



ATOMIC ENERGY CENTRAL SCHOOL-2 & HIGHER SECONDARY SCHOOL KALPAKKAM

E- MAGAZINE 2018-19

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**Our Principal receiving participation certificate for
Guinness World Record of Largest Biology Lesson**

डॉ. अरुण कुमार भादुड़ी
प्रतिष्ठित वैज्ञानिक एवं निदेशक

Dr. Arun Kumar Bhaduri
Distinguished Scientist & DIRECTOR



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परमाणु उर्जा विभाग
इन्दिरा गांधी परमाणु अनुसंधान केन्द्र
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GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
INDIRA GANDHI CENTRE FOR ATOMIC RESEARCH
KALPAKKAM 603 102, TAMIL NADU, INDIA



Message

Greetings to you!

"It is in fact a part of the function of education to help us escape, not from our own time — for we are bound by that — but from the intellectual and emotional limitations of our time." – T.S. Eliot

It gives me great pleasure to learn that AECS-2, Kalpakkam is publishing E-Magazine 2018-19.

I am happy to know that AECS-2, Kalpakkam has been doing exceptionally good in all the fields academics, sports, co curricular activities etc. and wish to continue in future too.

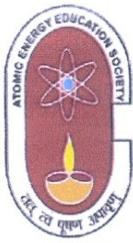
It is my earnest appeal to all the students of this school to remember the words of John Maxwell – "Successful and unsuccessful people do not vary greatly in their abilities. They vary in their desires to reach their potential."

The Futurists say the humanity will change more in the next twenty years than the previous 300 years. In an ideal future, humanity will sit on top of technology; harness its power to solve most of humanity's challenges. Humanity with technology should be an overall positive outcome and it is high time our students were well equipped for this tech-age.

Wishing you all the best.



(Arun Kumar Bhaduri)



**परमाणु ऊर्जा केन्द्रीय विद्यालय-2, कल्पाक्कम
ATOMIC ENERGY CENTRAL SCHOOL-2, KALPAKKAM**

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MESSAGE

Greetings to you!

"We have to do the best we are capable of. This is our sacred human responsibility." - Albert Einstein

It has been another eventful year and I am delighted that the school has been doing exceptionally good in imparting holistic education and hands on experience in life situations.

"Desire is the key to motivation, but it is determination and commitment to an unrelenting pursuit of your goal - a commitment to excellence - that will enable you to attain the success you seek". - Mario Andretti

I am grateful to the AEES & the Local Management, all my colleagues and the parents for their extended support.

It is my earnest appeal to all my dear students that let us work together to enhance the system with more ethicality and fortitude. Let us always remember that positive thinking is empowering and positive action is achieving.

Wishing you all the very best for reaching the heights of success.

With regards


(G RAMCHANDER GOUD)

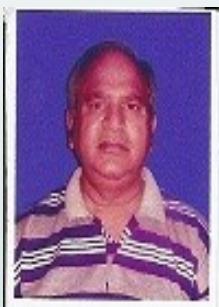
PRINCIPAL
AECS-2

PROMOTION AND SUPERANNUATION

Mr. Gunvant V Khobragade , PGT(Chem.) got promotion as Vice Principal and joined at AECS, Indore. Mr. V. Karunakaran, TGT(Comp.Sci) attained superannuation on 28.02.2018. Mr. Ravinder Kumar, PGT(Maths), Mrs. P Malliga TGT(Eng.&Soc.Sci.), and Mrs. S. Jayashree PRT attained superannuation in the month of May, 2018.



**GUNVANT V
KHOBRAGADE**



**RAVINDER
KUMAR**



P MALLIGA



V KARUNAKARAN



S JAYASHREE

NEW STAFF MEMBERS

Mr. M S Chaudhary, Headmaster joined our school from AECS, Tarapur on 21.6.2018. Mr. Mohanram Venkataraman PGT(SS) Maths joined our school on transfer from AECS, Oscom on 25.06.2018. Mr. K Sridhar TGT(SS) Maths. was transferred to our school from AECS 1, Hyderabad on 09.05.2018, Mr. P V Divakaran TGT(Eng.&Soc.Sci.) joined our school on transfer from AECS, Kaiga on 4.6.2018, and Mr. Ubale Samadhan Suresh PRT joined the school on 13.6.2018, as a fresh appointment.



**M S CHAUDHARY
MOHANRAM
VENKATARAMAN**



**K SRIDHAR
P.V. DIVAKARAN
U SAMADHAN
SURESH**



TRANSFERS AND NEW ARRIVALS

Mrs. Sujata Pradhan PGT Comp.Sci. was transferred to AECS, Anupuram. Mr. Nankuram PRT was transferred to AECS-2, Tarapur. Mr. M. Srinivasan, Sr.Cl. and Mrs. T Amudha LDC were transferred to AECS-1, Kalpakkam and Mr. T Palanisamy Sr.Cl. was transferred to AECS, Anupuram.

