



ZEAL GROUP OF INSTITUTES

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ZEAL POLYTECHNIC, PUNE



Department of Computer Engineering

The Department of Computer Engineering has been established in 2008. The intake capacity is 1st shift 120 and 2nd shift 60. The department provides to students the lifelong learning and leadership skills that enable them to grow in their professions to secure better positions in the IT industry. With proper action plan and resources we train and educate engineers.

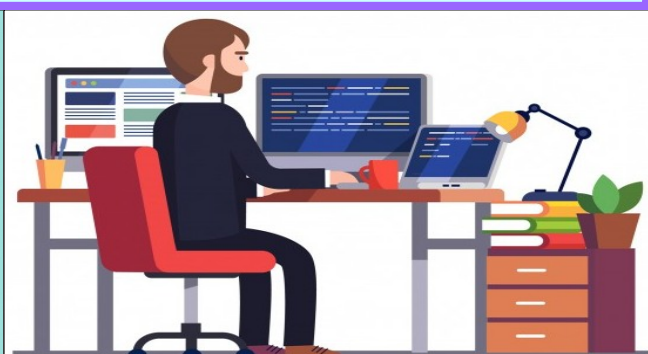
Computer Engineering Department has 5 well equipped labs with latest software's required for curriculum implementation along with 50Mbps Internet connection. Department also conducts various seminars and workshops for students and staff.

Vision of Department

Create professionally competent and socially responsible engineers to work in global environment. friendly software and hardware solutions for the humankind.

Mission of Department

1. Implement diversified teaching learning process methodologies to meet growing requirements of industry and society.
2. Involve students in the installation and troubleshooting of software and hardware systems by demonstrating and using modern tools and methodologies.
3. Inculcate interest, team work and professional ethics among students.
4. Assistance to increase interaction of students with society to identify innovative user friendly



Director's Message



Hon. Shri. S. M. Katkar
Founder Director
Zeal Education Society, Pune

Zeal education society has entered in technical education in a big way by starting a Polytechnic college with five disciplines, with the Good teachers for giving good education to our students.

Our infrastructure and human capital as a society are positive of providing the best education to cope up with the globalization challenges on any field. Quality always has been the thrust of our society and that has been proved from time to time by getting social recognition in the form of various awards.

“We are confident that with your support and patronage we will succeed in our mission and vision for nation.”



Hon. Shri. J. S. Katkar
Executive Director
Zeal Education Society, Pune

I completed diploma in Mechanical engineering and then went to management studies at graduation and post-graduation level. The training I received in diploma helped me become more performance oriented. It gave me practical experience of everything at a very tender age. In zeal polytechnic, we are continually working towards giving practical exposure and first hand training to all students. The work results of our pass out students are fabulous. When they go on job, they feel it easier to cope up with the environment and to them the work looks like a routine life. It eases their efforts and minimizes the gap between academics and industry. Finally it helps the students to achieve their dreams of life more easily.

This newsletter covers all the efforts taken by students, staff members and all stakeholders of the department. I wish them all the best for the effort.



Hon. Dr. S. A. Deokar
Campus Director
Zeal Education Society, Pune

On behalf of management, I congratulate Computer department on releasing its first issue of newsletter. Ultramodern laboratories and knowledgeable, versatile and well qualified staff members are the asset of the Zeal Polytechnic. We encourage all staff members to go for research and for higher studies. The results are really excellent. Teachers imbibe the zeal in to the upcoming generations.

We also encourage every student to participate in co-curricular and extracurricular activities. Hence our students outshine in all spheres of life. They are researchers, entrepreneurs, managers, technical advisors and so on with excellent outcomes. I wish this newsletter begins a new era in the progress of the department and it brings an ever growing fame to it.

Principal's Message



Hon. Dr. S. V. Patil
Principal

I am very happy to note that the Department of Computer Engineering of Zeal Polytechnic Pune is releasing its second copy of Newsletter enumerating the various activities and achievements of their faculty and students. The students and faculties of department are always proactive in taking initiatives in technical, cultural and social events. I hope that this newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best. I congratulate all the students who have put their efforts in bringing this first newsletter issue and also appreciate HOD and all faculty members for motivating their students towards this fulfillment.

