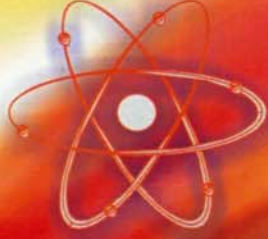


परमाणु ऊर्जा शिक्षण संस्था
ATOMIC ENERGY EDUCATION SOCIETY

अणुशक्ति नगर मुम्बई ४०००९४
Anushakti Nagar, Mumbai - 400 094



होमी भाभा जन्म शताब्दी वर्ष
Homi Bhabha Birth Centenary Year
30 October 2008 - 30 October 2009



वार्षिक रिपोर्ट
Annual Report
2008-2009

THE GOVERNING COUNCIL

Dr. S. K. Kulshreshtha,
Raja Ramanna Fellow &
Chairman, Atomic Energy Education Society,
Western Sector, Anushaktinagar, Mumbai – 400 094

Prof. V. N. Rajasekharan Pillai,
Vice-Chancellor,
Indira Gandhi National Open University,
Maidan Garhi, New Delhi – 110 068

Dr. U. N. Singh,
Joint Commissioner (Academics),
Kendriya Vidyalaya Sangathan
18, Institutional Area, Shaheed Jeet Singh Marg,
New Delhi – 110 602

Dr. P. Mukherjee,
Joint Secretary (R&D),
Department of Atomic Energy,
CSM Marg, Mumbai – 400 001

Shri S. Ramanujam,
Director (OS), DCS&EM, V S Bhavan,
Anushaktinagar, Mumbai – 400 094

Dr. S. F. D'Souza,
Head, Nuclear Agriculture & Bio Technology Division,
BARC, Trombay, Mumbai – 400 085

Shri G. Nageswar Rao,
Director (Operations) NPCIL,
Anushaktinagar, Mumbai – 400 094

Shri A. L. N. Rao,
Chief Executive, HWB, V S Bhavan,
Anushaktinagar, Mumbai – 400 094

Dr. R. R. Puri,
Head, Human Resource Development Division, BARC &
Dean, Homi Bhabha National Institute,
BARC, Mumbai – 400 094

Dr. H. C. Pradhan,
Centre Director, Homi Bhabha Centre for Science Education, TIFR,
V. N. Purav Marg, Mankhurd, Mumbai – 400 088

Prof. Anil K. Singh,
Dept. of Chemistry, IIT, Powai, Mumbai – 400 076

Shri A. Ramaiah,
Internal Financial Adviser, BARC, Mumbai – 400 085

Prof. S. D. Samant,
Head, Dept. of Chemistry,
Institute of Chemical Technology,
N. M. Parekh Road, Matunga, Mumbai – 400 019

Shri V. R. Sadasivam,
Joint Secretary (Finance)
Department of Atomic Energy, CSM Marg, Mumbai – 400 001

Dr. Ashok Kumar,
Scientific Officer (H), Reactor Physics Design Division, BARC &
Secretary, Atomic Energy Education Society,
Western Sector, Anushaktinagar, Mumbai – 400 094

Innovative Endeavours by AEES

AEES launched several new programmes to open up new vistas of learning and encourage students to develop an all round personality through myriad opportunities spanning various disciplines.

Through the Satellite and IT-Enabled Education (SITE), AEES aims to bring about a metamorphosis in the way of teaching-learning process by harnessing the potential of the multimedia. The process of linking all the AEC Schools through a dedicated satellite with a separate bandwidth is complete.

Dr. Anil Kakodkar, Chairman, AEC & Secretary, DAE, Govt. of India interacted with some of the AEC Schools on 11th June, 2009 from the ASTER studio. AEES has started the regular transmission of lectures from ASTER studio, as a part of the e-learning process, with the available infrastructure.

To create awareness about SITE and to equip the staff with the necessary skills to use the technology with efficacy, an ambitious training programme - Total Proficiency in Satellite and I.T. Enabled Education for School Teachers was launched. It was inaugurated by former President of India, Dr. APJ Abdul Kalam. The entire staff of AEES has been trained in a phased manner.

AEES was very keen on providing a forum that could focus on preventive measures to overcome the dire consequences of neglect and apathy towards health related issues. AEES conducted a seminar on 'Health Awareness' in collaboration with the medical fraternity of BARC Hospital on 08-11-2008. This endeavour was aimed at making people understand the importance of good health in body, mind and soul. The cordiality and the dedication of the learned doctors had the enlightened audiences sharing their fears and doubts in the panel discussion, wherein they voiced their apprehensions about various ill adjustments in their day-to-day lives and sought corrective measures to balance their hectic mechanical lives with good health.

A panel of doctors from the Medical Council of India conducted seminars on Obesity, Proper diet etc. in almost all the AEC Schools in Mumbai in the month of July, 2008. They interacted with the students of Class IX and created awareness among them regarding the dietary habits and healthy living.

The National Conference on 'Perspectives in School Education' was a four-day conference that was aimed at focusing attention on bringing about a paradigm shift from conventional to innovative methods of imparting school education. The conference was

inaugurated by Dr. Anil Kakodkar, Chairman, AEC & Secretary, DAE, Govt. of India on 11th June, 2009. The book, 'Atomic Energy Education Society...a glorious saga since 1969' which depicts forty years of accomplishments of AEES was also released by Dr. Anil Kakodkar.

AEES has offered an opportunity to its staff to widen their spectrum of knowledge and acquire associated professional skills through a two-year off-campus programme leading to a Master's Degree in Educational Systems Management in collaboration with BITS, Pilani. The selected staff of AEES including two Principals, one Vice-Principal (I/c) and sixteen teachers who had enrolled for this programme, appeared for their first semester examination in September, 2008 and the second semester examination in April, 2009. They also participated in the contact programme during May, 2009 for the third semester.

United Kingdom India Education and Research Initiative (UKIERI) organized a workshop on ICT in education at the British Council in New Delhi in April, 2008 which was attended by two principals. Seven Principals and three Vice-Principals (I/c) from Mumbai and Manuguru clusters visited UK during the 2nd week of November, 2008 for sharing and developing ideas for projects, for consultations on working as a cluster of schools and using innovative Information and Communication Technology (ICT) to enhance international project work. Four teachers from Silver Hill School and Village Primary School, Derbyshire UK have visited Atomic Energy Central Schools, Mumbai during 6-10 July, 2009. They have interacted with students of primary classes. A similar visit by teachers from Mumbai schools to Derby is scheduled in October, 2009.

The student exchange programme is an effort to reach out to students of other schools all over the world to facilitate a healthy exchange of ideas and cultures in a conducive atmosphere which will ultimately help in promoting peace, unity and better understanding amongst the torch bearers of tomorrow. AEES has tied-up with Global India Foundation which runs international schools at Singapore, Vietnam, Japan, New Zealand and Thailand. 23 students of Class XI from various AEJCs visited the Global International School, Singapore as a part of the student exchange programme for a week during February, 2008. The students were escorted by Shri. Madan Rao, Principal, AECS-1, Mumbai, Smt. Nilima Srivastava from AECS, Anupuram and Shri. Kothandan from AECS, Jaduguda. Dr. S. K. Kulshreshtha, Chairman, AEES accompanied the contingent.

AECS - 4, Mumbai, AECS-3, Tarapur and AECS, Mysore have been granted permission by the CBSE to start Class XI from the academic year 2009-10. AECS, Turamdih had applied for affiliation.

SUMMARY OF THE ANNUAL REPORT

(2008-2009)

The Atomic Energy Education Society was established to provide quality education to the children of the employees of the Department of Atomic Energy and its constituent units. From a modest beginning in the year 1969 with one school in Anushaktinagar, the AEES has grown from strength to strength, and currently administers 30 schools and Junior colleges at 15 locations all over the country, with total student strength of over 27,000 and about 1728 employees, of whom over 1406 are teachers.

AEES has achieved significant results in its pursuit of excellence in academic as well as non-academic fields. The enrichment of the school libraries, computer aided education, improved sports facilities, introduction of adventure sports, in-service training programmes for teachers and enrichment programmes for students have helped the institution to set new benchmarks in excellence. Projects like the construction of auditoria, additional classrooms and the setting up of computer and mathematical laboratories have greatly contributed to the strengthening of infrastructural facilities in our schools.

Several new initiatives like the launching of key long-term projects such as Application of Science and Technology for Educational Reforms (ASTER), the Simplified Programme for Educational Excellence and Development (SPEED) and on-going programmes like the initiation of adventure sports, Project Green Shield - to spread awareness about the environment and a project called The Spirit of Gandhi - to spread Gandhian philosophy, have helped the institution to break new grounds and scale greater heights even while widening the scope of education . Welfare measures aimed at students as well as the community around were also taken up.

The All India Junior Science and Mathematics Olympiad as well as the AEES Science and Social Science Exhibitions are being organized every year to motivate and nurture the students. Selected exhibits are sent to the Jawaharlal Nehru National Science Exhibition. Enrichment programmes for bright students of the higher secondary class and training programmes for the NTS examinations are conducted every year. To broaden the knowledge of the students, educational trips have become a regular feature in all the schools. Under the project, 'Roadmap for strengthening Science Education', students were involved in summer science projects in order to give them hands-on experience. Many interactive sessions with eminent scientists were also arranged for students.

More than 260 students of AEES have secured admission to reputed professional colleges for Engineering, Medicine, NDA etc.

In the All India Secondary School Examination held in March 2009, the average pass percentage was 98.96. In the Higher Secondary Examination, the average pass percentage was 90.50.

The strengthening of sports facilities has helped the students to improve their skills and bring laurels to their schools.

The Talent Nurture Programme for the bright children from the rural/tribal areas is running at eleven centres. At present 1055 children are receiving free education and other facilities under this programme.