Office staff Mr. J. Bhaskar Sr.Cl. from AECS, Anupuram, Mr. T. Sampath Sr.Cl. from AECS-1, Kalpakkam and Mr. A.Aneesh UDC from AECS-1, Kalpakkam joined our school.



SUJATA PRADHAN NANKURAM M SRINIVASAN T AMUDHA T PALANISAMY



J BHASKAR

T SAMPATH

A ANEESH

ORIENTATION PROGRAMME FOR STAFF

Mr. A. Balasubramanian attended the orientation programme for PGT Chemistry at KV, Anna Nagar, Chennai from 17.05.18 to 28.05.18. Mrs. M.Pirithal Yesumani and Mrs. T Jayanthi attended the orientation programme for TGTs at KV, Delhi and Bengaluru from 17.5.18 to 28.5.18. Mrs. R Chandrika attended the orientation programme for PRTs at KV AFS, Tambaram from 17.5.18 to 28.5.18.



A BALASUBRAMANIAN PIRITHAL YESUMANI T JAYANTHI

R CHANDRIKA

ACADEMIC TOPPERS—XII STD.

Science Stream—Biology



I—JANANI S
1133/1200



II—SAMYUKTA K
1126/1200



III—DEEPAK RAJA
1112/1200

Science Stream—Computer Science



I— ARUNA S
1170/1200



II—SANJANA R
1161/1200



III—MADHUMITHA S
1160/1200

Commerce Stream



I—VERONIKA D
1124/1200



II — KARTHIK P
1094/1200



III—GEJALAKSHMI S
1025/1200

ACADEMIC TOPPERS—XI STD.

Science Stream —Biology



I—SREERATCHA B
570/600



II—MOHAMMED
TOWFEEQ
560/600



III—MAHALAKSHMI S
557/600

Science Stream —Computer Science



I—KAYANAT
584/600



II—KOUSHIK
NARAYAN R
573/600



III—VIJAYASHREE V
568/600

Commerce Stream



I—JANANI S S
538/600



II—SAVITHRI V
535/600



III—VINODHA A
491/600

TOPPERS OF CLASS X

The pass percentage in the AISS Examinations was an impressive 100%. The toppers are



I—SHRINIDHI B
481/500



II—RISHI JHA
472/500



III—KAVYA S
467/500

NATIONAL SCIENCE DAY—ELOCUTION COMPETITION

The Indian Women Scientists Association, Kalpakkam organised an Elocution competition on the topic “Life and Works of Women Scientists” on 24.02.2018. Many students of class IX participated and three of them got prizes. First prize was secured by Kum. Kanmani R , Second by Kum. Lasya Priya G and Third by Kum. Tafeef Fatima.



KANMANI R



LASYA PRIYA G



TAFEEF FATIMA



JSO & JMO

Mast. S.Dhanush & Kum. R.Kanmani of X A participated in JSO/JMO-2018 Orientation Programme for the students of class X, held from 22nd to 27th October 2018 at AEJC, Mumbai.

Mast. Vignesh T A is presently participating in JSO/JMO-2018 orientation training programme for the students of class IX , being held from 17th to 22nd December-2018 at AEJC, Mumbai.



S DHANUSH



R KANMANI



VIGNESH T A

ALL INDIA INTER AECS QUIZ

Mast. J.Tharun of VIII A & Mast.J. Aldo Roger of VIII B have been selected to participate in All India Inter AECS Quiz, 2018-19 for the students of Class-VIII, to be held at AECS-3, Mumbai on 24th and 25th January 2019.



J THARUN



J ALDO ROGER

ALL INDIA INTER AECS ENGLISH DEBATE & HINDI SCIENCE QUIZ (SOUTH ZONE) COMPETITION

Kum. V.Savithri of XII D & Kum. Bhagya Peter of XII C from higher secondary and Kum. U.Sai Shriya of X A & Kum. Mohana Krishna of IX B from secondary section participated in the All India Inter AECS English Debate competition held at AECS, Mysore on 24.8.18. Mast. Swayam Parida of X A & Kum. Sasi Shrilekhyaa of X B secured the second position in Hindi Science Quiz.



SWAYAM PARIDA SASI SHRILEKHYAA



ALL INDIA INTER AECS DANCE COMPETITION

All India Inter AECS Dance Competition was held in AECS-1 Tarapur from 4th Dec to 7th Dec, 2018. From our school both junior and the senior teams participated.