Head of Department's Message



Prof. S. B. Tamboli
Head of Department
Department of Computer Engineering

It gives me immense pleasure that the computer department is publishing its first edition of newsletter. The motive behind the publication of newsletter is to showcase the achievements gained by faculty, students and stakeholders attached with the Computer Department. The Computer Department has established state of art laboratories and provides computing facilities to shape the students at par. The Computer Department is fully devoted for the all-rounder development of students.

All the experienced and devoted faculty members are involved deeply to shape up the career of students. The faculty members keep monitoring on students attendance, behaviors, discipline & results of this is ensured in building their positive attitude & personality development. The students are continuously motivated to involve in innovative projects, activities apart from regular time bound academic work. The Computer Department is acting like incubation center in shaping the professional life of students. The Computer Department is committed to & initiated various processes & methodologies for the improvement of academic,

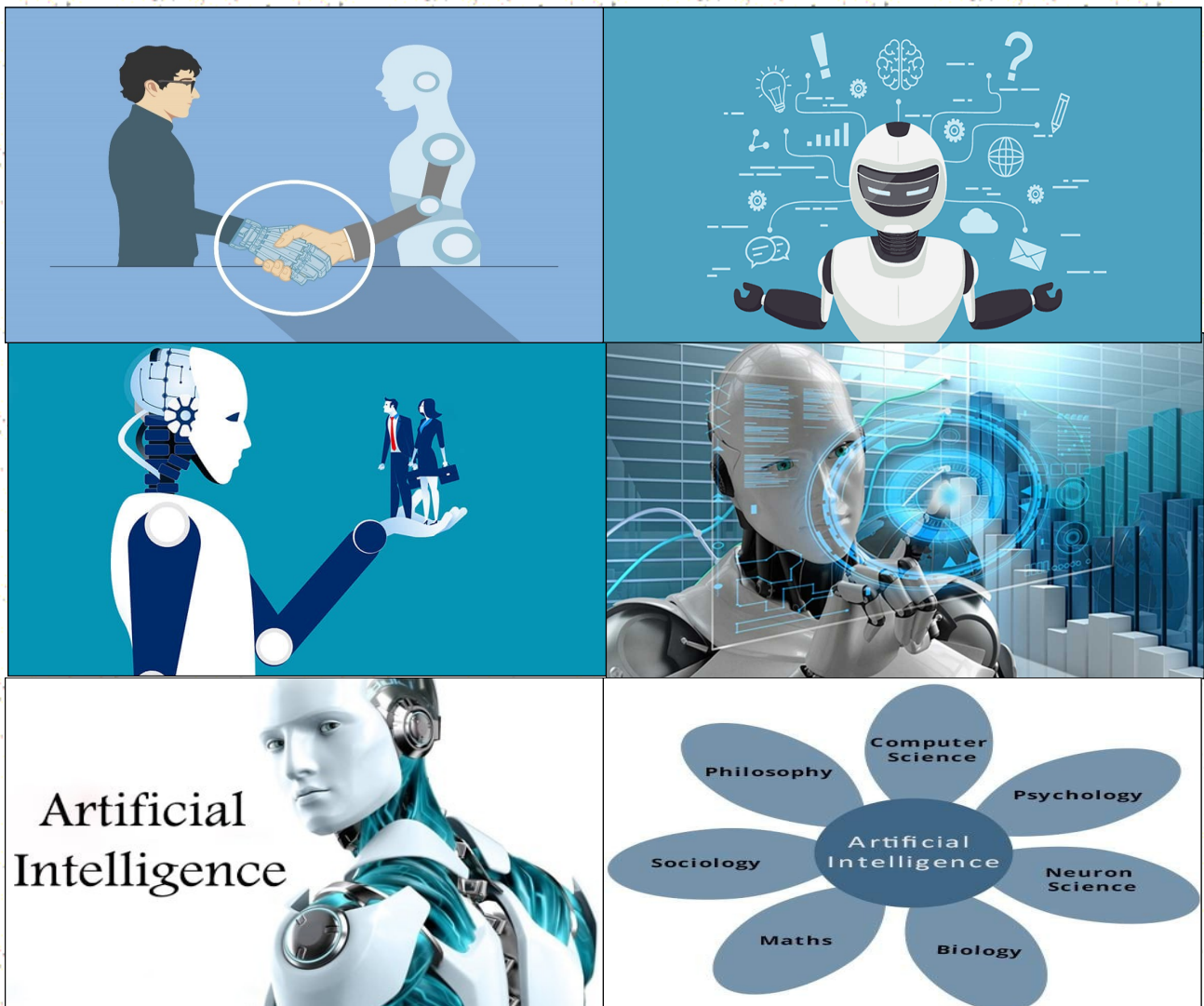
"I choose a lazy person to do a hard job. Because a lazy person will find an easy way to do it."-Bill Gates

