

Shri Sharda Bhavan Education Society's
INDIRA GANDHI (SR.) COLLEGE, CIDCO,
NEW NANDED.

Report on
Science Association
(2017-18)

Submitted by
Dr. S. G. Tugaokar

Science Association Committee (Annual Report 2017 -18)

It is important to understand how much interest today's schoolchildren and students take in scientific and technical subjects and to what extent they consider undertaking scientific or technical careers. It is also generally recognised that efforts to interest young people in these areas must begin early and go beyond the classroom. In general Young people have a broadly positive attitude to science and technology in most countries. Japan is a notable exception, according to a study which shows that interest fell consistently


Studies have shown that students' attitudes to science are positively, and generally significantly, correlated with their science achievement. On the other hand, young people's understanding of science and technology appears better than that of their elders, largely owing to the rise in the level of educational attainment over time.

More specifically, an early sense of mastery of scientific or technical topics, as well as popular views about science and technology, affect how young people react to their studies in these areas. A study by the *International Association for the Evaluation of Educational Achievement* revealed that between 1970/71 and 1983/84 10-year-olds and 14-year-olds showed gains of two-thirds and one-third of a school year of science learning, respectively. Moreover, as for adults, science and technology must vie with other areas for their attention.

Indira Gandhi Sr. College has constituted several committees for overall development of the students. In the same way, the Science Association Committee also beneficial for the students for the various creativities in the field of science.

On dated 09 Aug 2017 on the occasion of Well come meet Arti Katewad and Yogesh Kale of B.Sc. III year took the charge of anchoring the event. For this event Dr. R. B. Kadam Principal is invited as chief guest and Dr. Khansole M. V, Dr. Shinde A. T and Dr. Solunke Kedar Deliverd lectures on Different Aspects to motivate the students.




Principal
Indira Gandhi Sr. College
CIDCO, NEW NANDED

Shri Sharda Bhavan Education Society's
INDIRA GANDHI (SR.) COLLEGE, CIDCO,
NEW NANDED.

Report on
Science Association
(2018-19)

Submitted by
Dr. S. G. Tugaokar

Science Association Committee (Annual Report 2018 -19)

It is important to understand how much interest today's schoolchildren and students take in scientific and technical subjects and to what extent they consider undertaking scientific or technical careers. It is also generally recognised that efforts to interest young people in these areas must begin early and go beyond the classroom. In general Young people have a broadly positive attitude to science and technology in most countries. Japan is a notable exception, according to a study which shows that interest fell consistently

Studies have shown that students' attitudes to science are positively, and generally significantly, correlated with their science achievement. On the other hand, young people's understanding of science and technology appears better than that of their elders, largely owing to the rise in the level of educational attainment over time.

Indira Gandhi Sr. College has constituted several committees for overall development of the students. In the same way, the Science Association Committee also beneficial for the students for the various creativities in the field of science.

The national science day was started celebrating all across the India as a great event in the field of Indian science. It is celebrated every year by students, teachers, scientists and researchers in all the schools, colleges, universities, educational institution including scientific, academic, medical, technical and research institutions of India. On the first celebration ceremony of the National Science Day in India, the National Council for Science and Technology Communication had declared the institution of the National Science Popularization awards in order to recognize an excellent and wonderful endeavor in the field of science communication and popularization.

To commemorate and honor Sir Chandrasekhara Venkata Raman on his “Raman Effect.” For his big invention he was honored through the various Indian awards including the Nobel Prize in the year 1930. So 28th of February was designated as a National Science Day in India by the National Council for Science and Technology Communication (NCSTC).


