



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Composition of Science Association

Sr. No.	Name of Faculty	Qualification	Designation and Department
1.	Mr. Ganesh S. Sathe (Chairman)	M.Sc.(Microbiology), NET,SET,ICAR- NET, GATE, MU-PET, BANRF	Assistant Professor (Microbiology)
2.	Mrs. Samidha D. Chandvekar (Member)	M.C.A ,UGC NET and MH- SET	Assistant Professor (Information Technology)
3.	Dr. Anuprita D. Watharkar (Member)	M.Sc.(Biotechnology) Ph.D. (Biotechnology)	Assistant Professor (Biotechnology)
4.	Mrs. Nilima R.Gharat (Member)	M.Sc.(Maths) B.Ed. and MH- SET	Assistant Professor (Mathematics)
5.	Ms. Shruti. R. Hiremath (Member)	M.Sc.(Zoology),SET	Assistant Professor (Zoology)
6.	Ms. Anuja Singh (Member)	M.Sc. Chemistry, IIT JAM, GATE. Ph.D. Chemistry	Assistant Professor (Chemistry)
7.	Ms. Shweta V. Humbarwadi (Member)	M.Sc. (Microbiology), MH- SET	Assistant Professor (Microbiology)
8.	Ms. Rashmi Prabha (Member)	M.C. A UGC NET and MH- SET	Assistant Professor (Computer Science)
9.	Ms. Rupali D. Nanekar (Member)	M.Sc.(Biotechnology)	Assistant Professor (Biotechnology)
10.	Mr. Rahul N. Patil (Member)	M.Sc.(Analytical Chemistry)	Assistant Professor (Chemistry)
11.	Ms. Bertilla Fernandes (Member)	M.C.A.	Assistant Professor (Computer Science)
12.	Mrs. Pooja S. Dandge (Member)	M.C.A.	Assistant Professor (Information Technology)
13.	Ms. Prajakata M. Mhatre (Member)	M.Sc. Physics (Material Science)	Assistant Professor (Physics)



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Report of Activities of Science Association 2023-2024

Inauguration of Science Association was organised on Saturday, 22nd August 2023 at 10:00 am by respected **Dr. Rupendra S. Jadhav**, Head, Department of Microbiology, The Institute of Science, Mumbai. They delivered a Guest Lecture on the topic, “**Prevention is better than Cure**”. Objective of these lectures was to introduce that Prevention is always a better and wiser technique to avoid diseases and other problems of health which require proper cure. **180** learners attended the guest lecture. As per the guidelines of Government of Maharashtra, from the academic year 2023-2024 Autonomous college implemented National Education Policy-2020. On the occasion of Inauguration of science association posters on NEP-2020 were exhibited by all the learners of our college.

On 20th December 2023, a Scientific Poster and Model Competition was held to provide a platform for PG and UG students of science faculty to showcase their innovative presentation skill through posters and model. A panel of expert judges evaluated the posters and models based on criteria such as scientific merit, innovation, clarity of presentation, and potential impact. Awards of winners were also announced to the outstanding poster as well as models. Total 94 posters and 27 models were presented by both UG and PG learners of science faculty.



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Inauguration of Science Association on 22nd August 2023

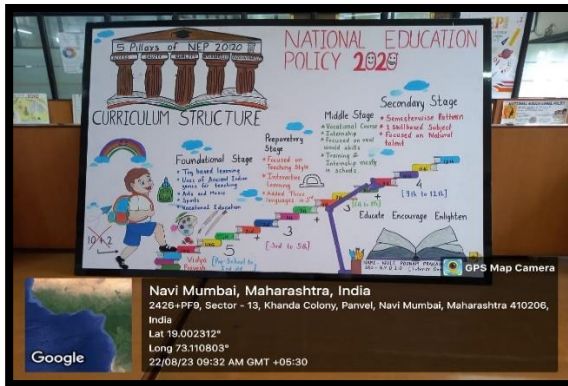


Navi Mumbai, Maharashtra, India
2426+4W6, Ckt College Rd, Sector 11, Khanda Colony, Panvel, Navi Mumbai, Maharashtra 410206, India
Lat 19.000229°
Long 73.112147°
22/08/23 11:03 AM GMT +05:30

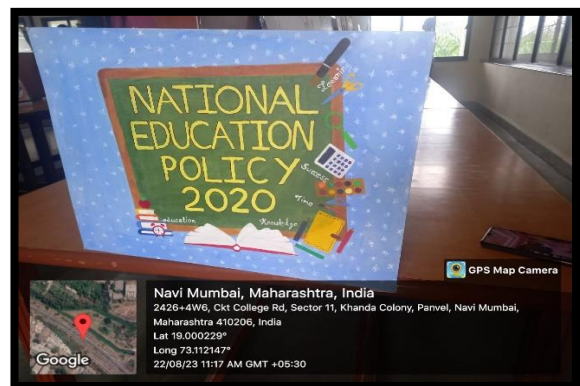


Navi Mumbai, Maharashtra, India
2426+4W6, Ckt College Rd, Sector 11, Khanda Colony, Panvel, Navi Mumbai, Maharashtra 410206, India
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Poster exhibition on NEP-2020 by both UG and PG Learners of college on 22nd August 2023