The Dr. Homi Bhabha Rolling Trophy was awarded to AECS, Manuguru for the best overall performance among schools and to AEJC, Mumbai for the best overall performance among junior colleges for the year 2007-2008.

The Dr. Vikram Sarabhai Rolling Trophy was awarded to AECS-2, Tarapur for being the most progressive school of the AEES and to AECS-1, Tarapur for being the most progressive junior college of the AEES.

ATOMIC ENERGY EDUCATION SOCIETY

Anushaktinagar, Mumbai – 400 094

Annual Report (2008 – 2009)

The Atomic Energy Education Society (AEES), an autonomous institution under the administrative charge of the Department of Atomic Energy (DAE) was established in the year 1969 to meet the educational needs of the children of the employees of the Department of Atomic Energy and its constituent units working at different centres in the country. AEES currently administers 30 schools/ Junior colleges at 15 centres located all over India and provides education to over 27, 000 students. At present there are about 1728 employees of whom over 1406 belong to the teaching category.

AEES has achieved remarkable success in its quest for excellence in academic as well as non-academic areas such as sports, NCC and arts. Several positive measures like the strengthening of infrastructure facilities, enrichment of the school libraries, computer-aided education and improvement of sports facilities and in-service training programmes for the teachers as well as enrichment and educational programmes for the students have contributed significantly to the objective of providing quality education that would meet the aspirations of the students.

Essential facilities like computer laboratories as well as mathematics laboratories have been added to almost all the schools. The pre-preparatory and preparatory Classes are running successfully at many centres. Activity rooms equipped with teaching aids and LCD projectors in all the primary schools have strengthened the teaching-learning process.

1. ACADEMIC PERFORMANCE

1.1 Board results

1931 students took the All India Secondary School Examination (CBSE) in March 2009. The pass percentage was **98.96**. The number of students who took the Higher Secondary Examination was **1911** and the pass percentage was **90.50**.

1.1.1 All India Secondary School (AISS), Examination 2009

Out of twenty-eight AEC schools, twenty-one schools (Mumbai-4 & 5, Tarapur-1, 2 & 3, Narora, Rawatbhata-2, Anupuram, Jaduguda-1, Narwapahar EM & HM, Indore, Mysore, Oscom, Hyderabad-1 & 2, Kalpakkam-1 & 2, Manuguru, Kaiga and Kudankulam) have secured **100%** results. The pass percentage was above 98 in 26 AEC schools. 83.53 % of students have passed in the first division out of which 54.53% have obtained distinction. The school-wise numbers of students who have got 100% in Mathematics and Social Science are given below:

Subject	Centre / School
Mathematics	1 in AECS -1, Mumbai, 3 in AECS -3, Mumbai, 5 in AECS - 4, Mumbai, 1 in AECS-5, Mumbai, 2 in AECS-2, Tarapur, 1 in AECS-3, Tarapur, 4 in AECS-2, Rawatbhata, 3 in AECS-4, Rawatbhata, 6 in AECS, Narora, 1 in AECS, Kakrapar, 1 in AECS, Indore, 1 in AECS-1, Hyderabad, 3 in AECS, Manuguru, 1 in AECS, Mysore, 1 in AECS-1, Jaduguda, 1 in AECS, Kudankulam, 4 in AECS, Kaiga and 1 in AECS, Anupuram
Social Science	2 in AECS-4, Mumbai, 1 in AECS-5, Mumbai, 1 in AECS-2, Rawatbhata, 1 in AECS, Indore, 1 in AECS, Kudankulam and 2 in AECS, Kaiga

1.1.2 All India Senior Secondary Certificate (AISSC) / HSC Examination, 2009

AECS, Kudankulam, has achieved 100% results. The pass percentage of AEJC, Mumbai, AECS-1, Tarapur, AECS, Narora, AECS-2, Kalpakkam, AECS-2, Jaduguda, AECS, Kakrapar, AECS, Indore and AECS, Kaiga is above 90. Overall, 70.63 % students have passed in the first division, of which 35.43% have passed with distinction.

Kumari Shweta Khannan of AEJC, Mumbai stood first in Class XII, Maharashtra Board, Mumbai division with 95.67%.

A number of students in CBSE and State boards have secured 100% marks in individual subjects, as listed below:

Subject	Centre / School
Mathematics	1 in AECS-4, Rawatbhata, 1 in AECS, Manuguru and 8 in AECS, Kalpakkam
Chemistry	4 in AECS-2, Kalpakkam
Computer Science	1 in AECS-1, Tarapur, 1 in AECS-4, Rawatbhata and 2 in AECS-2, Kalpakkam

1.2 Admission to Professional Courses

A large number of students have secured admission in 2009 to professional courses all over the country. The particulars are as follows.

(a)

Professional Courses	No. of Students	Schools / Colleges
<i>Engineering</i>		
I.I.T	28	5 from AECS-1, Tarapur, 13 from AEJC, Mumbai, 3 from AECS, Indore, 1 from AECS-1, Hyderabad, 5 from AECS-4, Rawatbhata, 1 from AECS, Kakrapar
AIEEE (NIT/ other Engineering Colleges)	38	15 from AECS-2, Kalpakkam, 1 from AECS, Kaiga, 3 from AECS, Indore, 5 from AECS-1, Tarapur, 12 from AECS-4, Rawatbhata, 2 from AECS, Kakrapar
Through State Entrance Exams	174	9 from AECS, Kudankulam, 14 from AECS, Kaiga, 12 from AECS, Manuguru, 20 from AECS-1 Hyderabad, 8 from AECS, Indore, 75 from AECS-4, Rawatbhata, 18 from AECS, Kakrapar, 16 from AECS, Narora, 2 from AECS-1, Tarapur

(b)

Professional Courses	No. of Students	Schools / Colleges
<i>Medicine (MBBS)</i>		
Through All India Entrance Exams	7	5 from AECS-2, Kalpakkam, 1 from AECS-4, Rawatbhata, 1 from AECS, Narora
Through State Entrance Exams	7	1 from AEJC, Mumbai, 5 from AECS, Kaiga, 1 from AECS-1, Tarapur
<i>BDS</i>		
	4	1 from AECS-2, Kalpakkam, 1 from AEJC, Mumbai, 1 from AECS, Narora, 1 from AECS-4, Rawatbhata

(c)

<i>NDA</i>		
	2	1 from AECS, Kaiga and 1 from AECS, Narora
Total (a + b + c)	260	

1.3 National Talent Search (NTS) Scholarship

Several students of AEC Schools performed well in the talent search examinations conducted by different states. Many cleared the NTS as well. The particulars of those selected to receive the prestigious scholarship are as follows.

School	No. of students who cleared NTS examination – May 2008	Finally selected for scholarship in – 2008
AECS, Narora	1	Result awaited
AECS-2, Kalpakkam	1	1
AECS, Anupuram	2	2
AECS, Kaiga	12	5
AECS, Indore	5	5
Total	21	13

1.4 UNO examination

School	Achievement
AECS-4, Rawatbhata	One student in the Junior category and one student in the senior category secured 90% and received cash award.
AECS-5, Mumbai	One student in the Junior category secured 73% and received cash award.
AECS-6, Mumbai	One student in the Junior category secured 90% and one student in the Pre-senior category secured 90% and received cash awards.
AECS, Kaiga	Two students in the Pre-senior category and one student in the Junior category secured above 90% and received cash awards.

1.5 Regional/National/International Mathematics/Science Olympiad

- The Regional Mathematics Olympiad (RMO) classes were started in AEJC, Mumbai on 4-08-2008 and continued till 4-11-2008. Four resource persons from BARC namely Shri Zaffar Ahmed, Shri M. A. Prasad, Shri K. C. Bhalla and Shri A. N. Joseph conducted the classes. RMO exam was held on 9-11-2008. Five students of AEJC, Mumbai have been selected to appear for the Indian National Mathematical Olympiad (INMO)-2009. One student out of them was selected to appear for the International Mathematical Olympiad (IMO)-2009.
- In the National Standard Examination, seven students in Astronomy, four students in Chemistry, four students in Physics and one in Biology from AEJC, Mumbai were placed among the Top10% in the senior level. One student from AECS, Manuguru in Junior Level was placed in National Top 10%, two students in Senior Level were placed in National Top 10% and one student was placed in National Top 1% in Astronomy in Junior Level. One student from AECS, Indore was placed among top 301 in Biology.

1.6 Other achievements

- At the All India level Inter AECS Science Quiz conducted by Hindi Vigyan Sahitya Parishad, BARC, Mumbai, the team from AECS-2, Rawatbhata bagged the 1st position, the team from AECS, Narwapahar won the 2nd position and one team from AECS-4, Mumbai secured the 3rd position. AECS, Manuguru secured the 4th position.
- Pavan Hebbar of AECS, Kaiga secured the 2nd rank in the 11th National Science Olympiad at All India Level conducted by the Science Olympiad Foundation. He was awarded a Laptop and a Silver Medal by Hon'ble Justice Shri J. S. Verma, Former Chief Justice, Supreme Court of India. Eight students of AECS, Kaiga

have secured excellent ranks in the 11th National Science Olympiad at All India Level. Shruti Nambiar, a meritorious student of Class XII from AECS, Kaiga was selected by the Ministry of Human Resource Development, Department of Higher Education to witness the Republic Day Parade, 2009 from the Prime Minister's box as a mark of appreciation for her outstanding performance in Class XII, CBSE Examination, 2008.

