

## ATOMIC ENERGY CENTRAL SCHOOL-4, MUMBAI

### ANNUAL DAY REPORT FOR 2016-17

“Sow an act, and you reap a habit  
Sow a habit and you reap a character  
Sow a character and you reap a destiny”

**George Dana Boardman**

Attitude and habits are formed very early in one's life. What children learn in their impressionable childhood years stays with them throughout their lives. And, children as we all know constitute the future of a Nation.

**Good Evening Ladies and Gentlemen,**

It is my great pleasure and privilege to present before you the Annual Report of our school for the Academic year 2016 –2017. It has been a truly rewarding year. I wish to begin with our performance on the academic front. Achieving academic excellence is at the heart of our endeavor as educators. The results of classes X and XII mirror our efforts, dedication and sincerity towards the academics. We are happy to share with you the details of the commendable performance of our students in the CBSE Class X and Class XII examinations held in March 2016.

### ACADEMIC ACHIVEMENTS

**92** students appeared in CBSE Class X exams, out of which **43** scored **A1** Grades in all subjects and CGPA of perfect 10. The Excellence Index was 94.5 and Quality Index was 8.64. We feel extremely proud and privileged to announce here that **Ms Supreeta Sen** from our school topped the Class 10 CBSE Examination among all the six AEC Schools of Anushaktinagar securing 98.8% marks.

**43 Students scored a CGPA 10 in Class X. They are**

S.No.	CANDIDATE NAME	S.No	CANDIDATE NAME
1	AISWARYA P S	23	AASTHA SRIVASTAVA
2	CATHERINE M ANTONY	24	ADITI KUKRETI
3	DIVHYA GNANASEKAR	25	BHARGAVI SANDUR
4	ISHA NILESH GOHEL	26	DEBDUTTA KUNDU
5	KASTURI KAUSHIK KAYAL	27	DEEPA KUMARI

6	MICHELLE SUSAN JIJU	28	GUNJAN BHUTADA
7	MITALEE RK OZA	29	JAISHREE GOLANI
8	PRABHLEEN KAUR	30	KRISHNA PRIYA PREMAKUMAR
9	SAI SLEGHANA BALA	31	POOJA MALATESHA NADIG
10	SAUMYA KARRI	32	KOTA SAISHREE
11	SHRUTI SATISH	33	SANJIVANI SANKHLA
12	SHUBHRA JENA	34	SHIVANI SAXENA
13	SUPREETA SEN	35	SONIA IMRAN M SIDDAVATAM
14	URJITA SHARMA	36	AARON CHERIAN
15	ABHINAV SINGH	37	ADITYA DEV
16	ARKAPRAVA PAL	38	ANIKET ROY
17	ASSER ISRAR ANSARI	39	ARUN DAS
18	CHINMAY KUMAR	40	IVANSHU KAUSHIK
19	HRISHIKESH S PRADHAN	41	PRIYANUJ BORDOLOI
20	KEVIN PAULOSE	42	RISHABH PATRA
21	PRANAY PANT	43	SAIVIRINCHI PRABANDAKAVI
22	SUMIT SUNIL KUMAR		

### CLASS XII RESULT

In the AISSCE (Class XII) examinations conducted by the CBSE, the number of students appeared were **86** and out of which **20** of them scored more than **90%** and above marks. **Ms Shriya TP** topped the school with **97.8%** marks, closely followed by **Mast Kushagra Pandey** with **97.4%** and **Ms Anushka Kulkarni** bagged the **third position** with **96.2%** marks.

