



Newsletter

Zeal Polytechnic

Computer Department

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.



Computer Engineering



Vision of Department

Create professionally competent and socially responsible engineers to work in global environment.

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 software and hardware solutions for the humankind.

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,

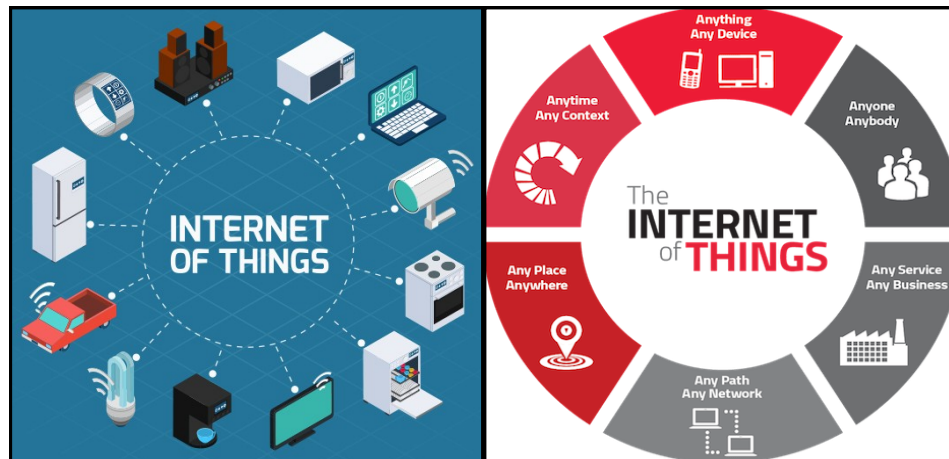
"I choose a lazy person to do a hard job. Because a lazy person will find an easy way to do it."-Bill Gates



Internet of Things (IoT)

The internet of things (IoT) is a computing concept that describes the idea of everyday physical objects being connected to the internet and being able to identify themselves to other devices. The term is closely identified with RFID as the method of communication, although it also may include other sensor technologies, wireless technologies or QR codes.

The IoT is significant because an object that can represent itself digitally becomes something greater than the object by itself. No longer does the object relate just to its user, but it is now connected to surrounding objects and database data. When many objects act in unison, they are known as having "ambient intelligence."



“We need to get smarter about hardware and software innovation in order to get the most value from the emerging Internet of Things.” – *Henry Samueli*



Academic Records



First Year Summer 2018 Result



Ms. Vale Rutika Ajay. 78.5%



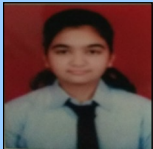
Ms. Katore Varsha Govind. 83.75%



Mr. More Nandkishor Ankush-75 %



Second Year Summer 2018 Result



Ms. Bhapkar Shruti M. 85.67 %



Mr. Desai Samruddhi Sanjay 85.78%



Ms. Ghanekar Vrushali Vilas 84.78%



Third Year Summer 2018 Result



Ms. Ghanwat Gauri Umesh -83.13%



Mr. Tongay Ninad Naresh -88.38%



Ms. Chaubal Rashi Sachin -82.38%





Guest Lecture on Software Engineering

A guest lecture on Software engineering was conducted for the third year Computer Engineering department students. The Invited Speaker, Mr. Varun Sapre, delivered the guest lecture. The informative session comprised of an introduction to the software, software engineering, Software Development Lifecycle, Process models, software testing-objectives, Software metrics, and strategies.

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.

Dr. A. P. J. Abdul Kalam



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

HAPPY MUSIC SHOW

On this 72nd Independence day, students of Zeal will fight for freedom against misconceptions about HIV in a unique way. Zeal is organizing the performance by Positive Children of HIV, that will put an end to social stigmas associated with HIV.

We should fight HIV, not people with HIV

ZEAL INSTITUTES
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LIFE FOUNDATION

Powered by
HAPPY INDIAN VILLAGE

THE HAPPY MUSIC SHOW
15th AUG 2018

INDEPENDENCE DAY

Victims of HIV have a lot to handle. Let's not add to their problems by discrimination. Everyone deserves dignity, compassion and love.

On this 72nd Independence day students of Zeal will fight for freedom against misconceptions about HIV in a unique way. Zeal is organizing performances by Positive Children of HIV, that will put an end to social stigmas associated with 'HIV'. We should fight HIV, not people with HIV.