- Arpita Sen, Class X of AECS-3, Mumbai won the 2nd position in the All India MNRE Quiz held by the Ministry of New and Renewable Energy. She received a cash prize of Rs. 20,000 and was presented a solar lantern. The school was awarded a solar kit.
- Prince Jha of AECS-2, Tarapur has won the bronze medal in Insight National Talent Hunt-2008 conducted by Navgurukul. He has secured 8th rank at All India level in Std. VI and has been awarded a scholarship worth Rs. 80,000. Piyush Divyankar has won the silver medal. He secured 5th rank at All India level in Std. IX and has been awarded a scholarship worth Rs. 90,000.
- Abhishek Naik of Class VIII from AECS, Indore was crowned RDA Maths Wizard and awarded a cash prize of Rs.50,000/- in an Inter School RDA Maths Wizard Contest, organized by Shri Agrasen Vidyalaya, Indore.
- Himangi Saraogi from AECS-4, Mumbai secured a Silver Medal for having displayed proficiency at Dr. Homi Bhabha Bal Vaidnyanik Senior Group competition, 2008-2009.
- V. Pranav of Class X from AECS, Mysore is selected for fifth prize in the Seventh Council of Scientific & Industrial Research (CSIR) Diamond Jubilee Invention Award for School Children -2008. CSIR is the Premier Industrial R&D organization in India. It initiated Invention Awards for school children to create awareness, interest and motivation for Intellectual Property amongst children. He was guided by Shri Narahari Rao, TGT (Biology) and is invited to Delhi to receive the award on 26th September, 2009 – the CSIR Foundation Day.
- Nitesh Singh of XI B, AEJC, Mumbai bagged a silver medal and helped Indian team to finish at the third position among all the assembled countries in the 13th International Astronomy Olympiad held at TRIESTE, Italy in the month of October, 2008.
- Shaik Neha Bareen of AECS-6, Mumbai won the second prize in the Art Festival conducted as a part of the Homi Bhabha Birth Centenary Commemoration at TIFR on 18th January 2009. She received a cash award of Rs.2000/-. Kaustubh Sarkar of AECS-6, Mumbai won the consolation prize in the Art Festival conducted as a part of the Homi Bhabha Birth Centenary Commemoration at TIFR on 18th January 2009. He received a cash award of Rs.1500/-.

2. ACADEMIC ACTIVITIES

2.1 Enrichment Programme (in collaboration with the HBCSE)

The enrichment programme organized every year in collaboration with HBCSE for the bright students of Class XI (science) was held at AECS-1, Tarapur from 22nd to 26th December, 2008. Sixty-one students of Class XI (science) selected from various AEJC/AEC schools participated in this programme. M. Swathi from AECS-2, Kalpakkam won the 1st prize in the Science Quiz conducted during the 11th Enrichment Programme in Science and Mathematics and R.Aswini, from AECS-2, Kalpakkam won the 2nd prize.

2.2 AEES JSO/JMO (in collaboration with the HBCSE)

The tenth AEES Junior Science and Mathematics Olympiad was held at Mumbai from 2nd to 11th May 2009. 57 students of Class IX along with 16 mentor teachers participated in the programme. In the Junior Science and Mathematics Olympiad Tests conducted on 09.05.09, the following were awarded medals and prizes.

Top scorers in the Tenth AEES Junior Science Olympiad - 2009

Sr. No.	Medal	Winner's Name	School	Centre
1.	Gold	Sagar Verma	AECS-1	Hyderabad
2.	Silver	G. Roshan Lal	AECS-3	Mumbai
3.	Bronze	Himangi Saraogi	AECS-4	Mumbai

Top scorers in the AEES Junior Mathematics Olympiad - 2009

Sr. No.	Medal	Winner's Name	School	Centre
1.	Gold	G. Roshan Lal	AECS-3	Mumbai
2.	Silver	Sagar Verma	AECS-1	Hyderabad
3.	Bronze	Manisha Mandal	AECS-2	Mumbai

2.3 Science Exhibition

AEES has been recognized as a separate entity by NCERT to participate at the **Jawaharlal Nehru National Science Exhibition**, an annual event. Projects from AEC schools are selected at AEES level for JNNSE. The All India AEES Science, Mathematics, Teaching aids and Social Science Exhibition was held at AECS, Manuguru in August, 2008.

Ten exhibits (one each from AECS-1, Hyderabad, AECS-2, Mumbai, AECS-2, Rawatbhata, AECS-1, Kalpakkam, AECS, Manuguru of Junior category and one each from AECS, Narora, AECS-1, Tarapur, AECS-2, Kalpakkam, AEJC, Mumbai and AECS-1, Jaduguda of Senior category) of science were selected at AEES level and forwarded to NCERT. One exhibit from AECS-1, Jaduguda was selected by NCERT for the 35th JNNSE – 2008 held at Solan, Himachal Pradesh in November, 2008.

3. TALENT NURTURE PROGRAMME

The Talent Nurture Programme (TNP) was launched in June 1999 for the benefit of the bright children belonging to socially and economically disadvantaged tribal communities, including rural children residing in the vicinity of AEC Schools. In the beginning, the children were admitted in different classes (I, II or III) depending on their merit and age. From 2002 onwards, the children are selected for admission in Class I under this programme.

11 centres of the AEES provide education to children admitted under the TNP. At present there are 1055 children getting free education. These students also receive a monthly scholarship, medical facilities, school uniforms, books and notebooks.

Soon after their admission, special coaching is arranged for the TNP students during the summer vacation to enable them to cope with the regular curriculum. Extra coaching classes are arranged after school hours during the academic session.

4. CENTRALIZED EVALUATION

In addition to the introduction of common question papers for the common annual examination to all students of AEES spread all over the country, the centralized evaluation of the answer scripts has been introduced for bringing uniformity in the evaluation system. The answer scripts of the common annual examination-2009 of Classes I to VIII of all AEC Schools were evaluated at 15 centres viz, Mumbai, Tarapur, Kakrapar, Rawatbhata, Indore, Narora, Narwapahar, Oscom, Hyderabad, Manuguru,

Mysore, Kalpakkam, Kudankulam, Kaiga and Jaduguda from 13-04-2009 to 18-04-2009. Teachers from all the AEC Schools were involved in the evaluation process. The tabulation work was carried out simultaneously and the results complete in all respects, were dispatched to the respective schools on 21-04-09. Approximately 46,290 answer scripts of primary classes and 50,877 answer scripts of secondary classes (VI to VIII) were evaluated.

5. WORKSHOPS, SEMINARS & ORIENTATION PROGRAMMES

The following Orientation programmes were organized for AEES staff of different categories with a purpose to empower the teachers to plan and execute the various classroom activities to be used for better evaluation. These programmes equip the teachers to handle the differently abled students effectively and guide them to perform better.

Sr. No.	Venue	Subject	Category	Duration
1	AECS-3, Tarapur (for all schools)	Hindi	PRTs	03.05.09 – 07.05.09
2	AECS, Indore (for North Zone - Narora, Indore, Rawatbhata, Kakrapar)	English / Maths / EVS	PRTs	03.05.09 – 07.05.09
3	AECS-1, Hyderabad (for East Zone – Jaduguda, Narwapahar, Turamdih, Oscm, Hyderabad, Manuguru)	English / Maths / EVS	PRTs	03.05.09 – 07.05.09
4	AECS-1, Mumbai (for West Zone – Mumbai, Tarapur, Kaiga)	English / Maths / EVS	PRTs	03.05.09 – 07.05.09
5	AECS, Mysore (for South Zone – Kalpakkam, Kudankulam, Mysore, Anupuram)	English / Maths / EVS	PRTs	03.05.09 – 07.05.09
6	AEJC, Mumbai	Commerce & Economics	PGTs	03.05.09 – 07.05.09

Mr. Steve Fryeburg, Director of Dayton International Peace Museum, Ohio, USA reflected a thought-provoking lecture on **‘International Peace’** in AEJC, Mumbai on the 10th of December, 2008. His mission was to promote peace and brotherhood. Secretary, AEES Dr Ashok Kumar had initiated the programme on behalf of ‘Lion’s Club’ Deonar.

An interactive session on the topic **‘Intellectual Property Right’** was held in AEJC, Mumbai on the 15th of January, 2009. Mr B. B. Singh was the Chief Resource Person. The Chairman, AEES and the Chairman, LMC also witnessed the programme.

6. NON-ACADEMIC ACTIVITIES – Sports, NCC and Art

6.1 Sports

When the curtains fell on the XXIX Beijing Olympics 2008, here in Anushaktinagar, Mumbai, Dr. S.K Kulshreshtha, Chairman of Atomic Energy Education Society, flagged off a 4 km Walkathon for the students of AEES at 8 AM on 24th of August, 2008 to instill and imbibe in them good qualities of sportsmanship and patriotism. The Chairman himself explained the purpose and the spirit behind this Walkathon.

The spirit behind the Walkathon was to give a message of progress attained so far and what is aspired in the future to fetch more medals for India. The Walkathon was coordinated by the Principal Mr. A.K.Hazra, and was joined by all the Principals, Physical Education Teachers and the students selected on the basis of their merits in sports related activities from the six schools and the junior college of Anushaktinagar, Mumbai.

The students of the 30 schools of AEES located at different centers of the Department of Atomic Energy, spread all over the country, have proved their worth not only in academics but also in the field of sports and culture. It is the regular feature of these schools/colleges to conduct the Annual Zonal Meets for all 30 schools which compete among themselves, thus unearthing their talents and nurturing their potentials. Some of the alumni have become legends and a source of inspiration to the younger students. The students of AEC Schools have flexed their muscles, shown their mettle and nerve in the national and international arena in many sports and also in curricular and co-curricular activities. The proud alumni hold key positions in various sports at the national and international levels.

As a regular phenomenon, selection trials for different sports are conducted at the beginning of every academic year and advanced coaching is offered to the students with the aid of qualified and quality coaches from the state, after normal school hours. Students are trained at equestrian sports, adventure sports such as rock climbing and rappelling, trekking and parasailing. With the infra structure available in the vicinity of

the sprawling Anushaktinagar colony, the students make full use of the available facilities with the support and cooperation of DAE Sports and Cultural Council.