### CLASS XII TOPPERS

NAME OF THE STUDENT	MARKS IN %	RANK
T P SHRIYA	97.8	<b>I</b>
KUSHAGRA PANDEY	97.4	<b>II</b>
ANUSHKA HEMANT KULKARNI	96.2	<b>III</b>

### CLASS XII SUBJECT TOPPERS

Subject	Name	Marks out of 100
English	<b>T P SHRIYA</b>	<b>98</b>
Maths	<b>T P SHRIYA</b>	<b>98</b>
	<b>KUSHAGRA PANDEY</b>	<b>98</b>
Physics	<b>KUSHAGRA PANDEY</b>	<b>99</b>
	<b>ANUSHKA H KULKARNI</b>	<b>99</b>
Chemistry	<b>ANUSHKA H KULKARNI</b>	<b>99</b>
	<b>AKSHAYA KUMAR</b>	<b>99</b>
Comp Sc	<b>T P SHRIYA</b>	<b>100</b>
Biology	<b>KUSHAGRA PANDEY</b>	<b>100</b>

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

#### **6 Students Got ADMISSION in IITs**

1. Mast. Ajay P Jalgaonkar- B Tech (CSE) in IIT Kanpur
2. Mast. Abhiraj Khanse 5yrs Dual Degree in IIT Bombay
3. Mast. Kushal Yadav- B Tech (Aerospace Engg) In IIT Bombay
4. Mast. Malhar Jadhav B Tech (Mech Engg) in IIT Bombay
5. Mast. Yash Kadam B Tech (Chem Engg) in IIT Bombay
6. Mast. Upamanyu Chatterjee 5yrs Dual Degree in Biotech & Bio-chem. in IIT Kharagpur

#### **5 Students Got ADMISSION in NITs, IIIT and other reputed Colleges**

1. Ms. Anushaka Kulkarni B Tech (ECE) in VNIT Nagpur
2. Ms. Akshaya Kumar B Tech (Chem Engg) in NIT Calicut
3. Mast. Mandeep Chakma B Tech (IT) in IIIT Allahabad
4. Ms. Shriya TP B Tech (CSE) in BITS Pilani, Goa Campus
5. Mast. Rituraj Biswas B Tech (CSE) in VIT Vellore

#### **8 Students Got ADMISSION in Medical Colleges**

1. Mast. Kushagra Pandey—AIIMS, New Delhi (AIR-8 and JIPMER AIR Rank-1)
2. Ms. Anveshi Nayan---Seth G S Medical College, Mumbai (AIIMS AIR Rank- 254)
3. Mast. Somesh Jain ---Kasturba Medical College, Manipal University
4. Ms. Amrita Achuthan—Ulhas Patil Medical College, Jalgaon
5. Mast. Devesh Rane – BKL Walawalkar Medical College, Ratnagiri
6. Ms. Srishti Shaw—R G Kar Medical College, Kolkata
7. Ms. G Sneha—Terna Medical College, Nerul, Navi Mumbai
8. Ms. Preeti Pole- SKN Medical College and General Hospital, Pune

## **2 Students Got ADMISSION in Law**

1. Ms. Nidhisa Garg—B.A., LL.B (Hons.)in National Law Institute University, Bhopal
2. Ms.. Ayushi Pandit— B.A., LL.B in ILS Law College, Pune

It is a matter of immense pleasure to announce on this auspicious occasion that AECS-4, Mumbai was awarded the **Dr Vikram Sarabhai Trophy for the best academic performance in 2015-16** among the Junior Colleges in AEES.

We, the staff and students take this opportunity to **congratulate** the Students for their excellent performance and extend warm wishes for their bright future. We wholeheartedly wish that all their dreams and aspirations come true.

## **ACHIEVEMENT IN DIFFERENT EXTERNAL/COMPETITIVE EXAMS AND OLYMPIADS**

### **1. ACHIEVEMENT IN NTSE**

Two students have qualified in the National Level NTSE conducted by the NCERT, New Delhi and became eligible for scholarship. They are

1. Ms.Kota Saishree
2. Ms. Urjitha Sharma

**2.** In the most coveted KVPY exam, Ms. Devosmita Sen secured the Fellowship for the year 2015-16. This is a Scholarship programme for those who are interested to pursue basic sciences and funded by the Department of Science and Technology, Govt. of India.

### **3. All India AEES Junior Science and Mathematics Olympiad**

Master Shubham Gupta of Class X F and Master Tamoghno Kandar of X E participated in the All India AEES JSO/JMO 2016 conducted in AECS-3, Mumbai from 17th to 22nd October 2016. Master Shubham Gupta won the First Prize in Quiz and Master Tamoghno Kandar was awarded the Second Prize in Quiz and won the Sandhya G Memorial medals for JSO/JMO.