Latest Computer Technology

In [computer science](#), **artificial intelligence (AI)**, sometimes called **machine intelligence**, is [intelligence](#) demonstrated by [machines](#), in contrast to the **natural intelligence** displayed by humans and other animals. Computer science defines AI research as the study of "[intelligent agents](#)": any device that perceives its environment and takes actions that maximize its chance of successfully achieving its goals.

More in detail, [Kaplan](#) and Haenlein define AI as “a system’s ability to correctly interpret external data, to learn from such data, and to use those learning’s to achieve specific goals and tasks through flexible adaptation”.

Colloquially, the term "artificial intelligence" is applied when a machine mimics "cognitive" functions that humans associate with other [human minds](#), such as "learning" and "problem solving





Academic Records



Second Year Winter 2018 Result

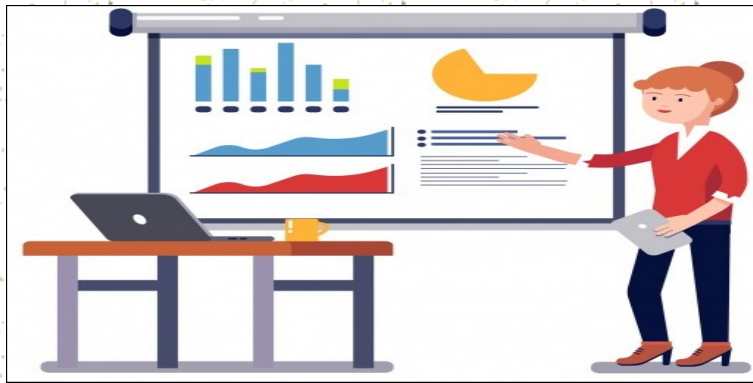
Merit No.	Name of Students	% marks
1.	Varsha Katore	92 %
2.	Deo Aneeket	88.53 %
3.	Rutika Vale	88.30 %

Third Year Winter 2018 Result

Merit No.	Name of Students	% marks
1.	Bhapkar Shruti M.	91.50 %
2.	Desai Samruddhi Sanjay	91.00 %
3.	Dange Sneha Sudhir	86.38 %

A dream becomes a goal when action is taken toward its achievement.

Bo Bennett



Expert Lecture



Expert Lecture on Digital Marketing and Personality Development

A guest lecture on **Digital Marketing** was organized on 30th January 2019 for the students of Computer Engineering who have opted for Computer Applications in Business and E-learning. The resource person for the session was **Mr. Pankaj Modi**,

A guest lecture on personality development was organized on 29th January 2019 by **Mr. Abhishek Akatpure** to Computer Engineering students.

This Lecture really helped the students in various ways. They came to know that how to develop its personality.

Moreover, the lecture was interactive. It also helped the students to build a positive attitude and motivated them to achieve high success in life. The lecture was enlightening experience as it helped to rediscover oneself as a human being, as a student, as a fresher who was looking for his/her dream job. The articulation tips provided by the mentor were helpful to improve the personality.

Teaching is a very noble profession that shapes the character, caliber, and future of an individual. If the people remember me as a good teacher, that will be the biggest honour for me.