The AEES schools have achieved significant mile stones in its pursuit for excellence in academics as well as non academic areas such as sports, NCC, Scouts and Guides and the fine arts. Students of AEES have consistently performed well in the district and state sport council meetings and have represented at the state and national level for a number of sports. The passion for sports and games is so overwhelming among the students that it is evident from the positions they have attained and their deep sense of involvement in sports and adventure activities and there is no doubt that they have the caliber to broaden their horizons further, in the coming days.

Currently significant efforts are being made to teach Yoga and meditation to all the students of Atomic Energy Central Schools and Junior college at Mumbai. This will help in de-stressing them during their examination time. This has been a positive step in bringing about a holistic approach towards education and also healthy living among the students.

- Miss K. Kayalshree, of AECS-2, Kalpakkam participated in CBSE National Athletic Meet.
- Master Ashwin J. of AECS, Mysore, participated in the 22nd National Chess Championship.
- U/19 girls' team from AECSs Mumbai participated in the CBSE National Level Kho-Kho Tournament.
- Master Wasim Shaikh of AECS-1, Tarapur participated in National Level Athletic Meet, organized by School Games Federation.
- Miss. Priyali Saxena of AECS-3, Rawatbhata participated in National Sports Festival in swimming.
- Master Gaurav K Bhaskar of AECS, Narwapahar participated in National Level Table Tennis Tournament, organized by School Games Federation.

State and District Level

Sr. No.	School	Level	Tournament	No./ Category	Achievement
1	AEJC, Mumbai	District	Basketball	U/19 girls	Runners up
		District	Athletics	3 students	Won 3 prizes
		District	Swimming	1 student	Won 3 prizes
		Division		1 student	Won 1 prize
		State		1 student	Participation
2	AECS-1, Mumbai	District	Badminton	U/14 girls	Runners up

3	AECS-2, Mumbai	District	Table Tennis	U/14 girls	3 rd Position
				U/17 girls	3 rd Position
4	AECS-4, Mumbai	District	Badminton	U/14 girls	Runners up
		Inter District	Basketball	U/17 girls	Participation
		CBSE Cluster	Kho-Kho	One student	Winners
5	AECS-5, Mumbai	District	Kho-Kho	U/17 girls	Winners
		CBSE Cluster	Kho-Kho	U/19 girls	Winners
6	AECS-1, Tarapur	State	Athletics	1 student	Won 1 st prize
7	AECS-1, Kalpakkam	Cluster level	Volleyball	U/19Girls	Runners up
8	AECS-2, Kalpakkam	Inter District	Table Tennis	U/14 girls	3 rd position
				U/17 girls	3 rd position
		District	Badminton	U/19 girls	Runners up
		District	Athletics	5 students	Won 5 prizes
		Division		6 students	Won 3 prizes
		CBSE Cluster	Athletics	U/14 girls	3 prizes
9	AECS, Mysore	District	Chess	1 boy	1 st Position
		All India Open Tournament	Chess	1 boy	2 nd Position
		State	Chess	1 boy	1 st Position
		District	Cricket	1 boy	Representation
10	AECS-2, Rawatbhata	District	Table Tennis	U/14 boys	Winners
		State		U/14 boys	Participation
		District	Badminton	U/14 boys	Winners
		State		Participation	
		District	Athletics	3 Students	Won 3 prizes
		State		3 Students	Participation
11	AECS-3, Rawatbhata	State	Swimming	1 Student	Won 3 prizes
12	AECS-4, Rawatbhata	District	Athletics	13 Students	Won 21 prizes
		State			Participation
		District	Badminton	U/14 boys	2 nd Position
		State			Participation
		District	Basketball	U/14 girls	2 nd Position
		State			Participation
District	Basketball	U/14 boys	3 rd Position		

13	AECS, Kudankulam	District	Table Tennis	U/17 boy	Winner
		District	Athletics	1 student	1 st position
		Division		1 student	1 st position
		State		1 student	Participation
14	AECS, Manuguru	Inter District	Table Tennis	U/17 boys	Participation
15	AECS, Mysore	District	Chess	1 student	Winner
16	AECS, Indore	District	Volleyball	U/17 girls	Winners
				U/17 boys	Winners
				U/17 boys	Participation
		State		U/17 girls	Participation

6.2 NCC

School	Achievement
AECS-2, Rawatbhata	<p>The school secured 1st prize in line area cleaning and 2nd prize in drill at ATC, Kota.</p> <p>Master Yogesh Singh was awarded Sahara Scholarship of Rs.6000.00</p> <p>Master Deep Shivam Gautam attended NIC at Ajmer. He secured 1st prize in Solo Dance Competition.</p> <p>Miss Priyanshi Sharma won 2 silver medals in Solo Dancing and Shooting during NCC Camp held at Alwer.</p>
AECS-3, Mumbai	Miss Simran Dhaliwal of Class IX was adjudged “Best Cadet” in 5 Maharashtra Girls Battalion and awarded a cash prize of Rs. 2000.00
AECS-4, Mumbai	Miss Nimita Dubey, Miss Misbha Momin and Miss Shruti Bhandarkar were awarded cash prize of Rs.6000.00 each under Sahara Scholarship.
AECS-5, Mumbai	Master Pratik Raul of Class IX, won 1 st Prize in Short Range firing with 0.22 mm Rifle.
AECS-2, Tarapur	Miss Aditi Mishra won a medal in G K Competition held during Annual Training Camp.

AECS-Anupuram	Master K Guruvenkatesan, Miss C. Niveda and Miss A Nishanthini were selected as the best cadets of the year.
AECS-1, Hyderabad	Miss Vedasree attended NCC Thal Sainik Camp upto level 6. Miss Aparna secured Junior Under Officer Rank in NCC "B" certificate. She won prizes in KOKO, Volleyball, Group Dance and Best Turnout. She also participated in TSC camp and IUC competition and won prizes in Best Drill and Best Dance Group Competitions.
AECS-Narora	Miss Roopal Bansal and Miss Bhavna Sharma of Class X, were awarded Sahara scholarship of Rs.6000.00 each.
AECS-3, Rawatbhata	Miss Laxmi Gurjar of Rajasthan Girls BN, represented her NCC Directorate at the Annual NCC Republic Day Camp and the Prime Minister's Rally.
AECS-4, Rawatbhata	Master Kush Jain, Master Yogesh Singh, Miss Ekashmi Rathore, Master Navneet Chaudhary, Master Nitin Sharma and Master Vinay Bapna were awarded scholarship of Rs.6000.00 each. Miss Rashika Soni was selected as the Best Cadet of Kota Group and was awarded scholarship of Rs.3000.00. Three cadets were selected for Pre-RD II level Camp. The troop secured first position in Cultural Competition and Shooting at the ATC. 30 cadets participated at the NIC. Two cadets participated in the Pre-RD first camp. The troop secured first place in Cultural Competition at the CATC.

6.3 Art

In the Grade Examination of Directorate of Art, Maharashtra State Board, 208 students from AEC schools of Mumbai and Tarapur have passed the elementary level and 114 students have passed the intermediate level.

6.3.1 AEES Art Competition

The All India AEC Schools Art Competition – 2008 was held at AECS-1, Hyderabad. The results are as follows.

Groups	Class	Name of the student	Centre/school	Position
A	Pre-prep & prep	Gowri A	AECS-4, Mumbai	I
		Devashree Thakur	AECS-4, Mumbai	II
		Areeba Sumayya	AECS, Manuguru	III
		Sreyas	AECS-2, Hyderabad	Consolation
		Jay Dhodi	AECS-2, Tarapur	Consolation
		Joydev Nayak	AECS, Narwapahar	Discretion of Jury members
B	1 & 2	Sreelakshmi	AECS, Indore	I
		Shivam	AECS-1, Mumbai	II
		Ajay Kisku	AECS, Narwapahar	III
		A Raziya Begum	AECS, Kudankulam	Consolation
C	3 & 4	R. Priyanka	AECS, Mysore	I
		L. Sai Deepika	AECS-1, Hyderabad	II
		V. R. Ashwani	AECS, Mysore	III
		Urvi Negi	AECS-1, Jaduguda	Consolation
		Kratika Chathurvedi	AECS-4, Rawatbhata	Jury's choice
D	5 & 6	Ishita	AECS, Indore	I
		Sakshi Sinha	AECS-2, Rawatbhata	II
		Saurabh Lal	AECS-2, Hyderabad	III
		K. Puja Rao	AECS-2, Hyderabad	Consolation
		Rashmi Kumari	AECS-2, Hyderabad	Jury's choice
E	7 & 8	Sakshi Dhiman	AECS-2, Rawatbhata	I
		A. Mamatha	AECS-1, Hyderabad	II
		P. Sai Varsha	AECS-1, Hyderabad	III
		Aditi Varshney	AECS, Narora	Consolation
		Srusti Priyadarshini	AECS, Manuguru	Consolation
		Lokesh Kumar	AECS-2, Rawatbhata	Jury's choice
F	9 & 10	Anamika Sharma	AECS, Indore	I
		Dhowal Patange	AECS-1, Mumbai	II
		M. H. M. Phanisree	AECS-1, Hyderabad	III
		M. Kavin Prabhu	AECS-1, Kalpakkam	Consolation
		S. Hari Bhaskar	AECS-1, Kalpakkam	Jury's choice
G	11 & 12	Neethu Maria Jose	AECS, Indore	I
		Aparajitha Sahoo	AEJC, Mumbai	II
		Swarnitha	AECS, Manuguru	III
		D. Sukanya Rao	AECS, Kaiga	Consolation
		Nisha Singh	AECS, Narora	Consolation
		Shruthi G Kulkarni	AECS, Kaiga	Jury's choice

7. LIBRARY ENRICHMENT PROGRAMME

The Library Enrichment Programme has been de-centralised and the schools have been entrusted with the responsibility of selecting and purchasing books to enrich their individual libraries from the PUVVN funds available with them. At present classroom libraries are functioning in almost all the schools.