### **4. All India AECS/JC Zonal Debate in English**

Ms. Bonobithi Biswas of XI B and Ms. Dwitiya Chandekar of XII A participated in the All India Inter AECS/JC Zonal Debate in English organized by the AEES on 27th August 2016 at AECS-2, Tarapur and secured the 2nd position in the Senior Category. The Junior Category was represented by Master Shubham Gupta and Master Suhas Sheikh of X F who bagged the 3rd Prize.

**5. Pre Prep and Prep Fancy Dress Competition** was arranged on 24h September 2016

#### **6. Extempore Speech Competition Organized by NPCIL**

In an Extempore Speech Competition arranged for the students of classes XI & XII which was organized by the Directorate of Vigilance, NPCIL, Mumbai as a part of the observance of the Vigilance Awareness Week on 3rd November 2016, **Ms. Bonobithi Biswas of XI B and Ms. Dwitiya Chandekhar of XII A** bagged the first and the second prizes respectively. They were awarded with cash prizes and certificates

#### **7. Achievement of Master Adarsh Mishra**

Master Adarsh Mishra of class 8 of the school has achieved International Rank 1(One) in the 18th SOF National Science Olympiad. He has been awarded with a certificate and cash prize of Rs. 50,000/ (Fifty Thousand Rupees) for his outstanding performance.

#### **8. Achievement of Master Pratyush Sharma**

Master Pratyush Sharma of class 7 has achieved All India Rank 1 (One) and won a Gold Medal and a 9-Day NASA-USA Tour worth Rs. 200000/ (Two Lakhs Rupees) for his outstanding performance in the RESO STaRT examination, a National Level Talent Search Exam, which aims to reach out, identify, reward & nurture talented students across the country which was conducted by Resonance Eduventures, Pvt. Ltd., a leading Coaching Institute based in Kota, Rajasthan

9. It gives me great pleasure to announce that **in the All India AECS/JC Science, Social, Maths, Teaching Aid Exhibition** held at AECS, Narwapahar in August, 2015, two students of our school won laurels. **Master Prateesh R K of Class XII-A** won the 1<sup>st</sup> Prize in the Senior Science project entitled "Home Automation "This project was also exhibited at the 43rd Jawaharlal Nehru National Science, Mathematics and Environment Exhibition for Children (JNNSEE) in December 2016 in Bangalore which organized by the NCERT, New Delhi in collaboration with the Department of Education, Govt. of Karnataka, Bengaluru.

The Social Science project entitled "Life saving Vehicle" designed by **Master J. Jesen Joel** of Class VII F also bagged the first prize.

**10.** The students of classes 7 and 9 bagged the Runner Up School award in their category and the students of class 8 bagged the Best School award in **the Institute for the Promotion of**

**Mathematics (IPM), Examination** conducted in April 2016. About 282 students from classes 2 to 9 participated in this Mathematics examination.

**11.** About 50 students of class 5 and 40 students from class 8 participated in the **Maths Concept Exam** conducted by the Brihanmumbai Ganit Adhyapak Mandal, Mumbai in July 2016. 19 students from class 5 and 13 students from class 8 were awarded “A” Grade in this examination.

**12.** The Mumbai Science Teachers’ Association conducted the **Dr Homi Bhabha Balvaidnyanik Competition** on 1st October 2016 in which about 29 students from class 6 and 21 from class 9 participated. Three students from class 6—Ayanna Mandal, Pranjal Chourasia and Priyansh Verma—qualified for the Level 2 and 13 students of class 9 have qualified for the Level 2. The students are Maitreyi Bandhopadhyay, Aenakshee Roy, Arpan Basu, Devesh, Mayank Jain, Aritra, Rishiraj, Akshaj, Saivikas, Aaditya, Shubham, Aditya Kulkarni and Ishita Rana.

**13.** About 465 students participated in **the National Science Olympiad** and 171 students took part in **the National Cyber Olympiad** conducted by the Science Olympiad Foundation (SOF), New Delhi.

