

BIRLA COLLEGE वृत्तांत

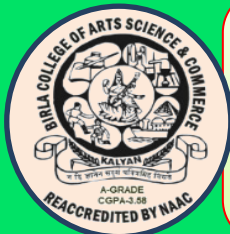
#BirlaCollegeNewsletter

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Birla College, Kalyan

'PRAVAH' flows energy among students in science festival

The vibrant atmosphere was witnessed amongst Birla College students on account of ***Pravah- An Intercollegiate Science Festival***. The collegians were stimulated with scientific interest in science related competitions. The fest, inaugurated by the ***Chief Guest Padma Vibhushan Dr. Anil Kakodkar***, Ex- Chairman of Atomic Energy Commission of India, Ex- Director BARC, Trombay and Chairman Rajiv Gandhi Science and Technology Commission Government of Maharashtra, was organized in consortium with Department of Biotechnology, Government of India, on 5th and 6th December. The theme for the fest was ***Energy- Present and Future***. During inaugural program Dr. Kakkodkar highlighted the impact of education, energy and ethics on socio-economic growth of country.

He further said that, “only education with ethics will help our country to withstand the huge global competency. It is the need of hour to invest in unconventional energy sources such as nuclear energy or solar energy to cater the need of increasing energy demand”.

Prior to this, pre-pravah event was organized. Workshop on life in space was organized jointly by the Department of Physics and Microbiology where 50 students participated. Body Mass Index (BMI) and Anemia Detection camp was arranged by Department of Microbiology and Zoology in which 400 students took charge. Save Energy Rally was conducted by all science departments which had a participation of 250 students.

Altogether 14 competitions were organized. Students had various competitions of quiz, PPT presentation, debate, sketching and model making which helped them to shape over-all personality. Many more competitions like Knock the Brain, Project your Ideas, InstaPoster, Scrap Art, Bio-Detective, Shape-It-Up, Reverse Keyboard, Scizzle Science Puzzle, Take-A-Shot, Ease-It Essay, Memory At A Glance, Cooking Without Heating were conducted.

The event displayed innovative science models in exhibition held. Nutraceuticals and Ayurvedic Products and its Ingredients (Botany), Microbial Paintings (Microbiology), Digitronics (Physics), Fun in Maths (Mathematics), Ornamental Fish Rearing (Zoology), Video Presentation (IT), Green Computing (Computer Science), Bio-Composting (EVS), and Rasayanika (Bio-Anal) were to name a few.

The program was graced by Shri O. R. Chitlange, Business Head Century Rayon and MD Century Enka Ltd, Chairman Governing Council of Birla School and Birla College, Shri Subodh Dave, Joint President, Century Rayon during inauguration. The dignitaries encouraged students for innovative projects and larger participation.

Over all 800 students participated in various competitions in which 260 participants were from 28 different colleges such as Ruia College, Matunga; S.I.E.S. College Wadala; K.J. Somaiya College, Vidyavihar; Khalasa College, Matunga; Jai Hind College, Churchgate; Rizvi College, Bandra; C.H.M College, Ulhasnagar; D. Y. Patil College of Engineering, Vashi; Government Poly Technic, Thane; K. M. Agarwal College, Kalyan; Saket College, Kalyan; Mutha College, Kalyan; RKT College, Ulhasnagar; Dyansadhana College, Thane; RJ College, Ghatkopar; K. B. Patil College, Thane; Acharya College, Chembur; Husna Abdul Malik College, Kalyan.

The grand event was a successful which helped the students to develop there organizing and management skills. This activity stimulated innovative thinking and also boosted students' interpersonal relationship and gave them a training of working in a team.



Students energized for Pravah

To solve math problems, you need to know the basic mathematics before you can start applying it.

- Catherino Asaro.

'Fun in Maths' organized to learn practical application

Department of Mathematics organised *Fun in Maths* an *Inter-Collegiate Science Exhibition* on 6th December 2017 to broaden the horizon of Maths in practical application. The event was conducted in Badminton Court which began at 9:00 am. 69 students from different colleges of Ulhasnagar, Thane, Ghatkopar, Vashi and Kalyan participated actively.