8. NEW INITIATIVES BY AEES

ASTER

Through Satellite and IT- Enabled Education (SITE), a major component of the ASTER project, AEES seeks to harness the tremendous potential of the multimedia to enhance the quality of education through e-learning. Starting with a studio and Hub in Mumbai, all the AEC schools are connected through satellite so as to have both non-interactive and interactive network. AEES has been allotted a separate bandwidth in the extended C-band by the Indian Space Research Organization (ISRO) which has a dedicated satellite in the field of education and ISRO is providing the technical support for satellite connectivity. AEES has procured the Hub and Satellite Interactive Terminals (SITs) from M/s Hughes Communication India Ltd, an ISRO-approved vendor. Multimedia rooms are set up at every school.

ASTER studio

The functionality of the ASTER studio and the connectivity to all the centres was established and initially tested on 25-09-2008. Chairman, AEES and Secretary, AEES interacted with the heads of the schools through SITs. A two-day workshop was conducted successfully in two spells for the teachers of AEC Schools all over India to familiarize them regarding the operations of SITs. In the two-day sessions, on the first day teachers got acquainted with theory and on the second day there was a practical training in the studio on handling of camera, lighting and other techniques. This was followed by a question and answer session with the experts. Dr. Anil Kakodkar, Chairman, AEC interacted with some of the AEC Schools on 11th June, 2009 from the ASTER studio.

At present, lectures are being transmitted through ASTER and the DVDs of the lectures of the teachers of AEES are being developed for the students of Classes IX and XI. In addition to the above, DVDs of National Geographic, Discovery Channel and other CDs of educational relevance are being relayed during morning hours.

Total Proficiency in Satellite and I.T. Enabled Education for School Teachers

In the Total Proficiency in Satellite and I.T. Enabled Education for School Teachers conducted in collaboration with IGNOU, at Kochi from 16-12-2007 to 30-12-2008, thirty eight batches of the staff of AEES numbering 1432 have received training to use information technology to support classroom teaching and create awareness about the Satellite and IT-Enabled Education Programme. This programme was launched by Dr. A. P. J. Abdul Kalam on December 11, 2007 at Anushaktinagar, Mumbai. The entire faculty and employees of AEES have been taught the processes, applications and handling of equipment that are used in Satellite and ICT-enabled Education access, create and communicate information through text, sound and images.

E-education

E-learning provides improved performance, increased access (to attend courses across physical, political and economic boundaries) and convenience and flexibility to learners. In this connection, many premier institutes like K-Yan, NIIT, Educom, Extramarks, Educomp Solutions, Edurite etc.were invited to make a presentation on delivery of learning, technology aided learning and creation of learning content through audio-visual media for transmission under AEES, ASTER project. They also demonstrated a wide range of tailored Audio Visual solutions and services from the design stage to the final installation and commissioning of the system in AEC Schools and junior colleges across the country.

Gandhi Jayanti celebrations

Gandhi Jayanti was celebrated on 2nd October, 2008 at Open Air Stage, New Community Centre, Anushaktinagar, Mumbai. Honourable Smt Kamala Kakodkar, a staunch believer in Gandhian Philosophy graced the occasion. Shri S. A. Bharadwaj, Director (Technical), NPCIL was the Chief Guest. Students from AEC Schools and Junior college, Mumbai presented skit, street plays based on the life and teachings of Gandhiji.

Annual Day Celebrations

Annual Day was celebrated in all schools with pomp and pride and a cornucopia of various cultural activities followed by prize distribution. Prizes were distributed to the winners of various competitions such as essay-writing, story telling, rangoli, singing, dance, drama, debate, elocution, recitation, drawing, poetry writing, etc. The students were guided by their able and enthusiastic house-masters in all the co-curricular activities.

The National Conference on Perspectives in School Education (NCPSE)

The National Conference on Perspectives in School Education (NCPSE) organized by AEES, was inaugurated on 11th June, 2009 at Central Office, Anushaktinagar by Dr. Anil

Kakodkar, Chairman, AEC & Secretary, DAE, Govt. of India. The high achievers in the field of academics of Classes X & XII and those who got selected for IIT/JEE were felicitated and honoured by Dr. Anil Kakodkar in the inaugural function. Dr. Anil Kakodkar, Chairman, AEC & Secretary, DAE, Govt. of India also released the book, 'Atomic Energy Education Society....a glorious saga since 1969' which depicts forty years of accomplishments of AEES.

Besides practicing teachers, Principals and representatives of AEES schools and colleges, the Conference was attended by eminent educationists and academicians involved in educational research and policy planning. The valedictory function on the 14th of June marked the end of the four-day conference. Shri A. P. Joshi, Additional Secretary, DAE was the Chief Guest who presided over the function.

Faculty Improvement Programme

AEES launched the Faculty Improvement Programme under the XI Plan to foster the professional development of its staff members through on-going training programmes. As a part of the Faculty Improvement Programme, all the Principals and Vice-Principals (I/c) attended the Project management Programme at the ATI, V S Bhavan, Anushaktinagar, Mumbai from 29-12-2008 to 02-01-2009.

A training programme for AEES employees was arranged on 23-12-2008 and 24-12-2008 on 'Recruitment Rules, Promotion and Reservation Policy' at ATI, V S Bhavan, Anushaktinagar.

MS in Educational System Management through BITS, Pilani

19 selected staff of AEES including two Principals, one Vice-Principal I/c and several teachers have taken admission for the two years off campus programme leading to a Masters Degree in Educational Systems Management started for the AECS staff in collaboration with BITS, Pilani. The first batch of nineteen candidates has completed a three-week contact programme held at the BITS, Pilani campus and have appeared for their First Semester Examination in September, 2008 and Second Semester Examination on 4th and 5th of April, 2009. The selected staff, including Principals, Vice-Principals and teachers, participated in the contact programme for the III Semester. As a part of the programme, tests were conducted for each of the four courses.

UKIERI

UK – India Education and Research Initiative (UKIERI) organized a workshop on ICT in education at the British Council in New Delhi in April, 2008 which was attended by two principals. Seven Principals and three Vice-Principals (I/c) from Mumbai and Manuguru clusters visited UK during the 2nd week of November, 2008 for sharing and developing ideas for projects, for consultations on working as a cluster of schools and using innovative Information and Communication Technology (ICT) to enhance international project work.

As per this initiative, four teachers from Silver Hill School and Village Primary School, Derbyshire UK have visited Atomic Energy Central Schools, Mumbai from July 6 to 10, 2009. They have interacted with students of primary classes, taught some topics, and conducted activities integrating learning with fun. It was a great opportunity for the teachers from UK and students and teachers of AEC Schools to interact with each other through satellite interactive terminals installed at each of the schools. Students were curious to know about the school system in UK and asked many questions related to syllabus, co-curricular activities, subject clubs etc. The teachers from UK felt that the system in Indian schools is stronger in terms of achieving learning outcomes. A similar visit by teachers from Mumbai schools to Derby is scheduled in October, 2009.

Student Exchange Programme

The student exchange programme is an effort to reach out to students of other schools all over the world to facilitate a healthy exchange of ideas and cultures in a conducive atmosphere which will ultimately help in promoting peace, unity and better understanding amongst the torch bearers of tomorrow. AEES has tied-up with Global India Foundation which runs international schools at Singapore, Vietnam, Japan, New Zealand and Thailand. 23 students of Class XI from various AEJCs visited the Global International School, Singapore as a part of the student exchange programme for a week during February, 2008. The students were escorted by Shri. Madan Rao, Principal, AECS-1, Mumbai, Smt. Nilima Srivastava from AECS, Anupuram and Shri. Kothandan from AECS, Jaduguda. Dr. S. K. Kulshreshtha, Chairman, AEES accompanied the contingent.

Science Parks

To create and sustain the interest of students in science, AEES planned to set up Science Parks in all the AEC schools in a phased manner. The first Science Park has been set up at AECS-2, Hyderabad. The process of setting up another science park at AECS, Kaiga has been initiated. The Science Park will enable the students to operate the installed gadgets and learn the principles of science practically with better understanding.

Introduction of new textbooks

It has been decided to follow NCERT textbooks from Class I to Class VIII for all subjects from the academic year 2009-2010. CBSE textbooks will be followed for Classes IX and X.

9. INFRASTRUCTURE

The following proposals have been approved during the year.

1	Construction of additional floor in AECS-6, Mumbai
2	Sound proofing and air conditioning of an existing room in AECS, Mysore
3	Upgradation of illumination, ventilation & electrification of the school - AECS, Anupuram
4	Modification & alteration of classrooms, offices & laboratories in AECS-2, Rawatbhata
5	Construction of additional classrooms, WC & Passage AECS - 4, Rawatbhata
6	Covering roof for main entrance, internal & external painting, Renovation of various rooms, boundary wall with gate, resting place for children, replacing doors/shutters & providing split Air Conditioner AECS - Kaiga
7	Escalation amount over and above the earlier deposit of Rs 52.39 lakhs for renovation works of AECS, Manuguru
8	Escalation cost, AECS, Anupuram
9	Escalation cost, AECS, Kalpakkam
10	Escalation amount to AECS-3, Rawatbhata
11	Replacement of Fans and electrical works in AECS-1, Hyderabad
12	Expansion of AECS-4, Mumbai construction estimate for expansion
13	Renovation of AECS, Kudankulam
14	Additional toilet blocks for AECS-Anupuram
15	Various development works Hydrant, pipe line & Terracing for AECS-6, Mumbai
16	Renovation works for AECS, Narora
17	Renovation of SIT room at Oscom
18	Renovation works at AECS-Turamdih
19	Civil & Electric Work of ASTER Cottage
20	Additional Stair case for AECS-3, Tarapur
21	Skating Rink at AECS, Indore
22	Skating Rink at AECS, Oscom
23	Basketball Court at AECS, Jaduguda
24	Basketball and Volleyball courts at AECS, Turamdih
25	Basketball, Volleyball, 200M track and Compound wall at AECS-1, Hyderabad
26	Volleyball courts and Skating Rink at AECS, Narora

10. OUTREACH TO OTHER SCHOOLS

The broad vision of AEES has made it a committed supporter of special schools and rehabilitation centres for the differently abled. AEES provides financial assistance by sanctioning grant- in aid of Rs.7.50 lakhs to Sausheelya (Society for Care, Treatment and Training of Mentally Handicapped Children) at Anushaktinagar, Rs.3.25 lakhs to MEHATVA at Kalpakkam and Rs.80, 000 to the special school run at AECS, Indore which cater to the needs of mentally challenged children.

