

Atomic Energy Central School-4, Mumbai

Annual Day Report for 2018-19

Good Evening Ladies and Gentlemen, Parents, Teachers and Students,

It's our great pleasure and privilege to present before you the Annual Report of our school for the year 2018-19. I wish to begin with our performance on the academic front

Excellence in academics is the hall-mark of a good institution & the class X & class XII results of the school prove without any doubt that our students have made us proud.

We are happy to share with you the details of the commendable academic performance of our students in the CBSE Class X and Class XII examinations held in March 2018.

Academic Achievements

89 students appeared in CBSE Class X examination, out of which 38 scored more than 90% marks and above. The Excellence Index was 87.64 and the Quality Index was 8.06. We feel extremely proud and privileged to announce here that **Ms. Vipasana Sharma** from our school topped the CBSE Class X examination securing 97% marks. **Master Arpon Basu** bagged the 2nd Position with 96.6% Marks. The 3rd Position was shared by **Ms. Sreenithya Mallavarapu** and **Master M Adhyan** who secured 96.2% marks.

Subject Toppers

The following students secured the highest marks in different subjects in the CBSE Class X.

Ms. Navya Shrivastava is the topper in English who secured 97 marks out of 100. 6 students had secured 99 marks out of 100 in Hindi. They are **Master Arpon Basu, Master Anubhav Panda, Master M Adhyan, Ms. Medha Srivastava, Ms Ananya Gupta** and **Master Rishabh Roy**.

Similarly, 4 students had secured 99 Marks out of 100 in Mathematics. They are **Master M Adhyan, Ms. Medha Srivastava, Ms Ananya Gupta** and **Ms Aenakshee Roy**.

Ms Sakshi Jeyaprakash, Ms Sreenithya M and Ms. B Nidhi Ratore scored 98 marks out of 100 in Science.

The subject topper in Social science is **Ms Vipasana Sharma** who secured 100 marks out of 100.

Our hearty congratulations and good wishes to all our young achievers.

Class XII Result: 87 students appeared in the CBSE Class XII examination, out of which 15 students secured more than 90% marks and above. The Excellence Index was 89.7 and the Quality Index was 7.4 . **Ms. Bonobithi Biswas** topped the school with 95.6% marks. The 2nd Position was jointly bagged by **Master Harikrishnan Namboothiri** and **Ms. Samiksha Ingavale** with 94.8% Marks. The 3rd Position was shared by three students with 94.6% Marks. They are **Master Arun Das, Ms Kasturi Kayal** and **Master Aniruddha Kawade**.

Subject Toppers

Ms. Bonobithi Biswas scored the highest marks in English i.e. 98 marks out of 100. She has been awarded with a 0.1% Merit Certificate by the CBSE for scoring 98 marks in English. In Physics, **Ms Bonobithi Biswas** and **Master Harikrishnan Namboothiri** secured 96 marks out of 100. **Ms Kasturi Kayal** is the topper in Chemistry with 97 marks. The Maths topper is **Master Aniruddha Kawade** who scored 98 marks out of 100. In Biology 3 students secured 96 marks out of 100. They are **Ms. Samiksha Ingavale, Ms Sai Slegzna Bala** and **Ms Divya Pandey**. The topper in Computer Science is **Master Aniruddha Kawade** who obtained 96 marks.

Admission in Professional colleges

We feel very proud and privileged to announce here that the following students got admission in IITs, Medical Colleges and other reputed institutes.

Admission in Engineering

- 1) **Master Aniruddha Kawade** B Tech(CSE) IIT Madras
- 2) **Master Rahul Kokale** B Tech(Chem) IIT Bombay
- 3) **Master Harikrishnan Namboothiri** B Tech (Surface Coating Technology) ICT, Mumbai
- 4) **Master Akshay Kamble** B Tech (Civil) VJTI, Mumbai
- 5) **Master Arun Das** B Tech (CSE) IIIT Nagpur

Medical and Dental Colleges

- 1) **Ms Kasturi Kayal**, MBBS, Indira Gandhi Govt. Medical College, Nagpur
- 2) **Ms Raghavi T.** MBBS, Madurai Medical College, Madurai
- 3) **Ms. Samiksha Ingavale**, MBBS, D Y Patil University, Navi Mumbai
- 4) **Master Mohammad Anas** MBBS, Maharashtra Institute of Medical education and Research, Pune
- 5) **Ms Devanandha S** BDS, A B Shetty Institute of Dental Sciences, Mangalore
- 6) **Ms. Sanchita Patro**, BAMS, KATS Ayurvedic College & Hospital, Ganjam, Odisha

Admission in NISER

Master Akash Sonawane got admission in Integrated M.Sc. in National Institute of Science Education and Research (NISER), Bhubaneswar

Admission in NID

Master Shashwat Kumar, got admission in B Des in National Institute of Design (NID) Ahmedabad

Ms. Bonobithi Biswas got admission in BSc at St. Xavier's College, Mumbai

Our hearty congratulations and good wishes to all our young achievers.