The following events were organised in the college in the form of Science week, on the National science day- 2019

Sr No	Events	Time	Date	Concern faculty
1.	Online quiz competition	11.00 to 11.30	11-02-2019	Dr.Kadam D.B. and Dr.Sumant G.T.
2.	Test to memories maximum number of elements on the occasion of celebration of international year of periodic table	12.00am	11-02-2019	Dr.Khansole.S.V and Dr.Kadam D.B.
3.	Poster Presentation competition (Renowned world scientist and their inventions)			Dr.Khansole.S.V and Dr Metkar R.G.
4.	Science quiz competition	12.00am	12-02-2019	Dr.Lokhande M.V.,Dr Baise U.E. and Dr.Solunke K.R.
5.	Seminar competition (science for people and people for science)	10.00am	13-02-2019	Dr.R.G.Pawle and Mrs.Rathod B.A.
6.	Science Book Exhibition	9.00 am	28-02-2019	Mr. S. B. Deshmukh

On 28-02-2019 the eminent Ayurvedic Doctor and Industrialist Dr. Kanhaya Kadam is Invited as chief guest and Principal Dr. G. N. Shinde Presided the event.

Dr. Kadam delivered the lecture on the use of Medicinal herbs and Leeches in Modern Era. He interacted with students by showing the slides of different patients and their treatment. He motivated the students to cure diseases by maintaining the balanced and fibre rich diet. In the presidential address Dr. G. N. Shinde, interacted with the students and suggested several ideas for the implementation of modern research towards the betterment of society.




Principal
Indra Gandhi Sr. College
CIDCO, NEW NANDED

Shri Sharda Bhavan Education Society's
INDIRA GANDHI (SR.) COLLEGE, CIDCO,
NEW NANDED.

Report on
Science Association
(2019-20)

Submitted by
Dr. S. G. Tugaokar

Science Association (Annual Report 2019 -20)

28th of February, 1928 was the great day in India when an invention in the field of Indian science was completed by the famous Indian physicist, Sir Chandrasekhara Venkata Raman. He was a first one in the science, who had researched such invention in India. To commemorate and honor this event always in the future, 28th of February was asked to the Indian Government to designate as a National Science Day in India by the National Council for Science and Technology Communication (NCSTC) in the year 1986.

The national science day was started celebrating all across the India as a great event in the field of Indian science. It is celebrated every year by students, teachers, scientists and researchers in all the schools, colleges, universities, educational institution including scientific, academic, medical, technical and research institutions of India. On the first celebration ceremony of the National Science Day in India, the National Council for Science and Technology Communication had declared the institution of the National Science Popularization awards in order to recognize an excellent and wonderful endeavor in the field of science communication and popularization.

Celebration of National science day in the college

To make students active participants in Science field the department of Science and Humanities conducts various events, under Science Club, on this celebration.

The major idea of the celebration is to discuss all the issues and implement new technologies for the development in the field of science and to give an opportunity to the scientifically minded citizens in the country and to encourage the people as well as popularize the Science and Technology.

Indira Gandhi Senior College celebrated the National science Day- 2020 by organizing the Essay competition, Poster presentation and Guest lecture on application of bioinformatics in drug discovery for all the students of the college. The event was organized in order to develop presentation skill of the students and collect the information of various world famous scientists.

Celebration of National Science Day

Day 1: The Dynamic Personality Dr. Rohan J Meshram, Bioinformatics Centre, Savitribai Phule Pune University, Pune Delivered Guest lecture on “Application of bioinformatics in drug discovery” was organized on 17 Feb 2020. He informed the students about the recent developments in the process of drug discovery and use of technology in the drug discovery process.

Day 2: The essay competition theme was “**Invest in women and girls in science for inclusive green growth**” The competition was organized on 25 Feb. 2020 in this completion Nine students were participated and the event was inaugurated by Hon. I/C Principal Dr. S.W. Jagtap.

Day 3: The process of poster presentation will be a valuable learning experience for the college students. The topic for poster presentation was “***Role of women in Science***” on dated 26 Feb. 2020. The total Nine students were participitated in poster presentation competition. The poster presentation competition was inaugurated by the auspicious hand of respected Dr. Shendarkar sir, Tresurer Shri Sharda Bhavan Education Society, Nanded. On this occasion students prepared and presented their poster which includes research work of world renowned Women


scientist and awardees of Padmashree during 2019. On 28-02-2020 the Eminent Personality Dr. Rajaram S. Mane, Director, Innovation Incubation and Linkages, SRTM University, Nanded is invited as Chief Guest and I/C Principal Dr. S.W. Jagtap Presided the event.