AEES is also focusing on 'Community Schooling' and is providing materialistic help to the underprivileged students of neighbouring schools.

Workshop on Health Awareness

As it is said, 'Health is the second blessing man can have, but a blessing that money can't buy.' Keeping this in mind, a workshop on Health Awareness was organized by AEES in collaboration with the eminent doctors of BARC Hospital on 8th November, 2008. The highlights of the programme were sessions on Health & Nutrition, Yoga for Better Health, Ageing Gracefully, Garbage Management and Lifestyle-related Diseases. The workshop brought about awareness on health related issues.

11. AEES ANNUAL PRINCIPALS' CONFERENCE

The AEES Annual Principal's Conference was held from 15th to 17th, December, 2008 at Hyderabad. Vice-principals with independent charge also attended the conference. Dr S. K. Kulshreshtha, Chairman, AEES while addressing the Principals as the custodians of the educational system, impressed upon the gathering the tough competitions created by the influx of foreign universities that are posing a challenge to our education as well as cultural standards. Therefore, it is of paramount duty of our educational institutions to stand up to such challenges. The PowerPoint Presentation by Dr S. K. Kulshreshtha, was a well detailed document that can be embarked upon in order to create a lively atmosphere in all our educational institutions. It dealt with topics like – Innovation in education, e-learning, Rights and needs of the children in terms of education and other necessities, Role of ICT in the present scenario of education, Early childcare developmental education and Holistic education. The deliberations and discussions that had taken place in the conference would definitely generate challenging action plans to achieve the cherished goals of AEES to provide quality education to the students.

12. ROLLING TROPHY

The Atomic Energy Education Society has instituted the Dr. Homi Bhabha 'Rolling Trophy' for the best AEC School and the best Junior college/Sr.secondary school for proficiency in academics and Dr. Vikram Sarabhai 'Rolling Trophy' for the most progressive school and junior college in an academic year. The following AEC Schools and Junior colleges won trophies for their outstanding performance in the year 2007 – 2008.

Dr. Homi Bhabha Rolling Trophy

AECS, Manuguru – Best overall performance in the academic year 2007-2008
AEJC, Mumbai -- Best overall performance in the academic year 2007-2008

Dr. Vikram Sarabhai Rolling Trophy

AECS - 1, Tarapur – Most progressive junior college of the AEES
AECS - 2, Tarapur – Most progressive school of the AEES

13. AWARDS & STAFF ACHIEVEMENTS

The national award to teachers for the year 2008-09 has been conferred on one staff member of AEES – Smt Mallika Goswami, PGT (Senior Scale) in Chemistry, AEJC, Mumbai.

14. INSPECTION OF SCHOOLS

The inspection of all the AEC Schools and Junior colleges was done by a team comprising Principals and Vice-Principals of AEC Schools and Principals of neighbouring schools.

15. UPGRADATION OF AEC SCHOOLS

Three of our schools, AECS - 4, Mumbai, AECS-3, Tarapur and AECS, Mysore have been granted permission by the CBSE to start Class XI from the academic year 2009-10. AECS, Turamdih had applied for affiliation.

15. ACKNOWLEDGEMENT

AEES is thankful to the Department of Atomic Energy and all its constituent units for their support in administering the schools at 15 different places. The guidance provided by the governing council in formulating new plans for improving the standards of our schools is gratefully acknowledged. AEES also thanks the members of the Local Managing Committee (LMC) and School Advisory Committee (SAC) of every school for their guidance and support. AEES is grateful to the Homi Bhabha Centre for Science Education for helping in the conduct of the enrichment programmes for the teachers and students. AEES also thanks the DAE Sports and Cultural Council for organizing sports coaching camps for the students.

AEES puts on record its gratitude to all the organizations and individuals for instituting scholarships and awards for academic proficiency and overall excellence.

ATOMIC ENERGY EDUCATION SOCIETY
Anushaktinagar, Mumbai 400 094

Pass Percentage and Excellence Index (Class X) 2007-2009

Sr. No.	Name of Centre	Year	No. Appeared	No. passed	Pass %	Excellence Index	Remarks	
							C	F
1	AECS-1, Mumbai	2009	112	111	99.11	83.92	1	0
		2008	89	89	100.00	94.40	0	0
		2007	91	91	100.00	81.52	0	0
2	AECS-2, Mumbai	2009	111	110	99.10	92.79	0	1
		2008	114	114	100.00	92.10	0	0
		2007	121	120	99.20	89.26	1	0
3	AECS-3, Mumbai	2009	108	106	98.15	82.40	2	0
		2008	111	111	100.00	81.08	0	0
		2007	114	114	100.00	86.84	0	0
4	AECS-4, Mumbai	2009	73	73	100.00	97.26	0	0
		2008	70	69	98.57	94.28	1	0
		2007	56	55	98.20	89.29	1	0
5	AECS-5, Mumbai	2009	58	58	100.00	82.75	0	0
		2008	54	54	100.00	88.90	0	0
		2007	71	71	100.00	80.28	0	0
6	AECS-1, Tarapur	2009	51	51	100.00	78.43	0	0
		2008	52	52	100.00	73.08	0	0
		2007	46	46	100.00	74.47	0	0
7	AECS-2, Tarapur	2009	58	58	100.00	93.10	0	0
		2008	62	62	100.00	90.30	0	0
		2007	76	76	100.00	93.42	0	0
8	AECS-3, Tarapur	2009	43	43	100.00	72.09	0	0
		2008	61	60	98.36	75.41	1	0
		2007	38	38	100.00	78.95	0	0
9	AECS-2, Rawatbhata	2009	102	102	100.00	80.39	0	0
		2008	79	79	100.00	87.34	0	0
		2007	68	68	100.00	82.35	0	0
10	AECS-3, Rawatbhata	2009	58	46	79.31	34.48	12	0
		2008	57	48	84.21	31.58	8	1
		2007	80	68	85.00	31.71	12	0

Sr. No.	Name of Centre	Year	No. Appeared	No. passed	Pass %	Excellence Index	Remarks	
							C	F
11	AECS-4, Rawatbhata	2009	102	101	99.02	79.41	1	0
		2008	109	108	99.08	83.49	1	0
		2007	113	113	100.00	84.07	0	0
12	AECS-1, Narora	2009	95	95	100.00	86.32	0	0
		2008	110	110	100.00	83.63	0	0
		2007	110	110	100.00	84.55	0	0
13	AECS-1, Hyderabad	2009	53	53	100.00	83.02	0	0
		2008	70	69	98.57	78.50	1	0
		2007	64	64	100.00	68.75	0	0
14	AECS-2, Hyderabad	2009	89	89	100.00	83.15	0	0
		2008	87	87	100.00	74.70	0	0
		2007	110	104	94.50	55.86	6	0
15	AECS-1, Kalpakkam	2009	59	59	100.00	74.58	0	0
		2008	60	60	100.00	81.67	0	0
		2007	51	51	100.00	84.62	0	0
16	AECS-2, Kalpakkam	2009	55	55	100.00	92.73	0	0
		2008	51	51	100.00	90.19	0	0
		2007	68	68	100.00	91.18	0	0
17	AECS, Anupuram	2009	41	41	100.00	87.80	0	0
		2008	40	40	100.00	85.00	0	0
		2007	31	31	100.00	87.10	0	0
18	AECS-1, Jaduguda	2009	87	87	100.00	86.20	0	0
		2008	92	89	96.74	69.70	2	1
		2007	117	116	99.10	56.78	1	0
19	AECS-2, Jaduguda	2009	30	29	96.67	66.67	1	0
		2008	43	42	97.67	39.54	1	0
		2007	48	48	100.00	27.08	0	0
20	AECS-EM, Narwapahar	2009	56	56	100.00	82.14	0	0
		2008	44	44	100.00	86.36	0	0
		2007	34	34	100.00	91.43	0	0
21	AECS-HM, Narwapahar	2009	18	18	100.00	66.66	0	0
		2008	20	20	100.00	80.00	0	0
		2007	19	19	100.00	68.42	0	0

Sr. No.	Name of Centre	Year	No. Appeared	No. passed	Pass %	Excellence Index	Remarks	
							C	F
22	AECS, Oscom	2009	24	24	100.00	87.50	0	0
		2008	22	22	100.00	72.70	0	0
		2007	32	32	100.00	87.50	0	0
23	AECS, Kakrapar	2009	104	102	98.07	71.15	2	0
		2008	77	76	98.70	75.32	1	0
		2007	91	90	98.90	79.12	1	0
24	AECS, Indore	2009	80	80	100.00	88.75	0	0
		2008	87	85	97.70	83.90	2	0
		2007	61	61	100.00	73.77	0	0
25	AECS, Manuguru	2009	95	95	100.00	93.68	0	0
		2008	84	84	100.00	88.09	0	0
		2007	116	116	100.00	84.48	0	0
26	AECS, Kaiga	2009	81	81	100.00	93.83	0	0
		2008	63	63	100.00	88.89	0	0
		2007	62	62	100.00	82.26	0	0
27	AECS, Mysore	2009	69	69	100.00	98.55	0	0
		2008	43	43	100.00	97.67	0	0
		2007	44	44	100.00	100.00	0	0
28	AECS, Kudankulam	2009	19	19	100.00	89.47	0	0
		2008	21	21	100.00	90.48	0	0
		2007	17	17	100.00	88.24	0	0
OVER ALL		2009	1931	1911	98.96	83.53	19	1
		2008	1872	1852	98.93	81.04	18	2
		2007	1949	1927	98.87	77.21	22	0