A big round of applause for the achievement of these students.

Achievement in External/Competitive Exams and Olympiads

NTSE EXAM

Master Arka Bhattacharya has qualified in the **NTSE Exam** conducted by the NCERT, New Delhi.

KVPY Exam

The Kishore Vaigyanik Protsahan Yojana (KVPY) is an on-going National Program of Fellowship in Basic Sciences, initiated and funded by the Department of Science and Technology, Government of India, to attract exceptionally highly motivated students for pursuing basic science courses and research career in science. 2 students from our school have qualified in this prestigious examination. They are **Ms Bonobithi Biswas** and **Ms Raghavi T.**

AEES JSO/JMO 2018 for Class X students

8 students from our school were selected to participate in the JSO/JMO conducted by AEES in October 2018 in which the following students got prizes:

- 1) **Master Tejas Pathak**—was the Subject Topper in Maths
- 2) **Ms Adwita Dutta**----- was the Biology Topper and bagged the 1st Prize in Quiz
- 3) **Master Sarthak Sharma**—bagged the 2nd Prize in Quiz.

AEES JSO/JMO 2018 for Class IX students

In the AEES JSO/JMO for class 9, Ms Diksha Chatterjee of class IX F was the subject topper in Chemistry and Ms Srijaini Pahari of Class IX was adjudged as the Biology

Subject topper. Master Manas Tomar and Master Anuj Gautam of class IX were in the Runner-Up team in Quiz.

Achievement in NSEP, NSEC and NSEB

In the prestigious National Standard Examination in Physics (NSEP) and National Standard Examination in Chemistry (NSEB) conducted by the Indian Association of Physics Teachers (IAPT), Master Adithya Bhaskar of Class XII qualified in the National (1 %) Level. Master Arpon Basu and Master Mayank Jain of class XI also qualified in the NSEP, NSEC and NSEB in the same examinations qualifying in the State (1%) level.

A big round of applause to these high achievers.

AECS/JC Zonal English Debate

Ms Shreyashi Karmakar of Class XII and **Ms Divya Vinod** of Class XI bagged the 2nd Prize at the Zonal Level Inter AECS English Debate held at AECS-1, Tarapur on 24th August 2018

RMO

In the prestigious Regional Mathematical Olympiad conducted by the Homi Bhabha Centre for Science Education (HBCSE), 2 students of our school have qualified in this Olympiad. They are **Master Arpon Basu** of Class XI and **Master Tejas Pathak** of Class X

Extempore Speech Competition by NPCIL

As a part of the observance of the Vigilance Awareness Week in October 2018, the NPCIL conducted Extempore Speech Competition in which the following students got Prizes:

- 1) **Ms Shreyashi Karmakar** of Class XII ---- 1st Prize
- 2) **Ms Tilottama Basu** of Class XI ---- 2nd Prize
- 3) **Ms Gomati Goswami** of Class XII ---- 3rd Prize

All India AECS/JC Science, Social Science, Maths and Teaching Aids

Exhibition 2018: Master Jesen Joel and Master Akshay Sose of class IX won the 1st Prize in their Social Science Project on Disaster management which was held at AECS Kakrapar in August 2018. This project was selected for display at the Jawaharlal Nehru National Science and Social Science Exhibition (JNNSSE) held at Ahmedabad in November 2018.

Shri Jebin Joel, PGT-Physics bagged the 2nd Prize in the Teaching Aids Category.

A big round of applause for these two students and the teacher, Mr Jebin Joel.

All India AECS/JC Art Competition 2017.

In the All India AECS/JC Art Competition jointly organized by the AEES and DAE Sports and Cultural Council, Mumbai. **Kumari Geetika Dubey** of Class II bagged the 1st prize in Group 'G' category. **Kumari Aarohi Kumar** of Prep also bagged a consolation Prize in the same competition.

