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Sanvvaad...2k18

A Time less contact

Think Like an ENGINEER.....





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From the Director's Desk

Technology is changing our life which is beyond our imaginations, what 100 of centuries have not seen, happened in last century due to technology. What thousands of decades have not imagined was experienced by last decade, due to information technology. Every sphere of life, whether it is agriculture, industry, medicine, entertainment etc. Experienced drastic change or one can dare to call it revolution due to technology. As engineering students we have to keep pace and respond to the changes around us or else we will be thrown out of the track. Unless you try to do something beyond what you have already mastered you can not grow. So put all the untapped energy within you to grow and to contribute to the society, and make this planet a beautiful place to live.

I want to congratulate E&TC department for all the time and efforts put.
"Good Luck"



Prof. Dilip Gour
(Director)
ICEEM, A'Bad.

HOD's Message

"Sanwaad-2K18" the reflection of Electronics & Telecommunication engineering department is an open forum where students can express their views and opinions. It is an outlet for the creative talents of the Students. The student Editor, helped by staff Editorial Board, brings out the magazine at the end of the academic year.

The magazine showcases the technical activities, literary, cultural, sports activities and achievements of the students as well as staff members with the signatures of master talents.

It is a great pleasure to present a 4th edition of "Sanwaad-2K18". In this occasion, congratulating each and every people worked hard to bring this monumental for ICEEM Community.



Prof. H. L. Jadhav
H.O.D (E&TC)

TEKTRONIX4U,

Electronics is knowledge intensive industry which is also a dynamic industry with global character. Electronics has an all important role in a country's development process today and it can be called a fundamental component in modern technology, so much so that, a country's technological progress is assessed on the basis of its capabilities in this area and we as an TEKTRONIX4U are working for the same. We are really thankful and proud to get associated with ENTCT Dept. of ICEEM through Sanwaad....2K18.



Shreyas Namawale



Pravin Nawathe

MODI INNOVATIONS TECH CENTER (Research & Training)

Modi Innovations Tech Center is a subsidiary firm of Modi Innovations Pvt. Ltd. Modi Innovations deals in Industrial Automation systems design & development, DCS, Industry 4.0, IoT (Internet of Things), & Software development segment since significant amount of time. Modi Innovations Tech Center is established by 4 young WOMEN ENTREPRENEURS Varsha Deshpande, Trupti Sawaiwala, Pooja Singare and Ruchita Wani. Industrial training provided to Professionals and students. Training is a program that helps professionals and students learn specific knowledge or skills to improve performance in their current roles.





प्रस्तावना

अभियांत्रिकी शिक्षण क्षेत्रात भरीव व मोलाचे योगदान दिल्याबद्दल वर्ल्डवाईड अचीव्हर्स च्या वतीने देण्यात येणाऱ्या एशीया एज्युकेशन समीट - २०१८ मध्ये आयसीमचे संचालक प्रा. दिलीप गौर यांना 'बेस्ट डायरेक्टर ऑफ इंजिनिअरींग अँड मॅनेजमेंट इन्स्टीट्यूट इन महाराष्ट्र' या प्रतिष्ठेच्या समजल्या जाणाऱ्या पुरस्काराने सन्मानित करण्यात आले. अत्यंत कमी कालावधीमध्ये सातत्याने १००% निकाल देणारी व विद्यार्थ्यांच्या हितासाठी काम करणारी संस्था म्हणून वाळुज येथील इंटरनॅशनल सेंटर ऑफ एक्सलेंस इन इंजिनिअरींग अँड मॅनेजमेंट (आयसीम) चा नौवलीकीक झाल्याबद्दल वर्ल्डवाईड अचीव्हर्स च्या वतीने देण्यात येणाऱ्या एशीया एज्युकेशन समीट - २०१६ मध्ये देखील आयसीम कॉलेजला 'फास्टेस्ट इंजिनिअरींग अँड मॅनेजमेंट इन्स्टीट्यूट इन महाराष्ट्र' या पुरस्काराने सन्मानित करण्यात आले होते.