ATOMIC ENERGY EDUCATION SOCIETY
Anushaktinagar, Mumbai 400 094

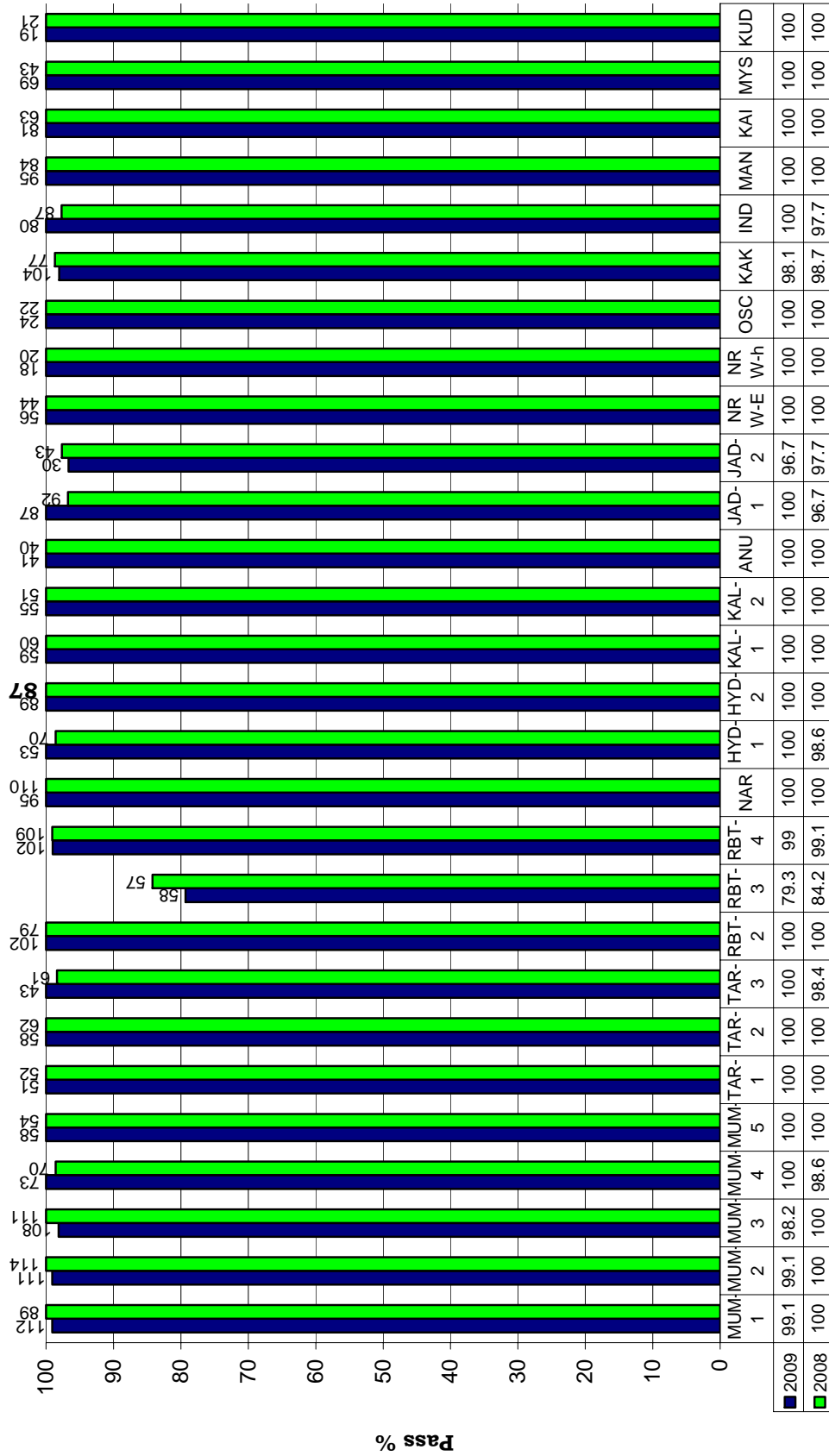
Pass Percentage and Excellence Index
(Class XII) 2007-2009

Sr. No.	Name of Centre	Year	No. Appeared	No. passed	Pass %	Excellence Index	Remarks	
							Failed	Comp.
1	AEJC, Mumbai	2009	525	510	97.14	70.10	15	0
		2008	524	522	99.62	82.63	2	0
		2007	440	429	97.50	76.36	11	0
2	AECS-1, Tarapur	2009	143	140	97.90	66.43	3	0
		2008	163	163	100.00	88.34	0	0
		2007	154	154	100.00	82.47	0	0
3	AECS-3, Rawatbhata	2009	42	34	80.95	28.57	2	6
		2008	32	23	71.88	28.13	3	6
		2007	42	32	76.20	16.70	1	9
4	AECS-4, Rawatbhata	2009	186	156	83.87	70.97	14	16
		2008	189	153	80.95	61.90	13	23
		2007	179	143	79.90	68.20	14	22
5	AECS, Narora	2009	99	92	92.92	74.74	2	5
		2008	106	98	92.45	66.98	1	7
		2007	76	73	96.05	75.00	0	3
6	AECS-2, Kalpakkam	2009	223	214	95.96	86.55	0	9
		2008	178	173	97.20	84.83	0	5
		2007	206	192	93.20	84.50	14	0
7	AECS-1, Jaduguda	2009	142	111	78.16	61.97	31	0
		2008	110	91	82.72	61.81	2	17
		2007	104	96	92.30	66.34	1	7
8	AECS-2, Jaduguda	2009	22	21	95.45	81.82	0	1
		2008	20	17	85.00	55.00	0	3
		2007	27	22	81.48	51.90	0	5

Sr. No.	Name of Centre	Year	No. Appeared	No. passed	Pass %	Excellence Index	Remarks	
							Failed	Comp.
9	AECS, Kakrapar	2009	78	73	93.59	73.08	1	4
		2008	62	51	82.25	67.30	4	7
		2007	64	55	85.90	59.40	6	3
10	AECS, Indore	2009	41	40	97.56	73.17	1	0
		2008	56	54	96.42	92.86	0	2
		2007	57	53	92.98	73.70	1	3
11	AECS, Manuguru	2009	28	24	85.71	82.14	4	0
		2008	18	15	83.33	77.77	3	0
		2007	28	27	96.43	92.86	1	0
12	AECS, Kaiga	2009	48	47	97.91	87.50	0	1
		2008	39	39	100.00	94.87	0	0
		2007	29	29	100.00	89.66	0	0
13	AECS-1, Hyderabad	2009	104	70	67.30	61.53	34	0
		2008	85	72	84.70	76.47	13	0
		2007	118	108	91.53	83.90	10	0
14	AECS, Kudankulam	2009	6	6	100.00	83.33	0	0
		2008	10	10	100.00	100.00	0	0
15	*AECS, Oscom	2009	29	15	51.72	37.93	7	7
OVERALL		2009	1716	1553	90.50	70.63	114	49
		2008	1592	1481	93.03	76.88	41	70
		2007	1524	1413	92.72	74.40	59	52

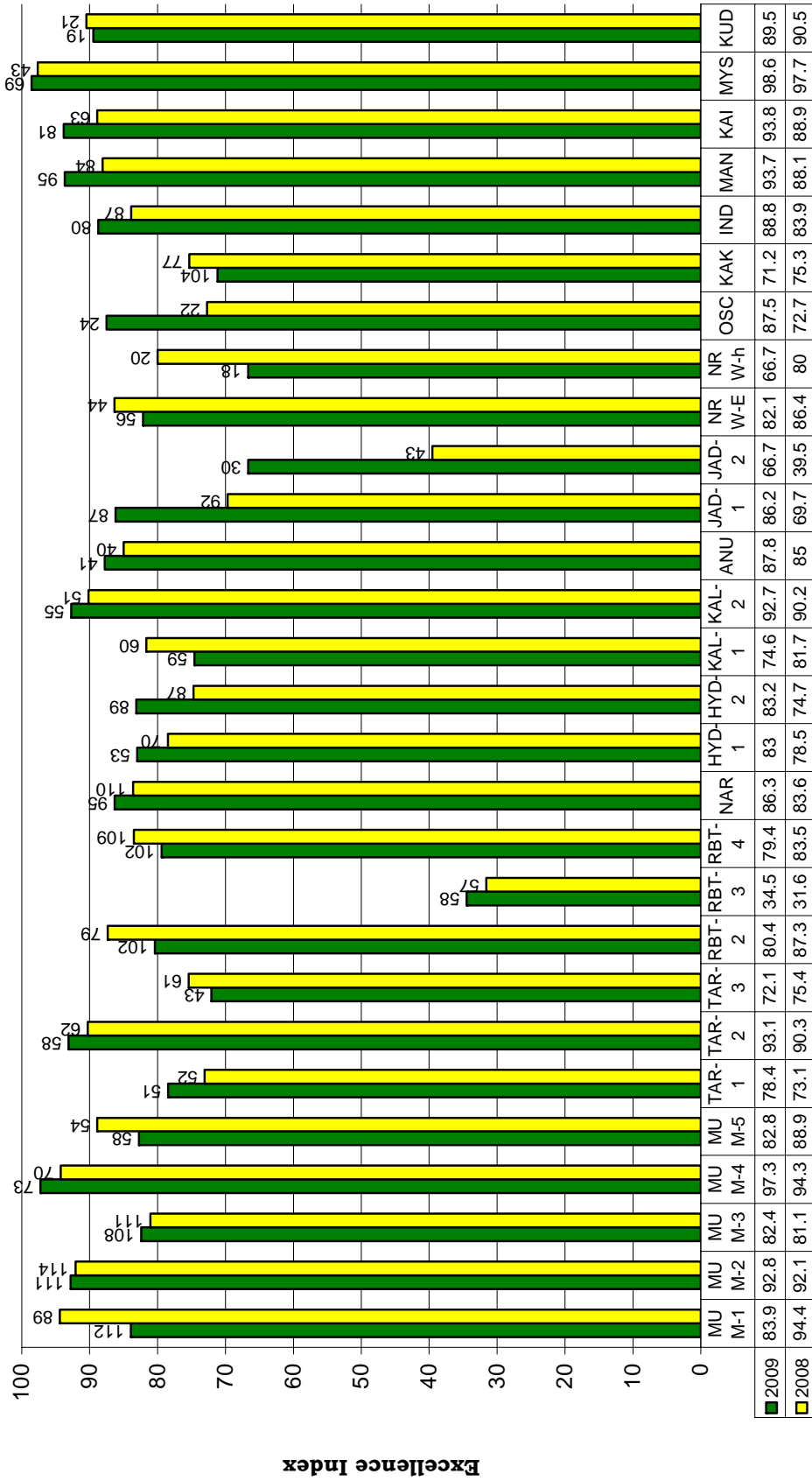
***Note: First batch of Class XII from AECS, Oscom**

