



SVSMD's

SHRI. VATVRUKSHA SWAMI MAHARAJ DEVASTHAN'S

"KAI. KALYANRAO(BALASAHEB) INGALE POLYTECHNIC, AKKALKOT "

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Department of Computer Engineering



NEWS LETTER

A.Y. - 2019-20

About Department

Every long journey begins with a single step. Every year the department consolidates the gain of the previous year & sets new target to accelerate the process of enrichment & enhancement. Now this task has become a routine because of highly qualified & self-motivated faculty, the pillars of the department. Below mentioned is the mind blowing list of activities under taken by the department & completed successfully, off course with support of Principal and Management. The department works in a cohesive manner. All faculty members are proactive and students are always at the center. The industrial visits are organized for proper exposure by respective teachers. The faculty has also done the co-ordination of MSBTE Exams, Other Govt. exams, sports, and other college activities and department function.

VISION

“To provide quality Technical education for rural students in the field of Computer Engineering.”

MISSION

- To provide opportunities to promote technical skills in students through various activities.
- To create awareness in rural students on life - long learning in the field of computer engineering and encourages them for positive attitude and problem solving.
- To innovate the ideas for better computer domain experty.

Program Educational Objectives (PEOs)

- PEO1 - Ability to apply modern computing technology for the ethical and social aspects.
- PEO2 - Have a positive attitude towards lifelong learning and succeed in industry or higher education.
- PEO3 - To practice as computing professionals in designing, developing and maintaining projects in computer technical areas.

In This Issue

- Academic performance 2019-20
- Expert Lectures , Industrial Visits & Workshops
- Co & extra curricular activities
- Departmental events
- MOU & Faculty achievements
- Faculty publications
- Implant Training 2019-20
- Departments best projects for A.Y. 2019-20.

Academic performance

❖ Third Year:



Vaishnavi M. Yelure
(98.71%)



Aishwarya G. Narune
(96.24%)



Shweta S. Kanagi
(95.18%)

❖ Second Year:



Pooja B. Vhanzende
(95.07%)



Mahek A. Patel
(93.73%)



Vaishnavi D. Potdar
(92.40%)

❖ First Year:



Mitali N. Malwadkar
(96.50%)



Mahadev M. Yelure
(94.75%)



Shivraj M. Halgode
(93.13%)

Industrial Visit

To make this young generation aware about the market requirement and industrial needs, Industrial visit is of great significance. Our department organized Industrial visit to Tarun Bharat Printing Press, Solapur Science Center, My FM Radio Station Solapur for second year and third year students on 24/08/2019. Students Visited to different sections of Printing Press.



To make this young generation aware about the market requirement and industrial needs, Industrial visit is of great significance. Our department organized Industrial visit to Shree Vidya Info technology and Seed Infotech Solapur for second year and third year students on 31/01/2020.



Expert Lecture

Our Department organized expert lecture for second year & third year students on 9/09/2019. In this Expert lecture Mr. Katare Amol, Project Manager of Katare Informatics, Solapur guided to our students on “Current Trends In IT”.



Three Days Enterprenurship awareness Camp organized under EDP Cell on 20th to 22th sep 2019 for third year students.



Expert Name-Mr.Rohit Jadhav Topic Name- “First Step towards advanced Spa Web App Development” on 30/01/2020

Expert Name- Mr. Rampur S.M. Topic Name-
“VB.Net” on 1/02/2020



Guest Name- Mr. Shridhar Jeur Topic Name- “Role of
Computer Engineer in Software industry” on 8/02/2020



Guest Name- Mr. Chipade A.V. Topic Name-
“Interview Techniques” on 4/02/2020



Extra Co-Curricular Activities

Following activities organized & conducted by student under the guidance of faculty adviser/coordinator Miss. S.G Shiral and ACES President Mr.Surwase Y.C



Guru-Pournima Celebration



Fresher's Party & Teachers Day Celebration on 5/9/2019



Maharashtrian Day



Bangles Day



Friendship Day Celebration



**Sports- Our Department girls & Boys
Participated in different Sports
activity**



Traditional day on 29/02/2020

On the occasion of Nag-Panchami ACES organized Mehendi Competition on 5/08/2019



Departmental Events

- ❖ Our Third year student Ms.Yelure V.M participated in Essay Writing competition organized by Election Assembly on 25/01/2020 & got first prize.
- ❖ College Sports-Our students participated in different sports events & got prize.

Sr.No	Name of Students/Team	Sports Activity	Remark
1	Ms.Hannure A.M(TYCO)	Table tennis	Winner
2	Ms.Dhale N.B(TYCO)	Badminton	Winner
3	Ms.Tonage N.Y(TYCO)	Badminton	Runner
4	SYCO	Dodge Ball	Winner
5	TYCO	Kho-Kho	Winner
6	TYCO	Throw ball	Winner

Sr. No.	Name of Student	Event	Organizer	Prize/ Participation
1	Mr.Yelure Mahadev Mallinath	Quiz Competition College Level	SVSMD's KKI Polytechnic, Akkalkot	Winner
2	Mr.Salagare Varad	Online Quiz Competition	SVSMD'S KKI Polytechnic, Akkalkot	Winner



- ❖ Online Technical-Non Technical Quiz Competition organized by ACES for all department Students on 15/2/2020



- On the occasion of Engineers Day Technical Paper Presentation competition organized by ACES for all Department students.