विद्यार्थ्यांमध्ये तांत्रिक कौशल्य विकसीत करण्या सोबतच त्यांना सामाजिक जबाबदारीचेही भान असावे म्हणून; बेटी बचाओ, हेल्मेटचा वापर, पॉलीथीन बंदी, रक्तदान, स्वच्छता अभियान, वृक्षारोपन यासारख्या अनेक सामाजिक उपक्रमांद्वारे सातत्याने जन जागृती केली जाते. उद्योगजताशी नाते जोडून त्यांचे प्रकल्प विद्यार्थ्यांकडून पूर्ण करून घेतले जातात आणि कामगार व गरीब शेतकऱ्यांच्या मुलांचा आत्मविश्वास वाढवून त्यांच्याकडून सर्व क्षेत्रात श्रेष्ठ प्रदर्शन करण्यासाठी, सरकारी शिष्यवृत्ती व्यतिरिक्तही आर्थिक मदत मिळवून दिली जाते. आत्महात्याग्रस्त शेतकऱ्यांच्या मुलांना मोफत शिक्षण तसेच गरीब, होतकरु व गुणवधारक विद्यार्थ्यांसाठी कमवा व शिका योजने अंतर्गत शिक्षण दिले जाते.

मसीहाच्या वतीने कलाग्राम येथे आयोजित करण्यात आलेल्या अॅडव्हान्टेज महाएक्स्पो - २०१७ मध्ये विविध प्रकल्प उद्योजकांसाठी ठेवण्यात आले होते व हजारोंच्यावर उद्योजकांनी यांची माहिती घेऊन महाविद्यालयात जाऊन पाहणी केली. या प्रदर्शनामध्येही शिक्षण विभागात महाविद्यालयाने प्रथम क्रमांक पटकावला. इलेक्ट्रॉनिक्सची विद्यार्थीनी पुनम बडगुजरने कंपनी शोडच्या पत्र्यावरील एक्झॉस्ट फॅन मधुन पेट्रॉलच्या जाणाऱ्या हवेतून उर्जा निर्माण करण्याचा यशस्वी प्रयोग केला आहे व पॅटंट ही मिळविले आहे. वाळुज सह शेंद्रा वसाहतीतील उद्योगजकांनी देखील यासाठी तीच्याशी संपर्क केला आहे. मेकॅनिकलच्या विद्यार्थ्यांनी बिएमसी इलेक्ट्रोप्लास्ट कंपनीतील तंत्रज्ञांच्या टिमसोबत काम करून विजतारंजा लागणारे आगळे - वेगळे शेल्टर तयार केले आहे, तेही २५% स्वतः आणि ५० % वजनाने हलके. लोखंडासह इतर धातुंना पर्यायी असे शिट मोल्डेड कंपोनेंट वापरून तयार केलेले हे भारतातील पहिलेच लोखंडांला पर्यायी संशोधन आहे. तसेच मेकॅनिकल शाखेतील काही विद्यार्थ्यांनी CO₂ गॅसचे प्रमाण कमी करण्यासाठी केलेल्या प्रकल्पाला GIZ व MASSIA यांच्या संयुक्त विद्यमाने आयोजित स्पर्धेमध्ये तीसरा क्रमांक मिळविला. व त्यासाठी विद्यार्थ्यांनी पॅटंट ही मिळविली आहे. संगणक अभियांत्रिकीच्या विद्यार्थ्यांनी विविध शासकीय व निमशासकीय संस्थांसाठी अॅन्ड्रॉइड अॅप्स तयार करून दिलेली आहेत. त्यामध्ये युथ फेस्टीवल, इंद्रधनुष, ऋतुरंज व लिन मशीनिंग क्लस्टर वेबसाईट इत्यादीचा समावेश होता. स्थापत्य अभियांत्रिकीच्या विद्यार्थ्यांची मजबुत रस्ते बांधणीसाठी टाकाऊ रज व अरबीआय चा काळ्या माती मध्ये कशा प्रकारे वापर करावा जेणेकरून मातीची स्ट्रॅन्थ वाढेल व रस्त्यासाठी मजबुत पाया तयार होईल, यासाठी नावीन्यपूर्ण संशोधन केले आहे. त्याच बरोबर खुल्ताबाद शहरासाठी अधुनिक व कमी खर्चाच्या सांडपाणी प्रक्रिया प्रकल्पावरही संशोधन सुरु आहे. शैक्षणिक क्षेत्राची औद्योगिक जगताशी योग्य सांगड घालून तांत्रिक कौशल्याचा सामाजिक स्तरावर कौशल्याने कसा वापर करून घेण्यात येईल, यासाठी आयसीमचे मॅनेजमेंट मंडळ, संचालक, प्राध्यापक व विद्यार्थी नेहमीच प्रयत्नशील असतात. त्याचाच एक भाग म्हणून इलेक्ट्रॉनिक्स विभागाने विविध शासकीय व निमशासकीय संस्थांबरोबर सामंजस्य करार केलेला आहेत. मराठवाड्यातील संशोधनाला चालना मिळावी म्हणून Dr. BAMU राष्ट्रीय उच्चस्तर शिक्षण अभियान व दिनदयाल उपाध्याय कौशल्या केंद्रसोबतही सामंजस्य करार करण्यात आला आहे. " संवाद 2K18 " च्या तिसऱ्या आवृत्ती निमित्त घेतलेला हा संजिप्त आढावा वाचकांना मनस्वी आनंद देईल यात शंका नाही.