The event was inaugurated by offering flowers to the image of Dr. C. V. Raman. During the introductory speech the coordinator of the Science Association Dr. S. G. Tugaonkar, he motivated the students to take active role in the curricular and cocurricular activities for overall development.

Dr. Rajaram S. Mane in his Inaugural Speech interacted the students on the aspects of Skill development and promoted the students regarding research and innovation. In the presidential address Dr. S.W. Jagtap, interacted with the students and suggested several ideas for the implementation of modern research towards the betterment of society.

The three toppers of the events were felicitated by the dignitaries of this programme and The Prize distribution ceremony and anchoring was carried out by Gangadhar Bhosale.




Principal
Indra Gandhi Sr. College
CIDCO, NEW NANDED

Shri Sharda Bhavan Education Society's
INDIRA GANDHI (SR.) COLLEGE, CIDCO,
NEW NANDED.



Report on
Science Association
(2020-21)

Submitted by
Dr. S. G. Tugaokar

Science Association (Annual Report 2020 -21)

Science association is engaged in developing scientific temper among the students. It helps them to develop various skills and gather the knowledge regarding various developments in the field of science.

World science day

It is observed on 10 November to highlight the importance and relevance of science in our daily lives.

The day also aims to ensure that citizens are kept informed of developments in science, the role that scientists play in broadening our understanding of the remarkable, fragile planet and making our societies more sustainable.

The theme for World Science Day for Peace & Development 2020 is "**Science for and with Society**". At the time when the world is suffering from COVID-19 pandemic, the focus of the day is on "Science for and with Society in dealing with the global pandemic".

In **2001**, World Science Day for Peace and Development was proclaimed by UNESCO and has generated several concrete projects, programmes, and funding for science around the world. The rationale behind celebrating the day is to focus on the importance of the role of science and scientists for sustainable societies and the need to inform and involve citizens in science.

On **10 November 2002**, the first World Science Day for Peace and Development was celebrated under UNESCO auspices. The celebration involved several partners including governmental, intergovernmental, and non-governmental organisations, UNESCO National Commissions, scientific and research institutions, professional associations, the media, science teachers, and schools.

Celebration of World science day in the college

The World Science day in college is celebrated on 10 Nov. 2020. Dr.Narkhede R.K. Head Dept of Environmental science, Maharashtra Udaygiri College, Udigir, is the chief guest for the webinar. In his talk he expressed his views on the celebration of world science day and informed the student on various developmental reforms and precautionary steps taken by Government to tackle the Covid- 19 Pandemic. In the presidential address Hon. Principal Dr. R.P Mali, Addressed the students regarding the several safeguard aspects of Covid-19 and motivated the students to be positive in dealing the Pandemic.

The event was anchored by B.Sc. III year student GhogreRutuja and Vote of thanks was proposed by Coordinator of Science association Dr. S.G. Tugaonkar.

Celebration of National science day in the college

The major idea of the celebration is to discuss all the issues and implement new technologies for the development in the field of science and to give an

opportunity to the scientifically minded citizens in the country and to encourage the people as well as popularize the Science and Technology.

Indira Gandhi Senior College celebrated the National science Day- 2021 by organizing **Poster presentation and Seminar competition** by following all the guidelines of COVID -19. The event was organized in order to develop presentation skill of the students and collect the information of various world famous scientists.

On 28-02-2021 the Eminent Personality Dr. Gajanan B. Zore, Coordinator, Centre for Agro-Bio Innovation and incubation, SRTM University, Nanded and Dr. Prashant Wakte, Principal DSM College Parbhaniare invited as Chief Guest and Principal Dr. R.P. Mali Presided the event though Zoom Meet.