Workshop on Network Management Administration

Department of Computer Engineering organized a Workshop for the Diploma Engineering students. The workshop is conducted by Mr. Ashok Pattar on 31st August 2018 for diploma engineering students. Enlightened the students on the most innovative & technological concept of Computer called as “Network Management Administration”.

He initiated his first session with overview of Networking and his emphasis was more on applications and concepts in area of Networking.

Session went on by addressing the various application areas like:

- Basic understanding of Local Area Networks (LAN), Wide Area Networks (WAN) with their specifications.**
- Practical approach towards assigning an address for a given Understanding the idea behind the concept called “Gateway”.**

If you could get all the people in the organization rowing in the same direction, you could dominate any industry, in any market, against any competition, at any time.

Patrick Lencioni

Industrial Visits



INDUSTRIAL VISITS

An Industrial visit to “**I-MEDITA**” (I-Medita, is an ISO 9001:2008 certified Training, development and placement Company registered by Ministry of Corporate affairs as an Educational Service Provider.) was organized by Computer Department of Zeal polytechnic on 14th September 2018. 88 Computer department students and six faculties visited to **I-MEDITA**.

Industry visits play an important role in the Zeal Polytechnic education programme. Students are taken for industry visits in and around Pune where they interact with the company people and have a first-hand experience of how a corporate entity actually works. The crucial purpose behind this programme is to accustom students to the industrial practices and the workings of the corporate world. Students are exposed to practical situations and events in companies thereby honing their corporate skills and industry understanding.

Network management is the process of administering and managing computer networks. Services provided by this discipline include fault analysis, performance management, provisioning of networks and maintaining the quality of service. Software that enables network administrators to perform their functions is called network

There exist limitless opportunities in every industry. Where there is an open mind, there will always be a frontier.

Charles Kettering



Prof. Dipali Mankar

M.E (Computer Engineering)

Experience- 5Yrs.

Area of Interest- Computer Network,
Data mining



Prof. Anuja Yadav

B.E (Computer Engineering)

Experience-NIL

Area of Interest- Big Data



Prof. Aishwarya Mane

M.E (Computer Engineering)

Experience- Nil

Area of Interest- Cloud Computing,
Data mining

A good teacher can inspire hope, ignite the imagination, and instill a love of learning.

EVENTS



ZEAL EDUCATION SOCIETY
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ENGINEERING - POLYTECHNIC - MBA - MCA



Largest Human Flag & Human Portrait of Indian Revolutionaries

25 - Jan - 2019 | 26 - Jan - 2019
At 11: 00 am | at 6:30 am



ZEAL EDUCATION SOCIETY
Redefining Excellence
www.zealeducation.com
ENGINEERING • POLYTECHNIC • MBA • MCA



Largest Human Flag of India & Human Portrait of Indian Revolutionaries

Let's Salute our Indian Revolutionaries
25 Jan 2019 10.00 am
26 Jan 2019 06.30 am

Participation of 3500+ student & The Event will go for World Record **at Zeal College Ground, Narhe, Pune**



ZEAL EDUCATION SOCIETY
Redefining Excellence
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ENGINEERING - POLYTECHNIC - MBA - MCA



Largest Human Flag & Human Portrait of Indian Revolutionaries

3500 + Students from Zeal Education Society will pay tribute to three Great, Young revolutionaries who actually sow the seeds of revolution which in turn helped every Indian to see the dawn of freedom on the occasion of this **70 TH REPUBLIC DAY** on 25 Jan 2019 and 26 Jan 2019 by forming a human chain to create Portraits of Martyr BHAGAT SINGH ,RAJGURU AND SUKHDEV.

A dream becomes a goal when action is taken toward its achievement.
Bo Bennett

Media Corner



झील एजुकेशनमध्ये साकारल्या क्रांतिकारकांच्या प्रतिमा



झील एजुकेशनच्या शाळेत साकारलेली राजगुरूची प्रतिमा.