- प्रा. हेमंत लक्ष्मण जाधव,
मुख्यसंपादक संवाद 2K18 ,

आयसीम अभियांत्रिकी महाविद्यालय, औरंगाबाद

"TECHNICAL PROJECTS"

ADVANCED DRONE

This project is concerned with the design and development of Hexacopter UAV. The design is proposed for Cloud Seeding, Artificial Rain and automatic cloud density detection. The project poses particular challenges in terms of weight reduction, controllability, high payload carrying capacity and maximum efficiency. Hexacopter is best design to carry a payload vertically in any environment at a maximum attainable height. The self weight contains heavy power supply, large motors, highly durable and sustainable chassis and best control system. Thus, weight reduction of all components is essential in order to allow for sufficient lift force. The controls system for such a craft is very complex, as it requires the synchronization of eight individual motors so as to use least possible power and give maximum output. The vehicle is built after investigating the different parts that could be used and a tool will be developed for the remote control as well auto pilot of the aircraft.



SHUBHANGI KASAR

VEHICLE SECURITY SYSTEM USING FINGERPRINT SCANNER

Normally available locks in the bikes do not provide enough security to the bike owners. Traditional locks available in the bikes are well known to thieves and they can be easily broken by them. Thus there is a need for more security options to be available for the motorcycle which is unique and must be different from the traditional key locks. Biometric system can be used as a good and effective security option. An important and very reliable human identification method is fingerprint identification. As fingerprint of every person is unique thus it can be used in various security options.

For more safety option for user of bike we also provide alcohol sensor that is MQ3 and limit switch as a helmet detector with the help of this the drunk person cannot bypass the system and when user wears the helmet and not consume any alcohol only then and then that person can handle the bike.



ABOLI WAIKOS
NILESH MANE
SATISH KASTURE





BLIND STICK PROJECT ABSTRACT

God gifted sense of vision to the human being is an important aspect of our life. But there are some unfortunate people who lack the ability of visualizing things. The visually impaired have to face many challenges in their daily life. The problem gets worse when they travel to an unfamiliar location. In this proposed system we are using the various types of the sensors to detect the various types of obstacles. The project main objective is to provide assistance to blind people. Ultrasonic sensor is used to calculate distance of the obstacles around the blind person to guide the user towards the available path. Moisture sensor is used to sense water around the blind person to guide the user towards the available path. Fire sensor is used to detect the fire in surrounding to blind person to guide the user towards the available path. Outputs of ultrasonic, moisture & fire sensor are in the form of sequence of different beep sound which the blind person can hear. Light sensor is used at the time when there is darkness then the other people must know someone is coming ahead. We are also made remote for detecting the stick by using RF Transceiver. GPS tracking is provided for tracing the location of the person.



SHUBHANGI KASAR
VIJAYA RAHANE
SONALI BORSE

Smart Classroom

This Project "Smart classroom" is a reliable circuit that takes over the task of controlling the room lights as well as counting number of persons/visitors in the room very accurately. When somebody enters into the room then the counter is incremented by one and the LED light in the room will be switched ON and when any one leaves the room then the counter is decremented by one. The light will be only switched OFF until all the persons in the room go out. The total number of persons inside the room is also displayed on the display monitor.

The noise sensor senses the excess noise in the class and indicates it. The automatic light and fan control in this project is also achieved by IFTTT i.e., by using voice control and blynk app. In this way the automated smart class is established by better convenience of students.