Atomic Energy Education Society (AEES) Mumbai celebrated **Hindi Pakhwada** in September 2018. During the fortnight various competitions like essay writing, poem recitation, poem composition, extempore speech, slogan writing etc. were conducted to create an environment of Hindi and to enhance enthusiasm for more work in Hindi.

The following teachers bagged prizes:

Shri Yogendra Kumar Shastri, TGT got 1st Prize in Essay writing, 1st Prize in Poem Composition and 2nd Prize in Poem Recitation.

Smt. Bharati S PRT (SS) bagged two 1st Prizes in Poem recitation and Poem Composition.

Smt Neelam Sharma, TGT (Sel Sc) got 2nd Prize in Painting and Slogan Writing and Smt Kiran Devi Rajak TGT (SS) bagged the 3rd Prize in Poem composition.

Achievements in Sports

Master Sushant Ravva of Class X is the WINNER of the Mumbai Sub-Urban District Badminton Championship held in July 2018. He also bagged the Runner-Up position in the Maharashtra State Open Badminton Championship held at Virar in January 2018 and D Y Patil State open Badminton Championship held in January 2018.

Master Lakshya Chouhan of Class VII F bagged a Bronze medal in the BOYS Under 13 Category in the SFA Badminton Championship, Mumbai

Vidyarthi Vigyan Manthan, an initiative by Vigyan Bharati, Vigyan Prasar and NCERT conducted all India test for students from class 6th to 11th to inculcate scientific temper and awareness about contribution of India and Indian Scientists to the world of Science. 5 students of our school topped at the district level who will be attending the state level in the next week.

They are Master Aditya Unnithan of class VI-F who stood 1st in the district, Master Aggrim Singh of the same class who secured the 2nd position in the district and Miss Urjoshi Basu of class VI-G stood 3rd in the district level. Master Aditya Sankhla bagged the 1st position in class X at the district level and Master Arpon Basu of class XI stood 1st in the district and 10th position at the state level in the Vidyarthi Vigyan Manthan Examination.

Glimpses of the Programmes/Activities conducted by the School

The National Science Day was celebrated in our school on 28th February 2018 to commemorate the discovery of the 'Raman Effect', which led to Sir C.V. Raman winning the Noble Prize. The theme of NSD-2018 was "Science and Technology for a Sustainable Future", which has been chosen for the purpose of raising public appreciation of the scientific issues involved.

Ambedkar Jayanti was celebrated in the school in April 2018. The contribution of this great personality, Bhimrao Ramji Ambedkar, the architect of the Indian Constitution who is fondly known as Babasaheb was remembered.

The Investiture Ceremony of the school was solemnized in May 2018. The Chief Guest administered the oath to the **School Appointees** and they were adorned with badges. The Principal motivated the students to develop leadership qualities and keep the school flag flying high. The programme was a grand success and applauded by everyone.

The **4th International Yoga Day** was organized in a grand manner in the school on 21st June 2018. All the teachers, students and NCC cadets participated and performed various asanas as a part of the celebrations.

The Second year NCC cadets attended the **Annual Training Camp** at Virar from 16th to 25th July 2018. The Army men trained the cadets in various fields and created the awareness of nation building to the 41 cadets who were given away certificates.

The **72nd Independence Day** was celebrated on 15th August 2018 with great zeal befitting the occasion. The Indian tricolor was unfurled by the Principal, Shri T Kalathinathan who spoke highlighting the great sacrifices made by the freedom fighters. The school choir enthralled the audience with the patriotic songs they sang.

The School Level Science Exhibition was conducted in July 2018. More than 600 students participated in this exhibition which was a grand success.

A **common Parent teachers Meeting** with the parents and students of Classes X and XII was arranged in July 2018 at the Multi-Purpose Hall, Training School Hostel, Anushaktinagar where about 170 parents and 160 students attended the meeting. The speakers of the day were the Principal, Shri T Kalathinathan, Mr S K Chakma, PGT. Smt Sangeetha Sohni, PGT(SS) and Mr Jebin Joel. PGT(SS) They spoke about the Board Examination Pattern, Motivation to the Board going students, Introduction of Mentorship, Adverse effects of Tuition Classes, Peer Pressure and Time Management. The meeting was very vibrant and well appreciated by all the parents.

Sadbhavana Diva 2018 (74th birth anniversary of Rajiv Gandhi) was celebrated in the school on Monday, 20th of August 2018. The **Sadbhavana** (means having good feelings for others) **Divas** or

Harmony **Day** is celebrated to commemorate the birth anniversary of the former Prime Minister of India , Rajiv Gandhi.