धायरी : वार्ताहर

नव्हे येथील झील एजुकेशन सोसायटीमध्ये नावीन्यपूर्ण पद्धतीने प्रजासत्ताक दिन साजरा करण्यात आला. येथील विद्यार्थ्यांनी मानवी साखळी करून तिरंगा झेंडा, क्रांतिकारक शाही भगतसिंग, राजगुरू व सुखदेव यांच्या अश्या प्रतिकृती साकारून प्रजासत्ताक दिन साजरा केला.

या नावीन्यपूर्ण उपक्रमात झीलचे साडेतीन हजार विद्यार्थी सहभागी झाले. या कार्यक्रमाची सुलवात ध्वजारोहण व दीपप्रज्वलनाने संपादी

काटकर (संस्थापक संचालक, झील एजुकेशन सोसायटी), जयेश काटकर (कार्यकारी संचालक, झील एजुकेशन सोसायटी), पोलिस उपअधीक्षक जितेंद्र जाधव (कोल्हापूर), वैद्यप्रकाश शर्मा (उद्योगपती) यांच्या हस्ते झाली. प्रजासत्ताक दिनाच्या औचित्याने तिरंगा झेंडा तसेच भारताचे क्रांतिकारक भगतसिंग, राजगुरू व सुखदेव ह्यांची प्रतिकृती या ठिकाणी साकारली. या उपक्रमाची देखल घेत गोल्डन बुक ऑफ वर्ल्ड रेकॉर्ड्स् या अमेरिकी येथील संस्थेने लांबेस्ट ह्युमन डीपींगन पर्सनेज

इन्सक्रिप्शन या अंतर्गत नोंद केली व सर्टिफिकेट दिले.

मेजर शशिधरन नायर पाकच्या नापाक इराद्यांना धुडकावून लावताना झालेल्या भूसुरंग स्फोटत शहीद झाले. भारत मातेच्या या सुपुत्रास झील एजुकेशन सोसायटीकडून भावपूर्ण श्रद्धांजली अर्पण करण्यात आली. वीरमाता श्रीमती सीता वीरपत्नी तुषी व वीर भगिनी सीता या वेळी उपस्थित होत्या. त्यांना झीलच्या विद्यार्थ्यांनी अभिवादन करण्यात आले.

आजच्या तरुण वर्गावली ते जतन करण्याची व संविधानाने

घालून दिलेल्या आदर्शांचे, मूल्यांचे, कर्तव्यांचे हक्काचे भान ठेवण्याची नैतिक जबाबदारी प्रत्येक नागरिकांनी पार पाडण्याची भावना मनात रुजवणे गरजेचे बनले आहे, असे मेजर पोलिस उपअधीक्षक जितेंद्र जाधव (कोल्हापूर) यांनी व्यक्त केले.

सामाजिक कार्यकर्ते वैद्यप्रकाश शर्मा यांनी मनोगत व्यक्त केले. सदर या कार्यक्रमाचे नियोजन डॉ. संजय देवकर यांच्या मार्गदर्शनाखाली करण्यात आले होते. या कार्यक्रमाचे समन्वयक म्हणून प्रा.विरिस चापटे व प्रा.सचिन वाडेकर हे होते.

संकाळ

समूहगीत, नृत्य, कवायती अन् पथनाट्यांचे सादरीकरण

कोथरुड, पौड रस्ता, सिंहाड रस्ता परिसरात प्रजासत्ताक दिन विविध उपक्रमांनी साजरा

पुणे, ता. १३ : कोथरुड, पौडरस्ता, सिंहाड रस्ता, पौड रस्ता परिसरात प्रजासत्ताक दिन साजरा करण्यात आला. या वेळी विविध उपक्रमांनी साजरा करण्यात आला.

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क्रांतिकारकांच्या प्रतिमांची प्रतिकृती अन् तिरंगा!