During the introductory speech the coordinator of the Science Association Dr. S. G. Tugaonkar, he motivated the students to take active role in the curricular and cocurricular activities for overall development.

Session I

Dr. Gajanan B. Zorein his Inaugural Speech interacted the students on the aspects of development and commercialization of biotechnological products and various skills of commercialization by giving various examples. He motivated students to develop skills for future India.

Session II

Dr. Prashant Wakte, focused on Science and technological developments in India as compared to Foreign countries. He motivated students to pursue skill-oriented education for the betterment of Society as well as country.

In the presidential address Dr. R.P. Mali, said Science, Technology and Innovation (STI) are the key drivers for economic growth and human development. For India to march ahead on a sustainable development pathway to include economic development, social inclusion and environmental sustainability for achieving an “Atmanirbhar Bharat”, a greater emphasis will be given on promoting traditional knowledge system, developing indigenous technologies and encouraging grass root innovation.

The names of three toppers of the events were Declared by the dignitaries of this programme and vote of thanks carried out by Mr. Gangadhar Bhosale.

Shree Sharda Bhavan Education Society's
Indira Gandhi (Sr.) College, CIDCO New Nanded.

Celebrating
WORLD SCIENCE DAY 2020
 On 10th November 2020
 10 - 11 AM

Theme
"SCIENCE FOR AND WITH SOCIETY IN DEALING WITH THE GLOBAL PANDEMIC"

President
 Prof. R. P. Mali
 Principal

Chief Guest
 Dr. R. K. Narkhede

Coordinator
 Dr. S. G. Tugaonkar

Organised by - Science Association
 Indira Gandhi (Sr.) College, CIDCO New Nanded



Dr. R. K. Narkhede Expressing his views on World Science Day



Shri Sharada Bhavan Education Society's
Indira Gandhi Sr. College CIDCO, Nanded

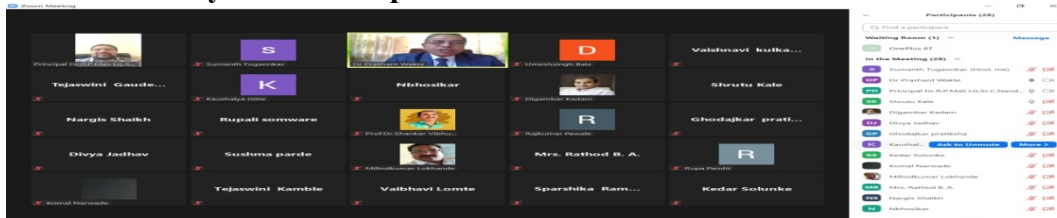
National Science Day - 2021
Future of STI: Impacts on Education, Skills and Work
Valedictory Ceremony
 Date 28 Feb. 2021: Time: 10.00 am and 10.45 am

Chief Guests and Resource Persons

<p>Dr. Gajanan B. Zore Asso. Prof., School of Life Sciences SRTM University Nanded</p> <p>Chief Organiser Prof. Rajendra P. Mali Principal, Indira Gandhi Sr. College CIDCO Nanded</p>		<p>Dr. Prashant Wakte I/C Principal DSM College, Parbhani</p> <p>Coordinator Dr. S. G. Tugaonkar Head, Dept. of Botany</p>
--	---	---

join Zoom Meeting: <https://us04web.zoom.us/j/76854548222?pwd=K09ZZDZlVzZlVWNGhEUkRvcXFRKy95Sz09>
 Meeting ID: 768 5454 8222 Password: 2sQwWRR

Presidential address by Hon. Principal Dr. R.P Mali



Shri Sharda Bhavan Education Society's

**INDIRA GANDHI (SR.) COLLEGE, CIDCO, NEW
NANDED.**



**Report on
Science Association
(2021-22)**

**Submitted by
Dr. S. G. Tugaokar**

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of progressive Independent India. Through Azadi Ka Amrit Mahotsav India is celebrating the glorious history of its people, culture and achievements. It is an embodiment of all that is progressive about India's socio-cultural, political and economic identity. The official journey of "Azadi ka Amrit Mahotsav" was started on 12th March 2021 from Sabarmati Ashram when Prime Minister, Shri Narendra Modi flagged off a 75-week long festival to commemorate 75 years of India's Independence. This started a 75-week countdown to our 75th anniversary of Independence Day and this will end post a year on 15 August 2023.