ANJALI KAWTHE
MAYA INGALE
SHITAL WAYKULE



WHEELCHAIR

The project aims in designing a Wheel chair that can be operated using Android mobile phone. The controlling of the Wheel chair is done wirelessly through Android smart phone using the Bluetooth feature present in it. Here in the project the Android smart phone is used as a remote control for operating the Wheel chair. Android is a software stack for mobile devices that includes an operating system, middleware and key applications. Android boasts a healthy array of connectivity options, including Wi-Fi, Bluetooth, and wireless data over a cellular connection (for example, GPRS, EDGE and 3G). Bluetooth is an open standard specification for a radio frequency (RF)-based, shortrange connectivity technology that promises to change the face of computing and wireless communication. It is designed to be an inexpensive, wireless networking system for all classes of portable devices, such as laptops, personal digital assistants, and mobile phones.



ATUL CHAUDHARY.
SANKET DESALE.
TUSHAR PATIL.
VAIBHAV KHAIRNAR.

NANOTECHNOLOGY

Think all the way down to one billionth of a meter a scale at which hydrogen and carbon atoms appear as large as base balls, now imagine picking up those atoms and arranging them the way we want. At the molecular scale the idea of holding and positioning molecules is new and manipulate each and every individual atoms of the products.

Ex:- If we rearrange the atoms in coal, we get diamonds. If we rearrange the atoms in sand (and add a pinch of impurities) we get computer chips that the basic idea of nanotechnology.

The carbon nano tubes has been crowned the king of nano-technology due to its unit and remarkable attributes which will enable multitudes of products to be lighter, stronger, cheaper, cleaner, more efficient and more precise in these functions this paper provide and over view of current nano tube technology, the special focus on the properties of nano tubes in their wider context of material science any high lights the contribution our work in those rapidly expanding field. Ten years ago, space elevator was considered science fiction by most of the space community. The characteristics and advancement in the space elevator concept using nano tubes are briefly presented.



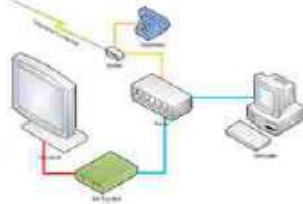
MOHINI MALI
JAYSHREE CHAVAN





INTERNET PROTOCOL TELEVISION

Internet Protocol Television (IPTV) is a rapidly maturing technology for the delivery of broadcast TV and other media-rich services over a secure, end-to-end operator managed broadband IP data network. IPTV broadly encompasses a rich functionality that ranges from the acquisition, encoding and decoding, access control and management of video content, to the delivery of digital TV, movies on demand, viewing of stored programming, Personalized program guides, and a host of interactive and multimedia services. IPTV is distinctly different from "Internet Video" that simply allows users to watch videos, like movie previews and webcams, over the Internet in a "best effort" fashion with no into- end service management and quality of service considerations. This paper is an overview of the new emerging IPTV technology. Our future work will be focusing on IPTV Quality of Experience, its architecture, security threats and its possible solutions and so on.



BHAGWAT CHAVAN
GANESH SALE
ROHIT BHAWAR

IOT

This paper presents an approach for smart home automation using Internet of Things (IOT) integration with computer vision, web services and cross-platform mobile services. This project aims to increase home security using the aforementioned approach. The approach focuses on: (1) sending data and receiving instructions by sensors, cameras and servo motors, to and from the end user, through embedding intelligence to the mentioned gadgets using Raspberry Pi tiny computer; (2) assisting interaction of end users and home devices through cross-platform mobile application developed using Ionic Framework; (3) connecting the two client sides, the end user and devices, through publish/subscribe model using Pub Nub Data Stream Network; (4) data representation and exchange efficiently using JSON data format. Moreover, four use cases were implemented to demonstrate this approach efficiency.



BHAGYASHRI BELE
ROHINI MASKE

Seminars

E-VEHICLE TECHNOLOGY

Electric vehicle drives offer a number of advantages over conventional internal combustion engines, especially in terms of lower local emissions, higher energy efficiency, and decreased dependency upon oil. Yet there are significant barriers to the rapid adoption of electric cars, including the limitations of battery technology, high purchase costs, and the lack of recharging infrastructure. With intelligently controlled charging operations, the energy needs of potential electric vehicle fleets could be covered by existing German power plants without incurring large price fluctuations. Over the long term, electric vehicles could represent a sustainable technology path. In the short to mid-term, however, exceedingly optimistic expectations should be avoided, especially with respect to the reduction of greenhouse gas emissions. Electric vehicles as such will not be able to solve all current problems of transportation policy. Yet they may constitute an important component of a larger roadmap for sustainable transportation.