प्रथमच बुधवार

पुणे, दि. १५ - प्रजासत्ताक दिनाचे औचित्य साधत येथे झालेला '५५५' विद्यार्थ्यांच्या सहभागाने झालेला क्रांतिकारकांच्या प्रतिकृती, तिरंगा अन् पथनाट्यांचे सादरीकरण ही प्रतिकृती साकारण्यात आली. झील एजुकेशन सोसायटीच्या या उपक्रमाची सुलवात गोल्डन बुक ऑफ वर्ल्ड रेकॉर्ड्स् या अमेरिकी येथील संस्थेने 'लांबेस्ट ह्युमन डीपींगन पर्सनेज इन्सक्रिप्शन' या अंतर्गत नोंद घेतली.

संस्थेचे संस्थापक संचालक प्रा.काटकर, कार्यकारी संचालक जयेश काटकर, पोलिस उपअधीक्षक जितेंद्र जाधव, वैद्यप्रकाश शर्मा यांच्या उपस्थितीत कार्यक्रमाची सुलवात प्रजासत्ताक दिनाचे औचित्य साधत झालेला क्रांतिकारकांच्या प्रतिकृती, तिरंगा अन् पथनाट्यांचे सादरीकरण ही प्रतिकृती साकारण्यात आली.

नव राष्ट्र

प्रजासत्ताक दिन...

पुणे : झील एजुकेशन सोसायटीच्या वतीने दरवर्षी वेळोवेळी पद्धतीने प्रजासत्ताक दिन साजरा करण्यात येतो. या वर्षी ३,५०० विद्यार्थी या उपक्रम सहभागी झाले असून तिरंगा झेंडा, क्रांतिकारक भगतसिंग, राजगुरू, सुखदेव ह्यांच्या प्रतिकृती साकारण्यात आल्या.

गुड मॉर्निंग

पुणे : झील एजुकेशन सोसायटीच्या वतीने दरवर्षी वेळोवेळी पद्धतीने प्रजासत्ताक दिन साजरा करण्यात येतो. या वर्षी ३,५०० विद्यार्थी या उपक्रम सहभागी झाले असून तिरंगा झेंडा, क्रांतिकारक भगतसिंग, राजगुरू, सुखदेव ह्यांच्या प्रतिकृती साकारण्यात आल्या.

Maharashtra: More than 3500 students gathered to create large portraits of freedom fighters Bhatgat Singh, Rajguru and Sukhdev on the eve of Republic Day in Pune.

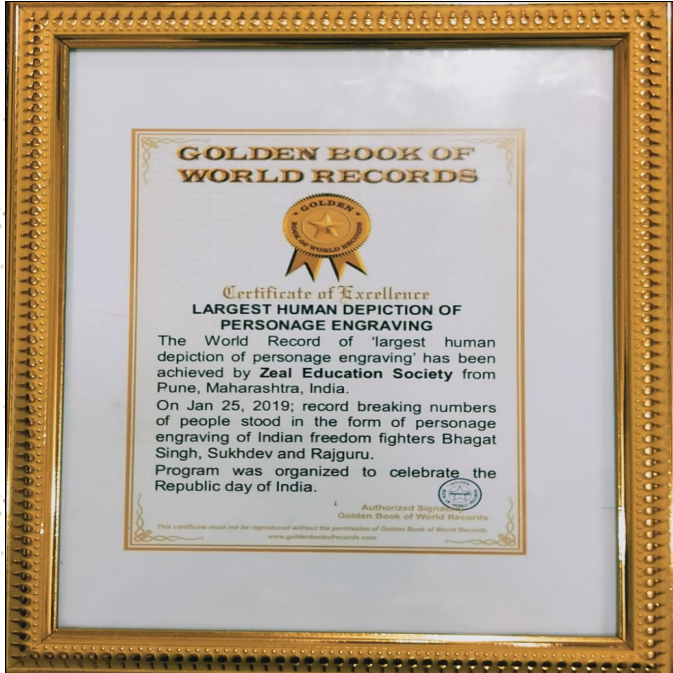
Students of Zeal institute create India's national flag on the eve of 70th Republic Day on the college premises. The flag was created by 3,536 students, who attempted to set a new record for the same.