The Science association of college organizes two events each year, this year also the association organized

World Science Day

National Science Day

World Science Day

The World Science Day is celebrated on December 10 every year, this year the theme is Building Climate- Ready Communities. On this occasion the college organized four different competitions for students for the development of Scientific temper.

The inauguration of the World Science day was done by the auspicious hands of Dr. A. T. Shinde Head Dept. of Sociology, Indira Gandhi Sr. College CIDCO Nanded. On the occasion of inaugural speech Dr. Shinde motivated students to develop scientific temper and inspired them to do research on agricultural productivity. Dr. G.S. Patil Head Dept. of History and Dr. D. B. Kadam Head Dept. of Chemistry are the Examiners for the Poster presentation.

Sr. No	Events	Time	Date	Concerned faculty
1	Essay Competition	1.00 pm to 2.00 pm	08-12-2021	Mrs. Rathod B.A.
2	Poster Presentation	1.00 pm to 2.00 pm	10-12-2021	Dr. Metkar R.G. and Dr. Tugaonkar S.G.
3	Seminar competition	1.00 pm to 2.00 pm	10-12-2021	Dr. Lokhande M.V., Dr. Baise U.E. and
4	Quiz competition	Whole day	10-12-2021	Dr. Pawale R. G. and Dr.Solunke K.R.
5	Certificates			Dr. Kadam D. B

Essay Competition: It was organized on 8-12-2021, in the seminar hall. The time provided for this competition is for one hour. Eight students were participated in the event and on the basis of extent to which topic was elaborated and content covered the first three ranks are as follows

1. Giri Ganesh Balgir – B.Sc. III
2. Ghodajkar Pratiksha Madhav- B.Sc. III
3. Kawtikwar Sejal Sainath – B.Sc. II

Poster Presentation: It was Organized on 10-12-2021 in the ICT Hall. 15 Students participated in this event and presented the posters on Global warming, afforestation, Digestive system etc. first three ranks of poster presentation are as follows

1. Godbole Mayuri – B.Sc. III
2. Lomte Vaibhavi - B.Sc. III
3. Manjusha Kalyankar – B.Sc. III

Seminar Competition: It was organized on 10-12-2021 in the seminar Hall 10 students participated in the competition. There were several topics on scientific temper and first three ranks are as follows.

1. Lomte Vaibhavi - B.Sc. III
2. Ghodajkar Pratiksha Madhav- B.Sc. III
3. Narsane Disha – B.Sc. I

Quiz Competition: It was organized on 10-12-2021 and 60 students participated in the quiz and the first three ranks are as follows

1. Shital Narwade – B.Sc. I
2. Shivkanya – B.Sc. II
3. Pandit Arti – B.Sc. III



**Dr. A. T. Shinde Inaugurating
Poster Presentation**



**Poster Presentation by Kum.
Narsane Disha**



Seminar By GhodajkarPratiksha



Seminar by Godbole Mayuri

National Science Day

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir C.V. Raman on 28 February 1928. National Science Day is being celebrated every year to widely spread a message about the Importance of science used in the daily life of the people.

Indira Gandhi Senior College celebrated the National science Day- 2019 by organizing the poster competition for all the students of the college. The event was organized in order to develop presentation skill of the students and collect the information of various world-famous scientists. The process of poster presentation will be a valuable learning experience for the college students. The topic for poster presentation was ***“Integrated Approachin Science and Technology for Sustainable Development”***. The total 10 students were participated in poster presentation competition. The poster presentation competition was inaugurated by the auspicious hand of respected principal Dr R.P. Mali and Dr. R.G Metkar Head Dept of Mathematics.