Navi Mumbai, Maharashtra, India
2426+PF9, Sector - 13, Khanda Colony, Panvel, Navi Mumbai, Maharashtra 410206, India
Lat 19.002312°
Long 73.110803°
22/08/23 09:32 AM GMT +05:30



Navi Mumbai, Maharashtra, India
2426+4W6, Ckt College Rd, Sector 11, Khanda Colony, Panvel, Navi Mumbai, Maharashtra 410206, India
Lat 19.000229°
Long 73.112147°
22/08/23 11:17 AM GMT +05:30



Navi Mumbai, Maharashtra, India
2427+P32, Sector 11, Khanda Colony, Panvel, Navi Mumbai, Maharashtra 410206, India
Lat 19.00198°
Long 73.112699°
20/12/23 12:26 PM GMT +05:30



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Logo Design Competition for **“White Pollution –Plastic”** served as a platform to harness creativity and artistic expression in addressing environmental challenges. By engaging designers and artists in advocating for sustainable solutions, the competition contributed to the broader mission of combating plastic pollution and fostering a culture of environmental stewardship. Moving forward, the winning logo will continue to serve as a symbol of awareness and empowerment, inspiring individuals and communities to take meaningful steps towards a cleaner and healthier planet.

Logo design competition was inaugurated by famous psychologist and member of Andhshradha Nirmlan Samiti, Maharashtra Dr. Hamid Dabholkar. Total 157 learners were participated in above said activity.

National Science Day 2024 was celebrated with fervour and enthusiasm, highlighting the importance of scientific innovation, environmental stewardship, and educational engagement. A series of activities were organized to promote scientific awareness, inspire curiosity, and foster a culture of sustainability among college learners and science enthusiasts.

Poster and Model Competition on 3-R (Reduce, Reuse, Recycle):-

College learners participated in a Poster and Model Competition around the principles of 3-R: Reduce, Reuse, and Recycle. Through creative displays and innovative designs, participants showcased their commitment to environmental conservation and sustainable practices, encouraging others to adopt responsible behaviours towards waste management.

Science Hurdle Competition for Science Learners:-

The Science Hurdle Competition provided a platform for science learners to test their knowledge, problem-solving skills, and scientific acumen in a challenging and engaging environment. Participants tackled scientific puzzles, experiments, and quizzes, fostering critical thinking and scientific inquiry while promoting camaraderie and healthy competition among peers.

Open Mike:-

The Open Mike session offered a stage for budding scientists, researchers, and science enthusiasts to share their ideas, discoveries, and experiences through spoken word, poetry, storytelling, or presentations. This interactive platform encouraged participants to express their passion for science and communicate complex concepts in accessible and engaging ways, fostering communication skills and confidence.



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Scientific Quiz Competition:-

Enthusiastic participants engaged in a Scientific Quiz Competition, testing their knowledge across various scientific disciplines, including biology, chemistry, physics, and environmental science. The competition challenged participants to think critically, recall key scientific facts, and demonstrate their understanding of fundamental principles, reinforcing the importance of continuous learning and intellectual curiosity.

Treasure Hunt:-

A thrilling Treasure Hunt led participants on an exciting journey of exploration and discovery, combining elements of adventure, problem-solving, and scientific exploration. Participants solved clues, deciphered puzzles, and navigated through designated locations, promoting teamwork, strategy, and lateral thinking while uncovering hidden treasures and learning about scientific landmarks and achievements.

Publication of Science Herald:-

The celebration culminated in the publication of the Science Herald, a compilation of articles, research insights, and editorials showcasing the latest advancements, breakthroughs, and innovations in science and technology. The Science Herald served as a testament to the power of knowledge sharing and collaboration, inspiring readers to explore the frontiers of science and embrace the spirit of inquiry and discovery.



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Winners of LOGO design competition-2023-2024





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Science Association (2022-23)

In the academic year 2022-23 Science Association has organised various learners' centric activities. It's great to see the Science Association organizing a diverse range of activities to engage and promote the development of science learners. These initiatives contribute significantly to the overall growth and skill enhancement of participants.

Inauguration of Science Association marks the beginning of the academic year's activities, fostering a sense of community among science learners. **Inauguration of Science Association** was organised on Saturday, 20th August 2022 at 10:00 am by respected **Dr. Prabodh Chobe**, Former Chief Mentor, Innovation Hub, Nehru Science Centre, Mumbai. They delivered Guest Lecture on the topic, "**Innovation in Science and its use.**" Objective of this lectures was to introduce about the innovation found around us and to think out of the box. Total 180 learners were attended the guest lecture. Scientific Poster Competition enhances communication and presentation skills while promoting research and creativity. Scientific Model Competition encourages hands-on learning, teamwork, and the application of theoretical knowledge to practical problems. Scientific Poster and Model competition was also organized by on the same day. Total 71 posters and models were exhibited.