**14.** 50 class X students of the school participated in the **NTSE 1st Level examination in November 2016** conducted by the Maharashtra State Council of Examination, Pune. Result is awaited.

#### **15. VIVEKINI GROUP SINGING COMPETITION**

The children of our school participated in the VIVEKINI Group Patriotic singing competition organized by Swami Vivekananda Education Society College, Chembur, Mumbai on 15th August 2016 where they got the following prizes:

1. Primary Group— III Prize
2. Secondary Group ---- II Prize
3. Sr. Secondary --- III Prize

**16.** The **All India AEES Art competition 2016(School Level)** was conducted on 20<sup>th</sup> August 2016 where about 925 students from Pre Prep to Class 12 participated actively and the result is awaited

#### **AEES BEST TEACHERS AWARDS FOR 2015-16**

Mr. Jebin Joel, PGT (Physics) was selected as one of the best teachers of AEES for 2015-16 and was awarded the AEES BEST TEACHERS AWARD who was felicitated on Teachers Day

Celebration organized by the AEES on 3rd September 2016. Mr. Joel has been one of the outstanding teachers in the senior secondary section and has been contributing tremendously through his selfless service. We are proud of him!

## **ACHIEVEMENT IN SPORTS**

**1.** In the **All India Inter AECS Badminton** held at AECS Kakrapar in November 2016, the following students from different categories became the Champions (Winners) in

**Under 14 boys.** The participants are

1. Mast. Sushant R VIII E
2. Mast Kartik U C VIII E
3. Mast Lakshya C V E

**Under 19 Girls** The participants are

1. Ms.Prishita Sinha XI A
2. Ms.Aastha Ramrane XII A
3. Ms. Dwitiya Chandekar XII A

**2.** The Under 19 Boys Football team of the school won **the Kurla Taluka Football Tournament 2016** organized by the District Sports Council. The Under 16 Girls Table Tennis of the school also became the Champion of the **Kurla Taluka T T Tournament** organized by the District Sports Council.

**3. Ms. Vincent Alaina** of Class 5 E is the Rising Chess Star of our school. She has achieved **THIRD PLACE** and was awarded **BRONZE MEDAL** in “The 12th Asian Schools Chess Championships 2016” Category U- 11 Girls, Rapid Section held in Tehran, Iran in July 2016. She also achieved **Sixth Place** in the same Championships in **STANDARD SECTION**. She was also awarded many certificates and prizes by different organizations and agencies.

## **OTHER ACTIVITIES OF THE SCHOOL**

### **1, School Advisory Committee (SAC):**

The SAC is a group comprising of parents, teachers, and other stakeholders who have a vested interest in imparting quality education at the school. The SAC members were constantly involved in the school activities.

### **2. Prep Orientation Programme**

Prep Orientation Programme for Prep teachers of AEES was conducted in AECS- 4, Mumbai from 9th to 13th May, 2016. Dr. Alpa Amin was the Chief Guest of the Inaugural Function.. Shri S K Malhotra, Secretary, AEES was the Chief Guest for the Valedictory Function.

**3. The International Yoga Day** was organized on 21st June 2016. Some of the Yoga experts were invited from the BARC Yoga Club to conduct yoga for our students and teachers.

**4. The school level All India AECS/JC Exhibitions** was held on 30<sup>th</sup> June 2016 in the school premises. It was inaugurated by the Chief Guest, Shri B S Shiv Prasad, Head ESD, DCSEM Department of Atomic Energy, Government of India. Dr. B.K. Jain Chairman LMC, AECS/JC, Mumbai was the guest of honour. There were 73 projects in Science, 63 in Mathematics and 15 in Social Science which were judged by a panel of three judges.

**5. The Investiture Ceremony** of the school was solemnized on 30<sup>th</sup> of July 2016.

**6.** The students of Classes XI & XII had the opportunity to attend a **Two Day workshop on Nuclear Chemistry Isotopes & Radio Chemistry** organized by INCAS at the BARC Training School Hostel on 23<sup>rd</sup> & 30<sup>th</sup> July 2016.