On this occasion students prepared and presented their poster which includes Renewable energy resources, Afforastation, Digestive system of human, Climate change, pollution, ability of science touch and temperature.

A committee of two assistant professors was formed to judge the performance related with poster presentation skill of the students. The member of committee includes Dr D. B. Kadam, Head department of chemistry and Dr. Dr. A. T. Shinde, Head department of Sociology. They observed all the posters and judge the students performance on various points such as poster preparation style, scientific merits and subject matter on the poster and poster presentation skill of the students.

The process of poster presentation was a valuable learning experience for the college students. On the basis of performance of students first, second and third prize were given to the following students.

Sr.No	Name of student	Class	Prize
1	Vaishnavi Kulkarni	B.Sc. III year	I
2	Gitanjali More	B.Sc. III year	II
3	Kawtikwar Sejal	B.Sc. II year	III

Quiz competition: It was organized on 03-03-2022 and 92 students participated in the quiz and the first three ranks are as follows

Sr.No	Name of student	Class	Prize
1	Karan Sawle	B.Sc. III year	I
2	Jay Kalegore	B.Sc. I year	II
3	Shital Narwade	B.Sc. I year	III

Valedictory Ceremony: It was organized on 14-03-2022

During the introductory speech the coordinator of the Science Association Dr. S. G. Tugaonkar, he delivered the proceeding of World science day and National Science day.

Session I

Prof. S.P. Chavan, Director, School of Life Sciences, Swami Ramanand Teerth Marathwada University Nanded in his Speech interacted the students on the aspects of study visit of Antarctica. He said Antarctica territory is not owned by any nation. It takes at least two crore rupees. India still has no tourism system to go there. One has to go through America. Another way is research. Every year the government sends selected researchers for research at government expense. The temperature there is minus ten averages. There is no life there. There are organisms that can survive very low temperature. There are six months of day and six months

of night. Of course, no one stays there at night. Countries nearby like New Zealand cost less in comparison. There is good oxygen; there is no dust in the atmosphere. But due to the rising temperature, the ice is melting and at least fifty percent of life on Earth will be destroyed, including animals, birds and insects other than humans will be destroyed.

As the keynote speaker, Dr. Ganchade said that On February 28, Chandrasekhar Venkata Raman made a fundamental research on 'Raman Effect' in Physics, which later won him the Nobel Prize. Since 1987, this day has been celebrated every year as National Science Day.