EK BHARAT SHRESTHA BHARAT (CBSE)

The programme "Ek Bharat Shreshtha Bharat" has been initiated to celebrate the spirit of national integration. In order to celebrate these unique features of our country, the Bhasha Sangam initiative under the Ek Bharat Shreshtha Bharat ushers in a programme for schools and educational institutions to provide multi-lingual exposure to students in Indian languages listed in Schedule VIII of the Constitution of India. In the morning assembly five simple sentences in different languages were spoken and practised between 20.11.18 and 21.12.18.



CHESS CHAMPIONSHIP

Kum. NETHRAA U L of IV Std. secured first place in The State Level Chess Tournament organized by the Vellore Fort Chess Academy at Venkateswara Higher Secondary School, Vellore on 1st & 2nd Dec.2018 U-8 category.



NETHRAA U L

SKATING CHAMPIONSHIP

Mast. G.M.Manoj Karthik (representing Tamil Nadu state) participated in First All India Speed Skating Championship-2018 conducted and organized by SSFI at Maharishi Vidya Mandir School, Chengalpattu from 11th to 13th May 2018 and was ranked First in Rink IIA. He also participated in Moral Vidya Mandir South Zone Open Skating championship 2018 at Puduchery from 4th to 6th May 2018 and secured Third position in Rink II and Rink III.



G M MANOJ KARTHIK

THIRUKURAL RECITATION

Kum. U.Nethra of IV std. recited 300 Thirukural couplets and received the title “Thirukural Pinju” by Cromptet Thirukural Peravai, Chennai.

Mast. M.P.Inian secured I position in Thirukural recitation on 15.04.2018 on the occasion of the women’s day celebration 2018. He secured I position in Thirukural recitation organized by NESCO, Kalpakkam. He can recite 560 Thirukural couplets.



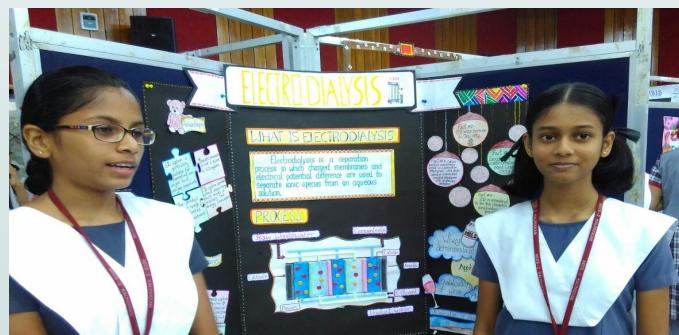
U NETHRA



M.P. INIAN

ELECTRO CHEMISTRY AND CORROSION CAMP

NACE International Gateway India Section (South Zone) organized ECC-18 on 10th and 11th August 2018. 2 teams from Secondary and Higher Secondary respectively participated. First day on 10th the students were taken to Ti Anode Fabricators Pvt. Ltd, Madambakkam as industrial visit and on the second day 11th they participated in poster drawing competition at Multipurpose Hall, Kalpakkam. The participants were Team-1 : Kanmani. R, Medha. D, Sasi Shrilekhy. N, Tafeef Fatima. Team-2 : Karthik. A, Kavya. H, Keerthana. S. N, Arjun Raj. M . They were escorted by Mr. A. Balasubramanian and Mr. C. Kannappan.



IITM-FSCT AWARENESS WORKSHOP

The organizers of Federation of Science Clubs of Tamilnadu (FSCT) and Madras Christian College Higher Secondary School (MCCHSS), selected 5 students by those listed in the Order of Merit for the IITM-FSCT Awareness workshop that was held in Central Lecture Theatre, IITM, Chennai during 2-3 & 5 November 2018. The students were:- M. Razeena Nilufar, K. R. Shrital, M. Vignesh, P. T. Madhav Prasad, Srilatha Goswami and were escorted by Mr. G. Mohan,PGT(C.Sc) and Mr. P. Saravanan, PGT(Phy) .



GANDHI JAYANTI CELEBRATION

Government of India has decided to commemorate the 150th birth anniversary of Mahatma Gandhi, Father of the Nation, at national and international level to propagate his message. A National Committee (NC) headed by Hon'ble President of India has been constituted for this purpose. In this connection different activities were conducted in the Higher Secondary Section like poem writing on Gandhiji in Tamil and Hindi and Art Competition on the Iconic movements of Gandhiji. Costal cleaning drive was conducted by the students on 3rd October 2018.