Venue
Ganesh Kala Krida Mandir
Time : 10:30 am to 1:00 pm

LEARN | ACT | EDUCATE
#STOPSTIGMA
#ENDSTIGMA
#ENDHIV

f t i y /zealeducos

झालच्या विद्यार्थ्यांना जपला सामाजिक बांधिलकी

झील एज्युकेशन सोसायटीद्वारे ७२ व्या स्वातंत्र्यदिनाचे औचित्य साधून एच आय व्ही बाधित मुलांच्या कलागुणांचे दर्शन घडवणाऱ्या कार्यक्रमाचे आयोजन १५ ऑगस्ट रोजी गणेश कला क्रीडा रंगमंच या ठिकाणी करण्यात आले होते.

लातूर जिल्ह्यातील 'सेवालय' या एच आय व्ही बाधित मुलांसाठी काम करणाऱ्या संस्थेतील ४० एच आय व्ही बाधित मुलांनी 'हॅपी म्युझिक शो' सादर केला. सदर कार्यक्रम एच आय व्ही बाधितांबद्दल असलेले गैरसमज आणि राष्ट्रीय एकात्मता या संकल्पनेवर आधारित होता. यामध्ये महाराष्ट्राची संस्कृती, देशभक्ती तसेच लोककला नृत्यविष्कारांचा समावेश होता.

झील एज्युकेशन सोसायटीच्या अभियांत्रिकी व व्यवस्थापन विभागातील विद्यार्थ्यांनी एच आय व्ही जनजागृतीबाबत तयार केलेल्या सेवालय एनजीओच्या (www.sevalya.org) या वेबसाइटचे प्रमुख पाहुण्यांच्या हस्ते उद्घाटन झाले.

या कार्यक्रमाचे समन्वयक डॉ. सचिन चव्हाण व डॉ. ऋषिकेश काकांडीकर हे होते. सदर वेबसाइट प्रा. विकास पाटील यांच्या मार्गदर्शनाखाली विद्यार्थ्यांनी तयार केली आहे. 2018-8-21 10

कॉलेजच्या कट्ट्यावर

'झील'च्या विद्यार्थ्यांकडून सेवालयच्या संकेतस्थळाची निर्मिती

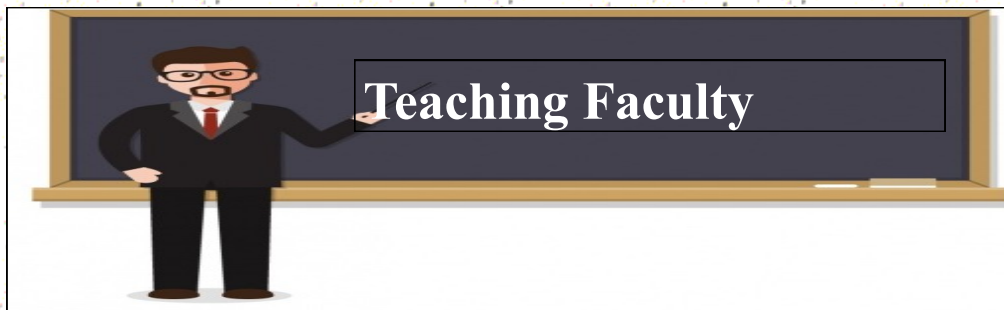
स्वातंत्र्य दिनाच्या औचित्याने झील एज्युकेशन सोसायटीतर्फे एचआयव्ही बाधित मुलांच्या कलागुणांचा कार्यक्रम नुकताच झाला. लातूर जिल्ह्यातील सेवालय संस्थेतील ४० मुलांनी हॅपी म्युझिक शो या कार्यक्रमातून राष्ट्रीय एकात्मतेचे दर्शन घडवले. एचआयव्ही जनजागृतीसाठी झीलच्या अभियांत्रिकी आणि व्यवस्थापन विभागातील विद्यार्थ्यांनी केलेल्या सेवालय संस्थेच्या संकेतस्थळाचे (www.sevalay.org) उद्घाटन अभिनेते राहुल सोलापूरकर यांच्या हस्ते झाले. एचआयव्हीबाधितांबाबत असलेल्या गैरसमजुती दूर करून त्यांना मुख्य प्रवाहात सामील करून घेणे हा कार्यक्रमाचा उद्देश होता. सेवालय संस्थेचे प्रमुख श्री. स्वी बापटले, महापालिकेचे उपायुक्त सुरेश जगताप, उपायुक्त ज्ञानेश्वर मोळक, सहायक पोलीस आयुक्त शिवाजी पवार, उपजिल्हाधिकारी अर्जुन कारंडे, अंकार कोंढाळकर, झीलचे कार्यकारी संचालक जयेश काटकर आदी या वेळी उपस्थित होते.

नव राष्ट्र

मुलांच्या कलागुणांचे दर्शन...

