position in Poster painting competition.



Lihana Banu III A



Saipriya VII B



## NSS

Apart from the regular activities like Campus cleaning, coastal cleaning, tree plantation and awareness programme rallies, NSS volunteers of our school with their In-Charge teacher Mr. G. Mohan, PGT (Computer Science) camped at Panchayat Union Primary School, Meyyur, Sadras from 24<sup>th</sup> September 2019 to 30<sup>th</sup> September 2019 and rendered service which enthused the student community to a larger extent in the arena of social service. On 02.10.2019, along with NCC cadets of our school, NSS volunteers participated in the FIT-INDIA rally.



## NCC

Combined Annual Training Camp-cum- ThalSainik Selection Camp was conducted at the 3TN NCC Battalion Premises, Kanchipuram from 21 May 2019 to 30 May 2019.

Cadets of class IX Arvind S, Harish P, Kumar Srinivasan, Tamizhselvan S, Tarun J, Arthi S, Harini P, Pragalpha V A, Prathiba M, Sumitha V attended this camp.

The CATC-cum-TSC Launch Camp was conducted at the Battalion Premises, Kanchipuram from 28 June 2019 to 07 July 2019. Five of Junior Division cadets of class IX, Cdt. SakthiKarthik B C, Kesavaraman K, Aldo Roger J, SujaySarvesh K C, Kanishkar S were detailed to attend the camp.

On November 24, 2019, the NCC Day was celebrated in our school. All the Cadets participated in various activities. Cultural programmes praising the national leaders and instilling patriotism in the form of Solo Song, Group song, Group Dance made the day more colourful and fruitful.





# TEACHERS' DAY

Rich tributes were paid to the teachers by the students on 5<sup>th</sup> September. The students organised a special assembly to honour the teachers. After the assembly, the class XII students took the role of teachers and handled classes for classes IV to XI.

Mr. S. Raviselvan PGT Tamil, Mr.S.Brahamachary PGT Biology, Mr. C. Kannappan TGT Librarian and Mr. D Rajendra Kumar TGT Tamil were felicitated for the successful completion of 25 years of service in AEES at common Teachers' Day celebration held at Multipurpose Hall, Kalpakkam



## All India AEES Science Competition for class VIII

On 25th Jan 2020, All India AEES GK Quiz Competition held at Mumbai. T. Shivesh Raja and S. ShakthiVijayalakshmi of class VIII B participated. T. Shivesh Raja secured second runner up position.





# LIBRARY

Our school has one of the best-equipped libraries in AEES. About 530 volumes have been added this year taking the collection to an impressive total of 13000 volumes. The library subscribes to eight newspapers and 50 periodicals.

The school has initiated a series of measures to get the young minds hooked to books. The Library Week was observed from 18.11.2019 to 22.11.2019 to showcase the importance of reading books. Many students took part in the Book Cover Drawing, Memory Test, Quiz, Essay and GK competitions.



## EDITORIAL BOARD

**Shri. G Ramchander Goud, Principal**

**Shri. P Rajendran, Vice Principal**

**Shri. M S Chaudhary, Headmaster**

**Shri. G Mohan, PGT(SS) (Comp. Sci.)**

**Smt. P Christy Nirmala , PGT (Eng.)**

THANK YOU