VIGYAN PRATIBHA CHENNAI REGION WORKSHOP

Mr. P.M.Thankachan TGT (SS) and Mrs. M.Pirithal Yesumani TGT (SS), participated Vigyan Pratibha Chennai Region Workshop-2018 held at The Institute of Mathematical Sciences, Chennai on 15th and 16th November-2018. This programme was organized by HBSCE, Mumbai and The Institute of Mathematical Sciences, Chennai.



P M THANKACHAN



M PIRITHAL YESUMANI

SWACCHATA PAKHWADA

On receiving the instructions from AEES, Mumbai to observe the second half of February 2018 as the Cleanliness Mission Fortnight, the school set about the work with the earnestness and seriousness that it deserved. An apex committee was formed and the committee drew up a detailed schedule of the activities to be conducted during the campaign.

A day-by-day account of the fortnight :

DAY ONE (Fri., 16th February 2018) : CURTAIN RAISER

DAY TWO (Sat., 17th February 2018) : ELOQUENT COLOURS

DAY THREE (Mon., 19th February 2018) : A MOUTHFUL FROM THE DOCTOR

DAY FOUR (Tue., 20th February 2018) : BEYOND THE CAMPUS

DAY FIVE (Wed., 21st February 2018) : ART OF CLEANLINESS

DAY SIX (Sat., 24th February 2018) : PROCLAIMING IT ON THE STREETS

DAY SEVEN (Sun., 25th February 2018) : RALLYING FOR A CAUSE

DAY EIGHT (Mon., 26th February 2018) : GREENING THE CAMPUS

DAY NINE (Tue., 27th February 2018) : RHYME AND REASON

DAY TEN (Wed., 28th February 2018) : RAMAN EFFECT ON FUTURE

All the students welcomed the campaign with open arms, embraced it with unprecedented enthusiasm and made it a runaway success.



INTERNATIONAL YOGA DAY

On 21st June 2018, the International Yoga Day was celebrated in a grand manner. Sri Ramesh Rishi a well known figure in the Tamil Nadu Yogic Circuit from Kalpakkam branch of Mahayogam was the chief guest. He was assisted by Sri. G.Ramanathan, a Scientific Officer at IGCAR, Kalpakkam, Sri. Chokalingam of IGCAR and Sri Hari of BHAVINI, Kalpakkam. He explained the students how Yoga can transform their maindset and academic performance. The speech was interspersed with the performance of some basic asanas such as “Vajrasana” and “Paschimotthasana.” All in all it was a wonderful session of yoga: enthusiasm, enjoyment and eagerness were writ large on the young countenances.



INAUGURATION OF NEW LABS

The new Physics and Chemistry labs were inaugurated by Vice Chairman Shri.V. Manoharan AD, ESG, GSO on 12.12.2018.



EXHIBITION

The School level Exhibition was held on 10-07-2018 at AECS-2, Kalpakkam. A large number of exhibits were displayed by the students.

All India Inter AECS/AEJC Science, Social Science, Mathematics and Teaching Aids Exhibition-2018 was held at AECS-Kakrapar on 9th and 10th August-2018. Kum. M.Initha of Class XII got the consolation prize in the Senior Science category for the exhibit Piezo Electric Devices (Power shoe and ear phone).



HINDI PAKHWADA

Hindi pakhwada was celebrated in our school from 14th to 28th September, 2018. There were many events and competitions held like essay writing, poem writing, elocution, translating, etc. for students and teachers as well. All were very excited to participate and took part with great enthusiasm. The lucky winners were awarded prizes by our Principal. 54 prizes were distributed in all.

DAE Bhavini conducted the inter school group song competition for the schools in the neighborhood. Our school bagged the first position in this cheerful event, competing with other 4 schools. V Anisha, Savithri V, Sanjana S, Sornarekha K R, Srividhya s, Sree Ratcha B, R S Samyuktha and T Benson who represented our school in the BHAVINI auditorium, were presented with prizes, including the escort teacher Smt. Pratibha Bundel.



INDEPENDENCE DAY

Our school celebrated the 72nd Independence day on Aug. 15th 2018 as a gala function. Vice Principal of our school Mr. P. Rajendran hoisted the national tri-colour to raising heights. The students of our school presented patriotic group song, speeches in different Indian languages. While dispersing, refreshment was distributed to the students.



ART COMPETITION

The All India AEES Art Competition -2018 was conducted at the School level on 28th Nov. 2018 at AECS-2, Kalpakkam. A total no. of 383 students of classes I to XII participated in the competition. A team of 3 Judges selected the best entries and the paintings were sent to All India AEES Art Exhibition -2018 to be held at AEJC, Mumbai on January 26, 2019.