Celebration of National Youth Day recognizing and celebrating the role of young minds in the field of science, fostering inspiration and motivation. To motivate students with the great thoughts of Swami Vivekananda, Science Association celebrated National Youth Day in association with Internal Quality Assurance Cell & Taluka Legal Service

Association on 12th January 2023 at 10:00a.m. **Shri A. M. Mujawar**, Jt.Court of Civil Judge, Senior Division, Panvel and his team delivered excellent lecture on the topic "**Swami Vivekananda.**" Total 168 learners were attended the guest lecture.



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Scientific Logo Designing Competition promotes creativity and graphic design skills among science learners. Total 66 learners were participated in above said activity. Scientific Quiz Competition tests and expands participants' knowledge, encouraging healthy competition. Treasure Hunt enhances problem-solving skills and teamwork in a fun and engaging way. Open Mike provides a platform for science enthusiasts to express their thoughts, ideas, and findings. Publication of Science Herald offers a channel for students to showcase their research and writing skills, fostering a culture of scientific communication.

Celebration of National Science Day commemorates the discovery of The Raman effect by Indian physicist Sir C. V. Raman in 28 February 1930. **National Science Day** was celebrated on 27-28 February 2023 from 10:00 am onwards. Respected **Dr. Ranjan Garge**, Former Principal, Government college of Arts and Science College, Aurangabad delivered guest on **How does Immune system work?** Open mike and Treasure hunt competition was also organized. Felicitation of Winners on National Science Day acknowledges and rewards the efforts and achievements of science learners, motivating them to excel further.

The overwhelming participation indicates a strong interest and engagement from science learners. These activities collectively contribute to the holistic development of students by not only focusing on academic knowledge but also on practical skills, creativity, and critical thinking. Such initiatives play a crucial role in preparing the next generation of scientists and innovators.



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Glimpses of Activities



Inauguration of Science Association on 20th August 2022



Scientific Model and Scientific Poster Competition of UG and PG Science Learners on 20th August 2022



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Guest Lecture on the topic, "Innovation in Science and its use" on 20th August 2022



Publication of Science Herald onto the occasion of National Youth Day on 12th January 2023



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Felicitation of Learners onto the occasion of Celebration of National Science Day on 28th February 2023



Guest Lecture onto the Celebration of National Science Day on 28th February 2023



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SCIENCE ASSOCIATION

Academic Year- 2021-22

ACTIVITIES ORGANIZED

1. **Inauguration of Science Association** was organised on 29th November 2021. On the occasion of the inauguration; Webinar delivered by Professor, Dr. Varsha Kelkar Mane, Head of Department, Biotechnology, University of Mumbai on the topic "Women who Changed the Face of Science". This webinar aims to shed some light on women who discovered innovation.
2. Science Association conducted **Poster and Model Competition** on 21st December 2021. 19 learners participated from Life Sciences and Physical Sciences in Competition.
3. **Competition for My Innovative Idea** took place on 16th January 2022. A total of 30 learners participated.
4. **National Science Day Logo Designing Competition** held on 28th February 2022 and a total of 20 learners participated.
5. The Science Association celebrated "**National Science Day**" on 28th February 2022. Prize distribution and a guest lecture were held on National Science Day. Prizes were distributed in the presence of **Professor Dr. S.K. Patil. Dr. Prabodh Chobe, ex-senior general manager and head of BASF's R & D centre**, gave a guest lecture on "Fairy tale-like future innovations".
6. The Science Association published the Science Herald for the academic year 2021-22 on National Science Day.



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Academic Year- 2020-21

ACTIVITIES ORGANIZED

1. **Inauguration of Science Association** was organised on 26th March 2021 by organising webinar on “**Cyber Security**” by **Prof. Swapna A. Nikale**, Assistant Professor, Department of Computer Science, B.K.Birla College Kalyan (Certified Ethical Hacker , (CEH), EC Council USA). Objective of webinar is to shed some light on the securing information in the digital era and create awareness among the students about cyber security. 290 learners participated in webinar. They got guidance about how to use security policies while using digital technology.
2. Science Association conducted **Essay Writing Competition** on “Global impact of Corona” for expressing learners' thoughts, knowledge of language and awareness of current situation. Total 20 learners were participated in Competition. And first three essays were published in science herald.
3. Science Association published Science Herald for Academic year 2020-21.



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SCIENCE ASSOCIATION Academic Year- 2019-20

ACTIVITIES ORGANIZED

- 1. Inauguration of Science Association** was organised on 14/09/2019 by auspicious hand of **Hon. Dr. Vikas V. Shinde** (Professor, Department of Mechanical Engineering, Director, Center of Excellence in Project Based Learning (PBL) Vishwaniketan College, Khalapur). He delivered the Guest Lecture on "Project based Learning". In inaugural function Science herald was released which contains the activities, achievements and the articles of Science Learners.
- 2. Science Association conducted Logo Designing Competition** on 14/09/2019 for expressing their scientific imaginations and ideas through logos. Total 26 students were participated in Competition.
- 3. Scientific Poster and Model Competition** was organised on 14/12/2019 to provide a platform to the learners for new concepts in science and express their presentation skill. Total 112 students were participated in Competition.
- 4. Science Association organised Prize Distribution** on 28/2/2020 on occasion of National Science Day to felicitate the learners participated in Science Association Activities.