The school celebrated the **Teachers Day** on 4th September 2018 with full zeal and enthusiasm. The students of classes 12 and 10 taught the secondary and primary classes respectively to get a real life experience of teaching in a classroom situation. The day buzzed with excitement and smiles all around.

AECS-4, Anushaktinagar organized a programme to commemorate the 125th year of the powerful speech delivered by **Swami Vivekananda** at Chicago in 1893. Swami Vivekananda introduced Hinduism to the world at the Chicago Convention of Parliament of Religions in 1893.

As a part of the **Alternate Education** programme the students were given the opportunity to showcase their talent and creativity in the forms of wall paintings, pot painting, Clay Modeling, and vegetable curving.

The Vigilance Awareness Week was observed in the school from 29th October to 3rd November 2018 with the endeavor to promote transparency, probity and integrity. The theme of the week was "Eradicate Corruption—Build a New India". Activities like Essay Writing, Poster Making and Extempore Speech Competitions were organized during the week. Many students also spoke strongly in the morning assembly on how to inculcate moral values in students and how to curb corruption in public life.

The Communal Harmony Campaign Week was observed from 19th to 25th November 2018 and Flag Day on 25th November (Friday). By observing the Flag Day, the message of communal harmony and National integration was communicated to all the students and staff of the AECS-4, Mumbai in order to maintain the peace and harmony among the citizens of India. During the Campaign Week some students of classes X and XI spoke during the morning assembly of the school on the meaning, need, significance and importance of Communal Harmony in a country like India. An essay writing competition was also conducted.

An amount of Rs. 10,500/ was collected by the NCC cadets of the school as voluntary donation from the students and staff in the week to raise fund to enhance the resources of the National Foundation for Communal Harmony, New Delhi which was sent to NFCH, New Delhi.

AECS-4, Anushaktinagar was entrusted with the responsibility of conducting the **All India Inter AECS English Debate** both for Junior and senior category on 27th November 2018. Eight teams from the four zones participated in it. Debating helps you to develop essential critical thinking skills – the ability to make reasoned and well thought out arguments in addition to questioning the evidence behind a particular stance or conclusion

Sports Events

Sports and games are the ways of enhancing the children's mental and physical growth. **Sport** develops a sense of friendliness among the children and develops their team spirit. It shapes their body and makes it strong and active. With these aims many sports events were conducted in the school.

The School administration brought smile on every child's face by arranging a **FUN FAIR and ART MELA** for the children by celebrating the **CHILDREN DAY on 1st December 2018** where the children put up food stalls and participated in drawing and painting. Children enjoyed the day with great zeal and enthusiasm.

All India AECS/JC Art Competition 2018(School Level)

The All India AECS/JC Art Competition at the school level was conducted on 28th November 2018. More than 800 students from Pre-Prep to Class XII participated in it.

Based on the playway method of teaching, various **CCA activities** were conducted for the Prep and Pre prep students of the school which the kids got motivated and enjoyed various learning experiences.

Prep Prize Distribution Function was celebrated in the school on 15th December 2018. The tiny tots were given away the CCA and Sports prizes by the Chief Guest of the day, Dr. Divya Gupta

Swachh Bharat Abhiyan is a nation-wide campaign in [India](#) for the period 2014 to 2019 that aims to clean up the streets, roads and infrastructure of India's cities, towns, and rural areas. Many students of the school participated in this mission.

AECS-4, Mumbai celebrated the the success stories of the students at a glittering [Annual Prize Distribution Ceremony](#) for all Classes in the Multi-Purpose Hall, Training School Hostel, Anushaktinagar on 20th and 22nd December 2018. The school honoured all its achievers for having attained a sterling record both in scholastic and co-scholastic domain. The students were awarded certificates by the Chief Guests, Guests of Honour and other distinguished guests on the occasion for appreciating their hard work, determination & will power.

A **Sky watch program** was held by the Physics department during which many students and parents viewed and watched the planet- Mars and everyone appreciated and enjoyed it.

A new initiative is taken this year to serve the society in the form of helping hands to the helpless and discarded old people. Students and teachers of the school visited MATRU SADAN, an old aged home in

Navi Mumbai and donated the everyday used materials and sponsored a lunch party for the elders of the home. A cultural program was also arranged for the enjoyment of the elders.

PRINCIPAL

AECS-4

ANUSHAKTINAGAR, MUMBAI