**7.** The **70th Independence Day** was celebrated on 15<sup>th</sup> August 2016 with great fervour and enthusiasm.

#### **8. EXCURSION OF ALL CLASSES**

With CCE aiming at all round development of the child's personality, AECS 4, Mumbai does not confine its students to the classrooms merely but gives them an opportunity to have an outdoor experience.

Classes Pre-prep and Prep visited Happy Planet Kurla and Thunderla Viviana, Thane

Classes 1 and 2 visited Taraporewala Aquarium

Classes 3 to 5 visited Yazoo Park

Classes 6 to 8 were taken to Silent Hill Resort, Virar.

Classes 9 and 10 had a trip to Aqua Imagica.

Classes 11 and 12 had a 2 day trip to NDA Pune

**9.** The School administration brought smile on every child's face by arranging a **FUN FAIR** for the children on the occasion of **CHILDREN DAY** where the children put up food and game stalls. Children enjoyed the day with great zeal and enthusiasm.

**10.** Smt. Reena CT, TGT (PET) successfully attended and completed the **Gender Sensitization Programme** organized by the Administrative Training Institute,



Department of Atomic Energy at V S Bhawan, Anushaktinagar, Mumbai during 15-17 November 2016

**11.** The school celebrated the **Teachers Day** on 2<sup>nd</sup> September 2016 with full zeal and enthusiasm..

**12. The Vigilance Awareness Week** was observed in the school in the second week of November 2016 with the endeavor to promote transparency, probity and integrity. Many students and teachers spoke strongly on how to inculcate moral values in students and how to curb corruption in public life.

**13. The Communal Harmony Campaign Week** was observed from 19th to 25th November 2016. 25th November, the last working day of this week, is being observed as Flag Day for raising funds to augment the resources of National Foundation for Communal Harmony (NFCH). The school raised an amount of **Rs. 6950/- (Six Thousand Nine Hundred and Fifty Rupees)** from the students and staff which was sent to National Foundation for Communal Harmony, Delhi,

#### **14. Museum on Wheels-The Big Indian Toy Story**

A Citi-CSMVS outreach initiative project initiated under a special grant from the Ministry of Culture, Govt. of India, in partnership with the Citi-India and jointly organized by the BARC Staff Club, AEES and Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, this museum was parked in front of the school and exhibited on 22 November 2016.

#### **!5.VISIT TO TIFR, Colaba, Mumbai**

On 27th November 2016, the Tata Institute of Fundamental Research, Mumbai organized a programme named "**THE FRONTIERS OF SCIENCE**" in which 15 students of class IX attended it

**16.** The Second Year **NCC (Boys)** cadets attended the Annual Training Camps in different places.

**17.** The NCC Boys collected an amount of **Rs.16,000/ (Sixteen thousand)** as donation in November 2016 for the **Cancer Care Foundation**, an NGO working on cancer control (Preventive Oncology) at National level in collaboration with various academic institutions of high reputation.

**18 M R Pai Elocution Contest** was organized in August 2016. The Prize winners are:

1. Ms Shreya Mishra 10 E
2. Master Shubham Gupta 10 F
3. Ms Nidhi Rathore 9 F

**19. The Rajbhasa section** of the school celebrated the Hindi Pakhwada and Hindi Divas with great zeal and enthusiasm. Hundreds of students participated in different competition and activities like Hindi Dictation, Hindi Grammar, Poetry Recitation, Hindi-English-Translation, Poetry Composition and Essay Writing which were conducted in the school.