A competition of the same was conducted in which 37 groups of students joined in with innovative and creative ideas. The areas focused were *Elliptic Curve in Cryptography, Magic Square, Trigonometry Ratio Indicator, Basics of Geometry, Geometrical Shapes by Magnet, Monty Hall Problem, Mystery of Fibonacci Numbers, Rubik's Cube, Jyotish Shashtra, Pythagoras Theorem, Use of Math's in Video Making.*

Dr. Revathy Sundararajan, Don Bosco Institute of Technology, Vidhyavihar and Ms. Asha Chugh, CHM College, Ulhasnagar were invited as panel of judges for the competition. **Birla College students, Shaikh Tooba (FY B.Sc.) and Sourabh Verma (FY B.Sc.) bagged second position in the competition.**

The program was inaugurated by Dr. Naresh Chandra, Principal, Birla College, Dr. Jossy Varghese, Vice Principal, Dr. Geeta Unnikrishnan, Coordinator, IQAC and DBT Star College, Dr. Madhavi Thakurdesai, Coordinator, Pravah, Mr. Prakash Sansare, Incharge, Department of Mathematics. Shri Subodh Dave, Joint President (P&A), Century Rayon also graced the occasion by his presence. Around 280 students and 20 teachers from nearby schools showed interest in practical learning. The event was successfully coordinated by Prof. Krishna Ghode, Department of Mathematics.



Shri Subodh Dave, Joint President (P&A), Century Rayon and Vice chairman, Birla College Governing council and Principal Dr. Naresh Chandra appreciating students during 'Fun in Maths'

It is the tension between creativity and skepticism that has produced the stunning and unexpected findings of science.

- Carl Sagan

Rediscovering the forgotten through 'Sketch the Great'

A great deal of creativity is required to make scientific breakthroughs, and art is just as often an expression of scientific knowledge. Albert Einstein, Louis Pasteur, Robert Koch, Robert Hill, Dr. A. P. J. Abdul Kalam, Thomas Edison to name a few scientist were sketched on account of **Sketch The Great** competition. This competition is a part of Pravah intercollegiate festival which is organised by the Department of Bio-Analytical Sciences. This competition is conducted to rediscover the forgotten scientists. On 5th December 2017, to create an interest and awareness about the renowned scientist in the field of Science and recollect their contribution for research. Competition had active participation of the students from different colleges like Sonawane College, Kalyan; Agarwal College, Kalyan; C. H. M College, Ulhasnagar; S.I.E.S College, Nerul; Ruia College, Matunga were to name a few. The Judge for the event was Dr. Vinod Narayane from Department of Zoology. The winners were awarded a cash prize of Rs. 2000/- . The activity was co-ordinated under the guidance of Dr. Sonali Patil, Incharge of Bio-Analytical Sciences.



Students involved in sketching



“Leadership is unlocking people’s potential to become better”

-Bill Bradley

IAS Dighavkar emphasises on Leadership skills

Department of Management Studies organized special sessions on “Leadership Skills” on 16th December from 09:30am to 11:00am in New Seminar Hall. **Dr. Pratap Ramchandra Dighavkar**, Additional Commissioner of Police, Thane City was invited as lecturer to articulate the views on leadership skills.

IAS Dighavkar, a personality who is farmer by passion and police by profession had an immense will to serve his motherland. He studied for UPSC Examination while working in farms.

Lecture on “Leadership Skills” was very enriching and inspiring. Skills which are required for true leader like professional knowledge, decision making power, moral courage to understand right and wrong for society, loyalty for organization, passion, leadership personality like history maker, history teller, history leader, team work, and many more, lecture have left an indelible mark on the minds of students

Lecture on “Skill India- The need of Hour” was also very enriching and inspiring. The Areas highlighted like education and training, skills development, manpower for 2022, re-engineering the eco system, global partnership, logistics and transport, training and development required in private and public sectors. Lectures gave positive approach in mind of students.

All the faculty members and students have greatly enjoyed these sessions. In future also we request such association with our institution by having more enrichment sessions.

More than 200 students were present for each session.



“Our identity in the world must change from Scam India to Skill India”

-Narendra Modi

IAS Ravindran opionates on “Skill India- The Need of Hour”

Department of Management Studies organized special sessions on the topics “Skill India- The Need of Hour” on 16/12/2017 at 09:30am to 11:00am in New Seminar Hall, **Shri E. Ravendiran**, IAS Commissioner, Directorate of Skill Development, Employment and Entrepreneurship

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We shall be pleased to invite such speakers again and again.