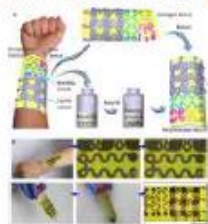


SAGAR S WADEKAR
POOJA S DESHMUKH

FLEXIBLE ELECTRONIC SKIN

Electronics plays a very important role in developing simple devices used for any purpose. In every field electronic equipments are required. The best achievement as well as future example of integrated electronics in medical field is artificial skin. It is ultrathin electronics device attaches to the skin like a sick on tattoo which can measure electrical activity of heart, brain waves and other vital signals. Artificial skin is skin grown in a laboratory. It can be used as skin replacement for people who have suffered skin trauma, such as severe burns or skin diseases, or robotic applications. The artificial skin (e-skin) to build a skin work similar to that of the human skin and also it is embedded with several sensations or the sense of touch acting on the skin.

This skin is already being stitched together. It consists of millions of embedded electronic measuring devices: thermostats, pressure gauges, pollution detectors, cameras, microphones, glucose sensors, EKGS and electronic holographs.



SONAL PATIL
SNEHALATA RATHOD
GAYATRI PATIL





आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास

आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

अभियंता विनामिती शैक्षणिक स्तर

अभियंता विनामिती शैक्षणिक स्तर. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

विश्वेश्वरच्या औद्योगिक, तांत्रिक संग्रहालयाला भेट

विश्वेश्वरच्या औद्योगिक, तांत्रिक संग्रहालयाला भेट. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

महा अंतर आरोग्यमाधेयीन आयटी क्षेत्रात कार्यरत पाच तरुणींची कामगिरी; नवीन कंपनीची स्थापना

नोकरदार तरुणी झाल्या कंपनीच्या मालक

महा अंतर आरोग्यमाधेयीन आयटी क्षेत्रात कार्यरत पाच तरुणींची कामगिरी; नवीन कंपनीची स्थापना. नोकरदार तरुणी झाल्या कंपनीच्या मालक.

Our Pride...

Our Pride... आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

आयसीम महाविद्यालयाचा सामंजस्य करार

आयसीम महाविद्यालयाचा सामंजस्य करार. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

आयसीममधे स्टार्टअप इंडियावर चर्चासत्र

आयसीममधे स्टार्टअप इंडियावर चर्चासत्र. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

आयसीम महाविद्यालयात पालक मेळावा

आयसीम महाविद्यालयात पालक मेळावा. आयसीम महाविद्यालयात माजी विद्यार्थ्यांचा रि कॉलिया मेळावा उल्लास.

Literature

कोणी गेलं म्हणून...

कोणी गेलं म्हणून आपण

आयुष्य धांकवून ठेवायचं नसतं...

जागायचा असतो प्रत्येक क्षण

उगाच श्वासाना लांबवून ठेवायचं नसतं...

आठवणीच्या घाटावरून

आपल्या स्वप्नापर्यंत पोहचायचं असतं..

आभाळापर्यंत पोहचता येत नसतं कधी

त्याला खाली खेचायचं असतं..

कस ही असतं आयुष्य आपलं

आयुष्य धांकून ठेवायचं नसतं..

दिवस तुझा नसेलही रात्र तुझी असेल

त्या रात्रीला नवं स्वप्न मागायचं असतं..

तुझ्याच वेळ्या श्वासाकडे

थोडं जमणं मागायचं असतं..

कोणी गेलं म्हणून....

प्रा.राहुल देशमुख

आयुष्याचे धडे गिरवताना..

रात्री कॉलनीतून जाताना कुत्रे खूप भुंकत असतात आपण दगड उचलला की ते आणखी जास्त भुंकायला लागतात त्या पेक्षा मी कानात हेडफोन घालतो फुल आवाज असला की मग कुत्र्यांचा आवाज येत नाही त्या नंतर कुत्रेही भुंकत नाहीत .

सांगायचा मुद्दा हा की एकंदरीत आयुष्यातही मी हाच फॉर्मूला वापरतो .

भुंकणाऱ्यांना भुंकूद्या आपण मस्त हेडफोन लावून पुढे चालायचं .

तुशार लबडे

आठवणीतलं कॉलेज..

Sweet_Secrets

३ वर्षांची हुरहुर अखेर संपणार..

मित्रासाठी तासं-तासं झुरणारं मन आता कायमच रुसणार...

"तू एकटाच आज ती नाही आली " असं बोलून रोज तिची नकळत आठवन करुण देणाऱ्या मित्रांची आता ताटातूट होणार...