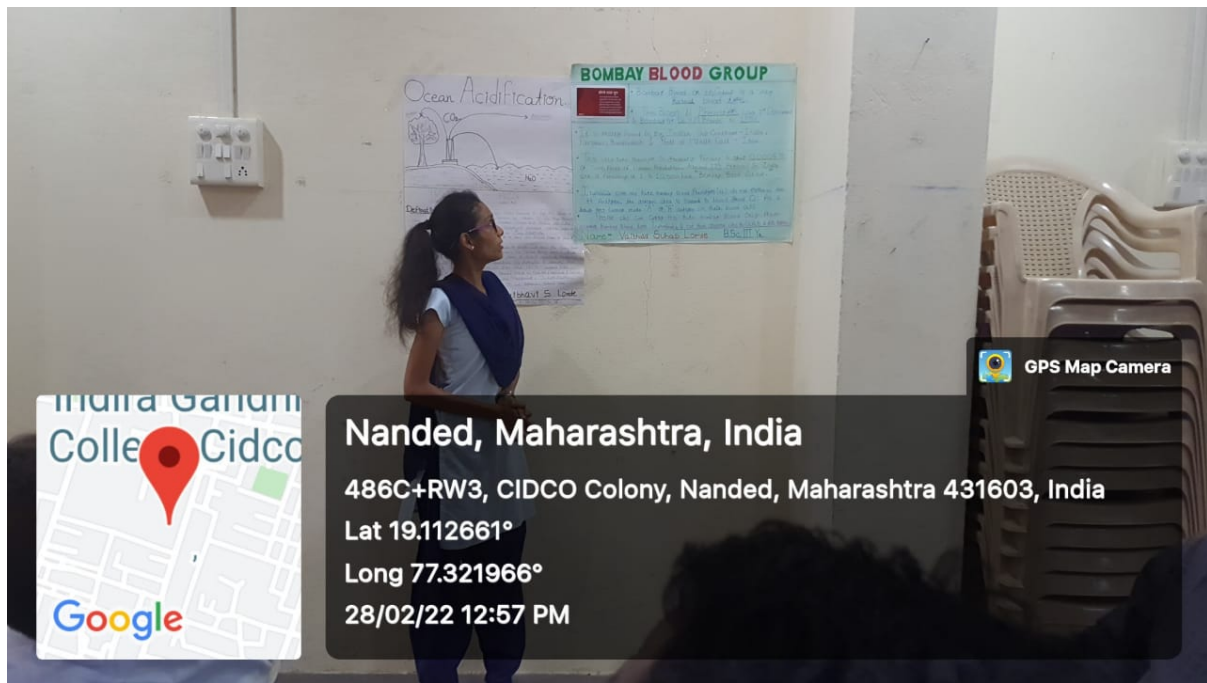
Dr. Rajendra Mali, Principal of the college presided over the program and said, Science is the basis of life from time to time. He said that we should always have a scientific approach. He appreciated the poster exhibition presented by the students on the occasion of Science Day. Ms. Manjusha Kalyankar, took the role of anchoring and a vote of thanks given by Vaishnavi Kulkarni believed.



Hon. Principal Dr. R. P. Mali and Dr. R. G. Metkar Inaugurating Poster Presentation.



Hon. Principal Dr. R. P. Mali and Dr. R. G. Metkar Inaugurating Poster Presentation.



Kum. Lomte Vaibhavi Presenting Poster

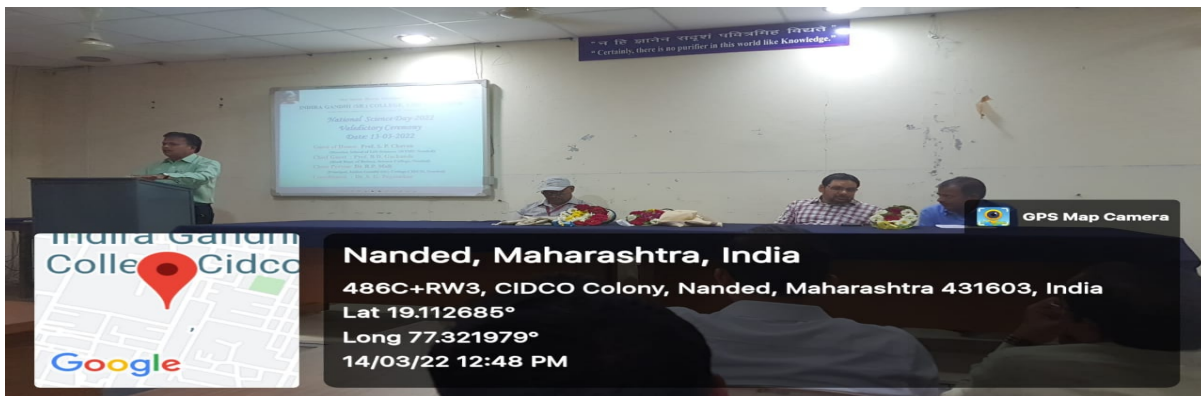


Kum.

Kalyankar Manjusha presenting Poster



Dignitaries on the Dias: Valedictory Function (Prof. S. P. Chavan, Dr. D. B. Gachande, Principal Dr. R. P. Mali and Dr. S.G. Tugaonkar



Dr. D. B. Gachande: During Valedictory Function