The following teachers won prizes in different competitions organized by the AEES as a part of the celebration of Hindi Fortnight and Hindi Divas

(क वर्ग)

1. श्रीमती सुनीता रानी कुलपति (प्र.स्ना हिंदी/ संस्कृत)  
निबंध लेखन - तृतीय पुरस्कार
2. श्रीमती सीमा अग्रवाल  
कविता पाठ – प्रथम पुरस्कार

(ख वर्ग)

1. श्री विश्वास माने (प्राइमरी अध्यापक)  
कविता लेखन-तृतीय पुरस्कार  
हिंदी भाषण प्रतियोगिता- तृतीय पुरस्कार  
कविता पाठ – प्रथम पुरस्कार  
पोस्टर एवं स्लोगन प्रतियोगिता- प्रथम पुरस्कार
3. श्रीमती चैताली लोहार (मराठी अध्यापिका )  
- कविता लेखन-प्रथम पुरस्कार

(ग वर्ग)

1. श्रीमती अर्पणा बालाजी (प्राइमरी अध्यापिका)  
- व्याकरण/अनुवाद प्रतियोगिता- – प्रथम पुरस्कार  
- निबंध लेखन - प्रथम पुरस्कार
2. श्रीमती मालती मुरगन (प्र.स्ना.अध्यपिका,सामाजिक विज्ञान/अंग्रेजी )  
- कविता पाठ – द्वितीय पुरस्कार  
- कविता लेखन – द्वितीय पुरस्कार
3. श्रीमती भारती (प्रा.अध्यापिका)  
- कविता पाठ – प्रथम पुरस्कार  
- हिंदी भाषण प्रतियोगिता- तृतीय पुरस्कार  
- व्याकरण/अनुवाद प्रतियोगिता- – तृतीय पुरस्कार  
- कविता लेखन- प्रथम पुरस्कार

**20.** Many Co-Curricular Activities and sports have been organized throughout the academic year. Prize Distribution Functions were arranged last month and prizes given away.

#### **TEACHERS AND STAFF WHO JOINED US**

1. Shri N Sahu,Principal
2. Shri M S K Devarayalu, Vice Principal
3. Smt Neelam Sharma, TGT (Maths/Physics)
4. Smt Bhaswati Chakraborty,TGT(Bio/Chem)
5. Shri Ajay Kumar,TGT(Eng/SSt)

6. Shri Prakash Wadkar,PET
7. Smt Reena CT, PET
8. Smt Dola Kar Birua,TGT(Art)
9. Smt Sarita Khatri,PRT
10. Smt Aparna Balaji,PRT
11. Shri Shubendu Mishra,PRT
12. Smt Manju Rani,PRT
13. Shri Nagaraj, PRT (Music)
14. Shri Rameshwar Rai,PRT
15. Shri G V Kulkarni, Jr Lib.
16. Smt Jayashree Jaiswal Lab Asstt.
17. Shri Arun Baviskar,Lab Asstt
18. Smt Akshada Todankar , UDC
19. Shri Girendra Walmiki,MTS
20. Smt Pratibha Sonawane,MTS

#### **TEACHERS AND STAFF TAKEN VRS**

1. Smt C V Reema, PRT
2. Smt Lily Pardeshi,Assistant
3. Shri Arun Baviskar, Lab Asstt

#### **TEACHERS AND STAFF TRANSFERRED FROM THE SCHOOL**

1. Smt.B Gomathi, Principal
2. Smt Roma Kachhap, Vice Principal
3. Smt Sangeetha Mishra,TGT Maths
4. Smt Snehal Parab TGT,PET
5. Shri R Stylemon Pillai,TGT,PET
6. Smt Asha Sharma TGT English
7. Smt T Uma TGT Comp Sc
8. Smt Vijaya Promod TGT Bio/Chem
9. Smt Saumya Nair,PRT
10. Smt Sanchita Bannerjee,PRT Music
11. Smt, Jayashree Madhu,PRT
12. Shri Franchis Aloor,PRT
13. Smt Mamta Mishra,PRT
14. Smt Poonam Bahuguna,PRT
15. Smt. Jayashree Raghavan Prep Teacher
15. Smt Papia Mazumdar Prep teacher
16. Shri Shankar Sorge,MTS
17. Smt Shabhana Hussain,MTS
18. Mr Duryodhan,MTS

#### **CONCLUSION**

I would like to conclude by saying that -

EDUCATION IS AN ONGOING PROCESS.

SUCCESS COMES FROM

ASPIRATION, PERSPIRATION AND INSPIRATION;

AND THE PROCESS IS ONGOING.

Thank you!