"ही कोण रे..?? कोणतं डिपार्टमेंट..??

या प्रश्नाला आता कायमचा FULLSTOP लागणार...

मित्रांविना एक मिनिट भर पण न रमणारं मन आता एकाकी पडणार...

रोज रोज CANTEEN मध्ये "पार्टी साठी" नवीन नवीन कारणं शोधण्याची पद्धत ही संपणार...

खूप काही शिकवलं या मुलांनी आम्हाला ..

आता ही गँग आम्हाला कायमची पोरकी करुन जाणार...

ओमकार पाटील

स्त्री म्हणजे...

स्त्री म्हणजे निरंतर ऊर्जेचा प्रवाह...

स्त्री म्हणजे विधात्याचा सुंदर अविष्कार

स्त्री म्हणजे वात्सल्यमूर्ती

स्त्री म्हणजे ऊर्जा

स्त्री म्हणजे निगुतीन संसार करणारी...

स्त्री म्हणजे काबाडकष्ट करणारी

स्त्री म्हणजे व्यवधानानी जखडून गेलेली...

स्त्री म्हणजे त्याग प्रेम..

स्त्री म्हणजे अस्तित्वासाठी लढणारी...

स्त्री म्हणजे आम्हांना सामोरी जाणारी...

स्त्री म्हणजे तिमिराकडून तेजाकडे नेणारी...

स्त्री म्हणजे दुर्गा चामुण्डा सरस्वती....

स्त्री म्हणजे धावता प्रवास...

प्रा. श्वेता एस. शिंदे





GALLERY



Anjali Kawthe



Monica Jundhare



Maya Ingale



Rohit Prajapati



Pooja Deshmukh



Shubhangi Kasar



Shubhangi Kasar



Vijaya Rahane



Maya Ingale

निर्भर... एक ईश्वरदत्त देवकी
कल्पितश्याम स्वर्णं दक्षिण पुरतंगारी
आणि मातेसम सिद्धा त्रीवरूपी अणुवांचं
रक्षण करवारी निस्वार्थ निर्माही, मूर्खी
परिमळतेने स्वर्णा कुशीत ठेवारी...
तसे पाहिले तर निस्वार्थी व्हा लोभस
सुंदर अशोभे चंद्रप्रकाशातकाच रात्रीचा
लाभालस्य पसरत जाणारा अंधारदेखील
गोचरिगवा वाटते स्वतःच अस वेळक
अपित्व, अश्रेष्ठ वेळापण सिद्ध करणारा
अप्राकृत्येचे स्तनःचे झसे देखोपण असते
एवरीपेक्षा, गैरिमेचा घाट कासी द्यारस्य
नल्लोषांनी मंत्रमुग्ध पिठोरी
चंद्रांची रात्र, पावसाचे त्हाकन सिधालेखा
छत्रकीवच नमनस्य पसरलेले तिरवे गालिचे
व द्यार गीतल चंद्रप्रकाशाचे तिरकळे,
त्यात अनास्य वारीक काटा भाणवारी शड
गुलाची हवेची प्रवेर झुळुळ, गेमारीमान
नेतव्य संसप्तन घेट हदयाच्या तारा छेडत
मनमदिराच्या नाभात्याला स्वसमंच बनववारी
कल्पताच किती मोहक मज प्रत्यक्षात किरी सुखी

Anjali Kawthe

GATHERING PICTURES





GUEST LECTURES & ACHIEVEMENTS

Our Pride....

➤ Ms. Gavhane Priyanka

Completed BE E&TC in 2016-17 & Secured 3rd Rank in Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Placed in "Expert Global Solutions" through pool campus at ICEEM.

All the faculty members of Electronics department are experienced which makes teaching & learning very effective & efficient. Students get lots of exposure through the technical events, expert lectures, Industrial visits & workshops conducted in the department which boosts our confidence & skills.



➤ Ms. Varsha Deshpande

Founder member & Entrepreneur of "Modi Innovations Tech Center" & an R&D Engineer

ICEEM is different than others, where all the members are like a family. Faculties always encourage the students to fulfill their dreams & support them to be independent and unique by their own way.

"My E&TC" department taught me to work with dedication, discipline and confidence to accomplish the things which are out of my comfort zone. Thank you ICEEM for helping me to build my career.



➤ Ms. Madhura Dixit

I can say proudly that I am a student of ICEEM E&TC department as all the faculties are always supportive & rich in technical knowledge. Lot of extra-curricular activities such as cultural events, sports, technical competitions etc are always organized by the department, which help us in flourishing our interests.