Pass Percentage of Class X for the year 2008 and 2009



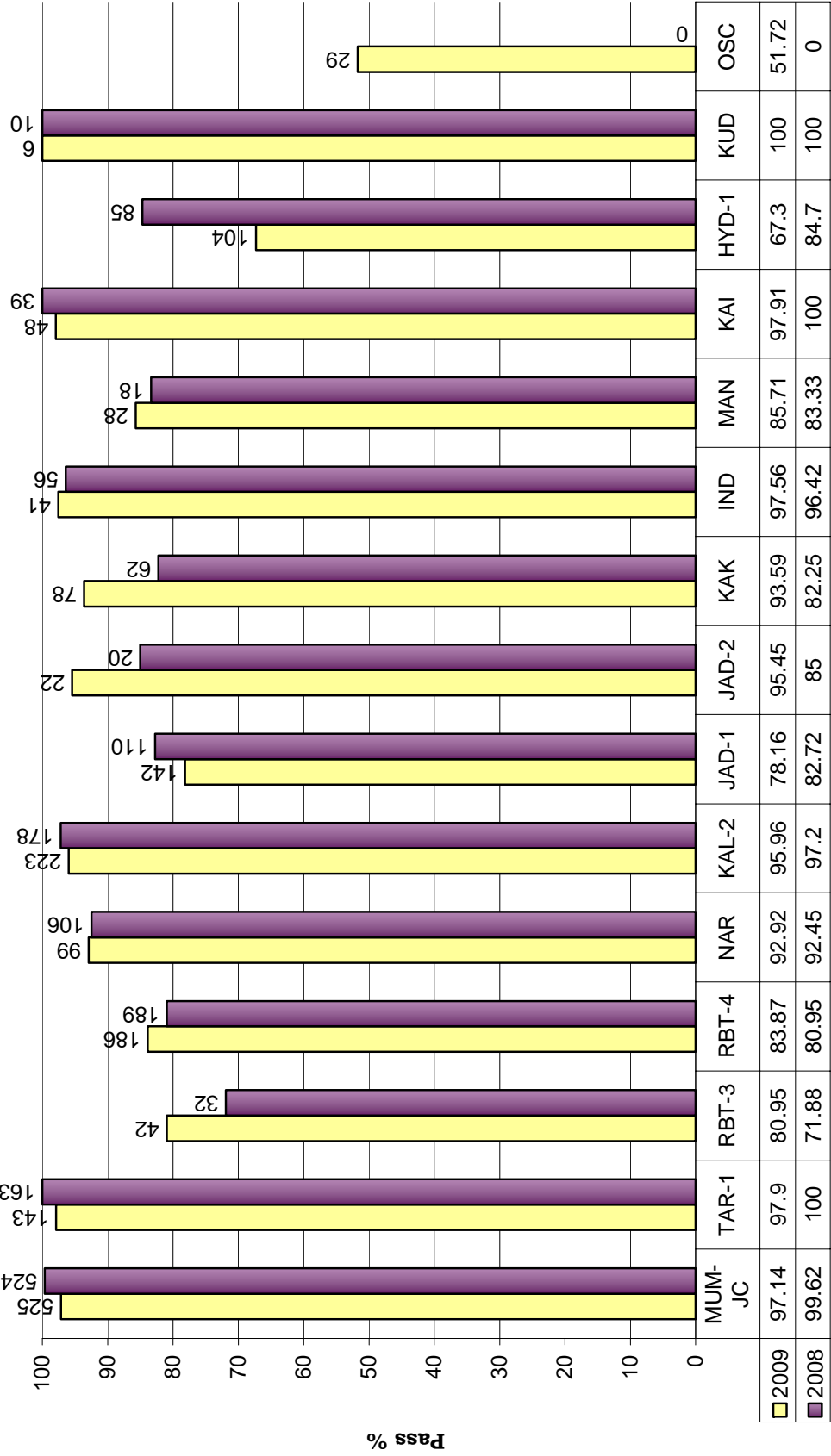
Note : Figure mentioned on top of each bar indicates the number of students appeared in the examination

Excellence Index of Class X for the year 2008 and 2009



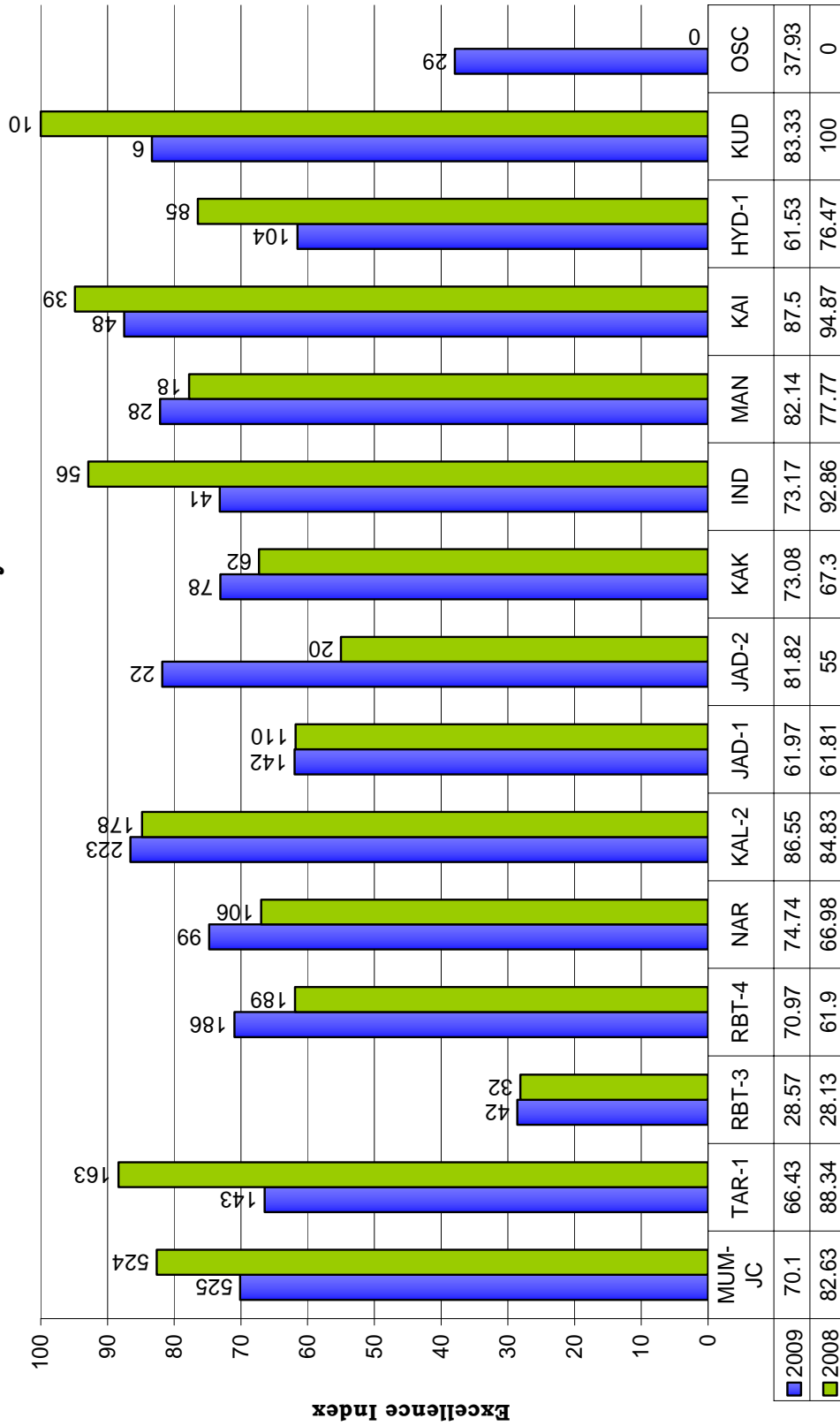
Note : Figure mentioned on top of each bar indicates the number of students appeared in the examination

Pass Percentage of Class XII for the year 2008 and 2009



Note : Figure mentioned on top of each bar indicates the number of students appeared in the examination

Excellence Index of Class XII for the year 2008 and 2009



Note : Figure mentioned on top of each bar indicates the number of students appeared in the examination