MOU & Faculty achievements

During this academic year department has made three Memorandum of Understanding (MoU) with ,

- Katare Informatics, Solapur
- Shreevidya Infotechnologies, Solapur
- SGI Solution ,Solapur

Faculty Corner

Training & Workshops, Paper Publications

- 1) Lect. Shiral S.G has published paper on “A detail Survey on Predicting Stock Price Movement Based on Communication Network” in International Journal of Computer Application.
- 2) All department staff members are attended MSBTE online trainings related “I scheme” Curriculum development.
- 3) “Award of Excellence for contributing in teaching” award by bank of India (Solapur zone) to Mr.Pawar V.D.
- 4) Mr. Goden N.A & Ms. Shiral S.G attended 5 days MSBTE training on “Mobile application development using android” from 16/12/2019-20/12/2019.
- 5) All department staff members are attended MSBTE online trainings like emerging trends in computer engineering & case study based Teaching learning process & performance based assessments

Faculty Publications

Sr. No.	Paper Title	Author/Authors	Published in
1	Smart Bus Ticket System Using QR Code in Android	Mr.Goden N.A. Mr. Pawar V.D. Mr. Chougule V.V.	International Engineering Journal for Research & Development Volume 4 Issue 4
2	Online Cardiac E- Solution System	Mr.Pawar V.D.	International Engineering Journal for Research & Development Volume 2 Issue 3

Implant Training

- Dream Technology, Solapur.

Best Projects

“1. Phone Access without Internet”

Abstract

What with the advent of technology in our lives, we are unable to live without gadgets that have now become as important to us as our food or water. I mean, even imagining your life without your Smartphone is enough to give some us panic attacks-right? However, there are situations where we find ourselves badly in need of our beloved phone and to our horror we cannot seem to find it. Why? Because in an unfortunate moment you decided that the ringer was too loud for your taste and you switched it off. Or maybe you were about to go in a very important meeting and switching your phone to the vibration mode was a necessity – irritating your boss with the ringing phone is probably not the best course of action for your career. So now you have a phone somewhere but you cannot seem to locate it because the ringer is off.

This is a situation where we all find ourselves one time or the other and each time it happens to us we want some superhuman power to turn on the ringer of our phone. Well, what if I told you that it is possible. Not the superhuman part of course, but you can still get your phone to switch from silent or vibration mode to the ringer without even touching it. How nice it would be that you just have to borrow your colleague’s phone and the phone will do that task for you.

An Android app that allow users to perform various tasks on his or her phone ‘remotely’ from another phone through simple SMS commands. Getting excited, well hold on to your seats because the good news continues- the other phone through which you are sending the commands need not be running Android. Using this application user can control phone via SMS. This application will be helpful in our day-to-day life. Phone access without internet is an android project which makes you android mobile safe even it has been stolen or has been misplaced. It’s the system by which you can activate the various features of your android mobile through SMS. In order to activate the various features which will guide you to know the location of your mobile phone, you just have to send SMS to your mobile by any other mobile. Once the message will be received at your android mobile, all the features to identify your mobile phone will be activated automatically.

Implemented by,
Miss.Yelure V.M.
Miss.Hannure A.M.
Under the Guidance of,
Prof. Chougule V.V
Dept. of Computer engineering.

“2. IOT Based Alarm System”

Abstract

Now a day college bells are operated manually. It replaces the manual switching of the Bell in the College. This project is to implement IOT Based Automatic Alarm system takes over the task of ringing the bell at predetermined time. It saves manpower, time and ultimately money and also gives highest accuracy. The main components of this system are WIFI module, servo motor, and bell.

When this time equals to the Bell Ringing time, then the Relay for the Bell is switched on. The Bell Ringing time can be edited at any Time, so that it can be used at Normal Class Timings as well as Exam Times. Required power supply is given through power supply unit. Adriano keeps control on function of system. The main aim of this project is to implement IOT Based Automatic Alarm system using Adriano UNO. The main task of this system is to ring the bell at predetermined time with accuracy and without any human intervention.

Implemented by,
Miss. Narune A.G.
Miss. Kanagi S.S
Under the Guidance of,
Prof. Pawar V.D
Dept. of Computer engineering.

“3.Barcode Based Admission and Attendance System”

Abstract

Student attendance play significant role in order to justify academic outcome of a student and college as overall. Unfortunately, there is no automated attendance record keeping application available in colleges. There is a need for a tool to systematically keep the students attendance record due to increasing number of college students. The project that we are going to make is to help the teachers in our college to avoid maintaining the registry book. This project uses a barcode scanner uses Barcode scanner to take the attendance of students entering the lab. Each student's ID card will have a barcode at the back side of it. This barcode contains unique data of the student such as roll number, branch and year. Etc. Student will scan their barcode at the end so that the student can't cheat. The display screen will show the attendance of the particular student after scanning his/her barcode. Teachers and administrator will only have access to the system with their respective login ID's and passwords. General Terms Barcode Scanner, ID card

The system designed in a way that can differentiate the hours of theoretical and practical lessons since the rate of them is different for calculating the Different presentation of information is obtainable from the system. The test case of the system exposed that the system is working enormously and is ready to use to manage to attend students for any department of the University.

Implemented by,
Miss.Tonge N.Y.
Miss.Dhale N.B.
Under the Guidance of,
Prof. Shiral S.G
Dept. of Computer Engineering