Achievements

1. A poem Book Published "Madhur Muktavali "
2. Leading Actress in a Marathi web series "It's OK". Working on upcoming web series "Sid Ki Weed"
3. Performed multiple shows on radio (Akashvani and MGM FM)
4. Successfully hosted many commercial, casual and promotional events with brands like INOX, Reliance Trends, Hotel Lotus and many more.
5. Currently working as Content writer -blogger and social media handler in Singapore based firm Called Streamerium which has been working on block chain based products.





➤ **Ms. Sarika Sinha (as Engineer at Enthraltech).**

ICEEM offers so many different opportunities to students to explore their talents. Teaching culture of ICEEM is very rich. Faculty members of E&TC department are so experienced and co-operative that makes the learning environment more easy and friendly.



➤ **Mr. Akshay Pandhbar (as Engineer at SATTRIX).**

First of all thanks to ICEEM and my E&TC department, for all that valuable teachings and healthy environment where I can learn and be challenged. All this things are helping me lot in my social & Professional life. My college days are unforgettable best days in my life.



➤ **Mr. Suraj Divekar (as Engineer at Ellantra Automation).**

It's a place of knowledge & bliss. I feel special studying at ICEEM. My dream came true when I received Distinction in my Final year degree exam. My teachers gave me confidence & changed my attitude towards studies throughout four years of my college life.



➤ **Mr. Shubham Vyawahare (as Sales Engineer at Electronika).**

ICEEM and E&TC dept. has provided me a wonderful environment and opportunity to learn and grow myself academically as well as to secure a place in the corporate with its best teaching services. E&TC department provided lot of support to find a place in the corporate by organizing various personality development classes, guest lectures, Industry oriented training and bringing good companies to the college.



➤ **Mr. Krishna Giri & Mr. Akash Dhanayat (as Engineer at HATHWAY).**

Entering ICEEM is one of the best things to happen in our life, both on personal and professional front. It has inculcated a lot of intra and interpersonal skills which is one of my key learning by being part of the ICEEM and E&TC family.



➤ **Mr. Rakesh Kadam (as Engineer at Ellantra Automation).**

ICEEM & E&TC dept. is the best place where one can grow and develop the technical skills. I am really proud and honored to the part of ICEEM and E&TC dept.



DEPARTMENTAL ACTIVITIES REPORT (Academic Year 2017 - 2018)

❖ Technical Competitions / Expert Lectures / Events Organized by Department

Sr. no.	Title	Date	Chief/ Special Guests
1	Teachers' Day Function	05/09/17	1. Prof. Dilip Gour, Director, ICEEM 2. Prof. H.L.Jadhav, HOD 3. All Staff Members
2	Engineers' Day Visit at Dr. Vishweshwarraya Museum, Bangaluru	15/09/17	1. Prof. H.L.Jadhav, HOD 2. All Teaching Staff 3. All Departmental Students
3	4 th Inaugural Ceremony of IEC & Expert Lecture on "Embedded System and Startup India"	05/09/17	1. Mr. Abhijeet Chavan, Founder, CBROZ, Aurangabad 2. Prof. Dilip Gour, Director, ICEEM
5	An expert lecture on "Start-up India and opportunities in Electronics"	27/01/2018	Mr. Abhijeet Modi, Founder, Modi Innovation, Aurangabad
6	One day workshop on "PCB Design"	23/03/2018	Prof. H.L. Jadhav, HOD, ETC
9	A Expert Lecture on "Personality Development"	16/03/2018	Mr. K.M. Bindar
10	One Day Workshop on "Hands on Microcontroller, Arduino & Raspberry Pi3 Development Board"	10/04/2018	1. Prof. Rahul Deshmukh, ETC Dept, ICEEM 2. Prof. Rohit Patil, ETC Dept, ICEEM
11	An Expert lecture on "Interview Techniques"	16/04/2018	Prof. Janabi Kallyani, MBA, ICEEM
12	An Expert Talk on "Computer Networking"	24/04/2018	Prof. A. B. Hajgude, CSE, ICEEM.