SPORTS

RDS State Meet was conducted at BS Abdul Rahman University, Vandalur on 29.10.2018 and Mast. V B Shyam Karthick of XII C was the quarter finalist in Lawn Tennis(singles) and ,in the RDS State Athletic Meet which was held at Bharathiyan Thidal, Trichy on 10.11.2018, Kum. K Gayathri of XI A got the fourth place in High Jump. In **CBSE National Athletic Meet**, held at PSSEMR School, Davanagere on 09.10.2018, Kum. Christina Arun George of X A secured second place in High Jump. **Annual Sports Day** was conducted on 15th December wherein the winners were awarded trophies Mr. K.Nagarajan, Assistant Commandant, CISF, Kalpakkam was the Chief Guest.



V B SHYAM
KARTHICK



K GAYATHRI



CHRISTINA ARUN
GEORGE



C.C.A

The co-curricular activities began with the **Investiture Ceremony** which was graced by Mr. G Vijayaganesan, Principal, AECS-1 as chief guest on 28th Aug 2018. The chief guest honoured the student appointees with badges. The **CCA Prize Distribution** was held on 15th December 2018. A total number of 112 students from Primary Section, 145 students from Secondary Section and 67 students from the Higher Secondary Section were given prizes by the Chief Guest Smt. Vinayalatha, CAO, GSO, Kalpakkam.



LIBRARY

Our school library is one of the best equipped libraries in AEES. 550 volumes have been added this year taking the collection to an impressive total of 15000 volumes. The library subscribes to 8 newspapers and 50 periodicals. The Library Week was observed from 22.01.2018 to 27.01.2018.



STATE LEVEL COMPETITION

Mast. V.Ilanchezhiyan and Mast. P.Sreekumar of class X B participated in the 26th National Children's Science Congress, 2018 co-ordinated by Tamil Nadu Science Forum. They presented their project on “Smart farming” under the guidance of Mrs.T.Jayanthi. They got selected at the district level held at Annai Teresa Arts and Science college. They represented our school in the state level competition held at KPR Institute of Engineering and Technology, Coimbatore from 9th to 11th November 2018.



P SREEKUMAR V ILLANCHEZHIYAN

NSS CAMP

NSS special camp was conducted at PUP school, Uyyallikupam village from 26.08.2018 to 02.10.2018. A free medical camp was organised by Sri Ranga Hospital, Chengalpattu. NSS volunteers actively participated in the camp and rendered their services to the villagers.



NCC DAY

On November 25, 2018, the NCC Day was celebrated in our school. Cadets participated in various activities. Cadet Yashwanth and Cadet Shrinidhi.D of class IX delivered speech about the role of NCC in our Country and its importance. A patriotic Group song, Group Dance made the programme more colourful



CONSTITUTION DAY

Constitution Day was celebrated on 26th November 2018 as a part of Dr.Ambedkar's birth anniversary. The spirit of the Constitution as enshrined in the Preamble was brought alive through speeches, montages, posters and skits.



CHILDREN'S DAY CELEBRATION

The campus reverberated with the joyful cries of children when school celebrated Children's Day on 30.11.2018 as the school shifted to the carnival mode. Movies were screened for primary children in the activity room. Secondary section had fun games for each class. Higher secondary section had super house competition on that day.



TEACHERS' DAY

Rich tributes were paid to the teachers by the students on 5th September 2018. The students arranged a special morning assembly to honour the teachers. After the assembly, class XII students enacted the role of teachers and handled classes for class IV to class XI. A grand Teachers Day program was held in the Multipurpose hall to felicitate the teachers of AECS-1 & AECS-2, Kalpakkam and AECS, Anupuram. Mr. V.Ramdoss, MTS was felicitated for the successful completion of 25 years of service in AEES.



PROFESSIONAL DEVELOPMENT PROGRAMME

The PRTs of our school Mrs. S.Kanniga, Mrs. Rinzin Khando and Mr. A.Vijayasarathi are attending a 6-month bridge course conducted by NIOS from Oct.2018 to March.2019.



S.KANNIGA



RINZIN KHANDO



A.VIJAYASARATHI

LECTURE ON INDIAN SPACE PROGRAMME

Mr. Ashok Gandhi Pavanasm an alumnus of AECS-2, Kalpakkam(1997-98) and a Scientist in ISRO, visited our school on 06.10.2018. He gave a guest lecture on the topic “ Indian Space Programme “ to the higher secondary students. He briefed on launching of different types of satellites and the various courses of study in the field of Aero space physics and space science. He also glimpsed on the varied job opportunities in ISRO. He had a lively interaction with the students after his lecture.



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.)