पुणे : गणेश कला, क्रीडा रंगमंच येथे झील एज्युकेशनतर्फे आयोजित ७२ व्या स्वातंत्र्यदिनाचे औचित्य साधून एचआयव्ही बाधित मुलांच्या कलागुणांचे दर्शन घडवणाऱ्या कार्यक्रमाचे आयोजन करण्यात आले होते. यावेळी एचआयव्ही बाधित मुलांनी 'हॅपी म्युझिक शो' सादर केला.

Pune Plus Edition
18 Aug, 2018 Page No. 1
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	<p>Prof. Madhuri Thorat: Experience: 2 Month. Area of interest: Cloud Computing</p>
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	<p>Prof. Shireen Kudle Experience: 6 year Area of interest: C, C++, DBMS, Data structure</p>
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	<p>Prof. Mahesh Pawar Experience: 5 year Area of interest: Programming.</p>
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	<p>Prof. Amol Shenkar Experience: 2.5 year Area of interest: Programming</p>
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	<p>Prof. Priyanka Kolte Experience: 0.5 year Area of interest: Cloud Computing.</p>
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	<p>Prof. Sonali Shid Experience: 0.5 year Area of interest: Networking</p>
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EVENTS


ZEAL EDUCATION SOCIETY
 CELEBRATING
 20 YEARS OF EDUCATIONAL EXCELLENCE
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ZEAL POLYTECHNIC

(Approved by AICTE, Recognized by D.T.E. & Affiliated to MSBTE) Narhe, Pune - 411041, Contact : (020) 67206021 Website : www.zealpolytechnic.com

is Organizing State Level Poster Design & Presentation & Quiz Competition

On 27th September 2018

ZEAL CONFLUENCE-2018

POST PERFECT-2018 TECHNO QUIZ-2018



Branch wise & Event wise Prizes:

1st - Rs.2000/-

2nd - Rs.1000/-

Rules and Regulations for Poster Design & Presentation & Quiz Competition

1. Maximum two students are allowed in each group
2. Poster size should be minimum (3 X 2) ft
3. Quiz will be based on concerned diploma program subjects

Category	Entry Fee	Last Date of Registration
Poster Design & Presentation*	Rs. 50/- per student.	27th September 2018
Quiz Competition	Rs. 50/- per student.	

Registration charges include certificate of participation
 Registration charges will be accepted in the form of cash/DD along with duly filled registration form.
 DD should be drawn in favour of "Principal Zeal Polytechnic" payable at Pune.
 *Spot Entries are also allowed.

Chief Patrons

Hon. Shri S.M.Katkar (Founder Director, ZES)	Hon. Prof. J.S. Katkar (Executive Director, ZES)
Dr. S.A.Deokar (Campus Director, ZES)	Dr.S.V.Patil (Principal, Zeal Polytechnic)

Convener : Prof. V.B. Shere (9822073955)

Organizing Committee

Prof.V.S. Kshirsagar (HOD Mechanical) Prof. S. B. Tamboli (HOD Computer) Prof.S.S. Nimbaikar (HOD Electrical)	Prof. V.B. Shere (HOD E&TC) Prof. D.K. Khopade (HOD Civil)
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Department	Poster Competition	Quiz Competition
E&TC	Y. M. Sawant (7276663545)	P. A. Kale (7620159609)
Mechanical	N. N. Kokare (9767441851)	S. S. Suryawanshi (7385161124)
Electrical	U. N. Raut (8805013880)	A. G. Keskar (9890694461)
Civil	Y. V. Bacchav (7276231975)	S. B. Patil (9067270111)
Computer	A. N. Bhagat (8975760384)	M. B. Pawar (8888341643)

ELECTRICAL ENGINEERING

- Smart metering
- Energy storage device
- Distributed energy generation
- Electrical safety
- Hybrid vehicles

ELECTRONIC & TELECOMMUNICATION ENGINEERING

- Mobile Communication
- VLSI & Embedded System
- Nanotechnology
- Artificial Intelligence
- Electronic Waste (e-waste) Management

COMPUTER ENGINEERING

- Efficient use of cloud computing technology in commercial applications
- Emerging trends in robotics using neural network
- Enhancement in open source technology
- Applications of IoT
- Novel approaches in computer security
- Futuristic architectures in parallel programming

CIVIL ENGINEERING

- Automation in surveying
- Low cost housing
- Pot holes-causes and remedies
- Admixtures in concrete
- Water conservation
- Solid waste- Impact and remedies

MECHANICAL ENGINEERING

- Advance technology in automobile
- Pollution due to mechanical industries
- Advanced composite materials
- Renewable energy sources
- Future of mechanical engineering


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ZEAL CONFLUENCE-2018

State Level Technical Quiz competition and Poster Design & Presentation

Techno Quiz - 2018 Post Perfect - 2018

On 27th September 2018

Branch wise & Event wise Prizes:

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