PRATHAMGOKHALE/HT PHOTO





Golden Book of World Records



नवभारत

झील में लहराया गया 'मानवी तिरंगा'

मानवी शृंखला से बनाई क्रांतिकारियों और तिरंगे की प्रतिमाएं

संवाददाता
पुणे. गणतंत्र दिवस के मौके पर कई संस्था-संगठनों की ओर से विभिन्न उपक्रम चलाए जाते हैं. अपने इन उपक्रमों से हर कोई देश को स्वतंत्रता दिलाने अपना बलिदान देने वाले क्रांतिकारियों के प्रति तथा देश के प्रति अपनी प्रतिबद्धता जतान करते हैं. शहर के प्रमुख एज्युकेशन सोसिटी के छात्रों ने मन्वी शृंखला तैयार करते हुए महान युवा क्रांतिकारी भगतसिंह, सुखदेव, राजगुरु तथा देश की शान तिरंगे की प्रतिमा को साकार किया और देश के प्रति अपना समर्पण जतान किया.

कार्यक्रम की शुरुआत ध्वजारोहण तथा दीप प्रज्वलन से हुई इस समय झील पर्यटन सेंटर की संस्थापक सभाधी काठकर, कार्यकारी निदेशक जयेश काठकर, कोल्हापुर के पुलिस उपअधीक्षक जितेंद्र जाधव, विद्यार्थी उद्योगपालि वेदप्रकाश शर्मा उपस्थित थे.

कार्यक्रम की ख्यातिवा रही कि, कश्मीर में देश की रक्षा करते हुए दुश्मन के हमले में शहीदित हो गए हुए मृतक शहीदपरन नायर की वीरमत्ता प्रेरणा लेता नायर के श्रद्धा ध्वजारोहण किया गया. इस समय सेजर शहीदपरन की वीरपत्नी तथा वीर भगिनी उपस्थित थी. इस वीर परिवार का झील के छात्रों ने अभिवादन किया.

3500 से अधिक छात्रों ने शुरु किया अनोखा उपक्रम

इसके बाद करीब 3500 से अधिक छात्रों ने अपना अनोखा उपक्रम शुरू किया. इसके तहत सभी छात्रों ने हाथों में त्रिभुजांगी लेखक कार शहीद भगतसिंह, सुखदेव और राजगुरु समेत देश का राष्ट्रीय ध्वज तिरंगा लेकर किया. इन सभी प्रतिमाओं को झील में डूब किया गया. अपने इस कार्यक्रम से छात्रों ने देशप्रेम के साथ-साथ एकता का भी संदेश दिया. इस अनोखे उपक्रम का संतान अमरीका की संस्था 'ग्लोबल बुक ऑफ वर्ल्ड रिकॉर्ड' ने प्रील संस्था को 'लार्जस्ट ह्युमन टोपीशन परसेनेज इनवर्शिंग' का प्रमाण पत्र दिया.

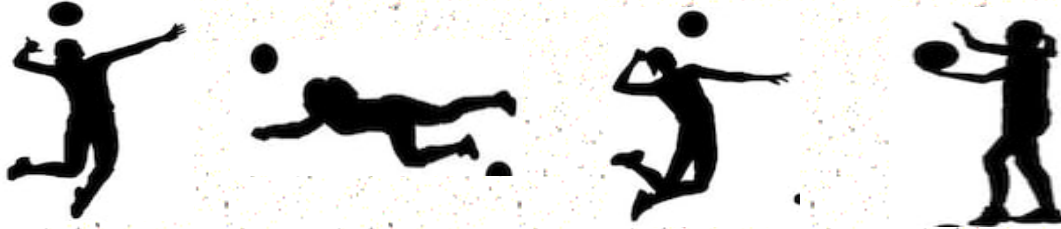
इस उपक्रम की उपस्थित सभी अतिथियों ने कानति सराहना की. कार्यक्रम में जितेंद्र जाधव ने कहा कि, स्वतंत्रता सेनानियों के बलिदान के चलते ही भारत मात को मुक्तभी से स्वतंत्रता मिली है. इसलिए इन सभी का स्मरण आज की पीढ़ी को होने के उद्देश्य से इस तरह के उपक्रम बेहतरीन है.

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