Sr. No.	Date	Visited Industry / Institute / Place
1	18/08/17	Metalman Auto Pvt. Ltd, Waluj MIDC, Aurangabad
2	07/09/17	Endress+Hauser Instrumentation Automation Pvt. Ltd, Waluj, MIDC, Aurangabad
3	12/09/17	ACE Components, Maisore, Karnataka
4	14/09/17	Dodabetta Tea Factory and Museum, Ooty, Tamilnadu
5	02/02/2018	RUSACAST, Dr. BAMU, Aurangabad
6	02/02/2018	DDUKK Dr. BAMU, Aurangabad

❖ Paper Published by Faculty Members

Sr. No	Paper Title	Name of Faculty	Publication	Impact Factor	Month & Year
1	Real Time Hand Gesture Reorganization system and voice conversion system for Deaf and Dumb Person based on Image Processing, Vol. 2 Issue 9 ISSN No -2454-7875	Prof. Shweta Shinde	IJRPE	5.769	September 2016





❖ Events attended by Faculties / Students of Department (Organized by ICEEM)

Sr. No.	Title/Topic	Guest(s)/Expert(s)	Date
1	A Expert Lecture on "Introduction to Robotics and Mechatronics"	1. Mr. Ravindra Todewale, DGM, Forbes & Company Ltd, M.L.D.C., Chikalthana, Aurangabad. 2. Prof. Dilip Gour, Director, ICEEM	22/07/17
2	Teachers Day Function	1. Dr. Subhash Zanwar, 2. Mr. Dilip Sarda, 3. Mr. Ramsakant Pulkundwar	05/09/17
4	"Employability Enhancement Program " by Mahindra Pride School, Pune	1. Mr. Tarangreet Chahra 2. Trainer from Mahindra Pride School	15/01/18 to 15/02/18
5	One day workshop on "Research Opportunities & Drafting of Research Proposal"	Prof.M.D.Shirsat	25/01/2018
6	An Expert Lecture on "Advanced Mechatronics"	Mr.Suhus Gadekar ,HOD Mech Dept PROLIFIC,Pune	06/02/2018
7	An Expertlecture on "Recent trends in Hadoop Technology"	Mr.Aasem Quazi, Cloudlytics Solutions	16/03/2018
8	An Expertlecture on "Career opportunities and higher studies overseas"	Naseer Haider, Vishwasree Consultancy	20/03/208
9	An Expertlecture on "Turning Job seekers into job creators"	Rohan Ahire, Mentor, BYST	21/03/2018
10	ICEEM signed MOU with RUSA-CAST for Research & Developments in Electronics and with DDUKK for Skills development activities	1. Prof.Dr.M.D.Shirsat, Director,RUSA-CAST & DDUKK 2. Prof. Dilip Gour,Director 3. Prof.H.L.Jadhav,HOD ETC 4. All DeptHOD of ICEEM	28/03/2018
11	One Day Workshop on the Strategic Planning	Mr. Ajit Thete	07/04/2018
12	An Expert Lecture on "Opportunities in offshore projects & IT Industries"	Mr.Nitin Gugale	07/04/2018

❖ **Conferences/Workshops attended by Faculty Members:**

Sr. No	Title	Name of Faculty	Organized by	Month & Year
1	10th IEEE Conference on Computational Intelligence and Computing Research (ICCIC-2016)	Prof. Shweta Shinde	Agni College of Engineering, Chennai	14 th Dec to 16 th Dec 2016
2	State Level Two days' workshop on "Emerging trends in Next generation in Wireless Communication"	Prof. H. L. Jadhav	MIT, Alandi, Pune	16 th March to 17 th March 18
3	2nd IEEE International Conference on Inventive Systems and Control (ICISC'18) "A Comparative study of effective way to modify moving object in Image and Video using different inpainting methods"	Prof. H. L. Jadhav	JCT Institutions of Engineering & Polytechnics, Coimbatore	19th & 20th January 2018.
		Prof. A. J. Pawar		
4	2nd IEEE International Conference on Inventive Systems and Control (ICISC'18) "Spectrum Sensing in Cognitive Radio using Labview and NI USRP"	Prof. Ansar Ahmad	JCT Institutions of Engineering & Polytechnics, Coimbatore	19th & 20th January 2018.
		Prof. R. P. Paithane		
		Prof. A. J. Pawar		

COURSES

BRANCH

INTAKE

B.E. (Electronic & Telecommunications)	45
B.E. (Mechanical)	90
B.E. (Civil)	45
B.E. (Computer Science)	45
Master in Business Administration (MBA)	45





Aboli Waikos of BE E&TC 2017-18
Acting as leading Actress in the movie Pream Wel



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