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Ashokarao Mane Polytechnic Vathar

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Explorica

Newsletter 2019-2020

Department of Computer Engineering

Principal's Desk



Prof. Mr. Y.R.Gurav

It is a great pleasure for me to welcome you at **Ashokrao Mane Polytechnic,Vathar** college has very dynamic and competitive educational environment, college process of providing quality education and re-position itself to meet the challenges. Meeting and measuring up to the emerging challenges is the prime function of today's students. To do this, it requires keep perfection, flexibility and the ability to merge theories into action plans. We believe in providing students with hands-on training that will further development of their technical skills with soft skills. We believe in giving our students the competitive advantage in the business world, by encouraging them to be inquisitive and make informed choices. Apart from the prescribed curriculum by the MSBTE, our college structures customized special programs based on specific requirements of the industry with a focus on priorities. Periodic quality audits are conducted to ensure effective teaching, class room management, efficient documentation and judicious review of teaching learning process. **Ashokrao Mane Group of Institutions** is committed to play a key role in creating an ambience for nurturing the leaders of tomorrow. In doing so, we hope to make significant contributions to the development of the country and improvement in the quality of life of its citizens .I welcome you to explore our College as we commit ourselves to reach even greater heights.

HOD's Desk



Mr. S. A. Lakade

"We feel very fortunate to have someone of him credentials & background leading our teaching & learning department."

This newsletter has been named to pay tribute to his contribution to the field of Science & Engineering. This newsletter is an attempt to show case the department profile and its technical and non-technical activities for overall growth of students. It is an attempt

To encourage both faculty and students to publish their technical work and share information about their extra-curricular activities. I thank our Principal and the management for helping and guiding me in bringing out this newsletter. I also thank my students and colleagues for their help and support during this work. “The best leader is the one who has sense enough to pick good men to do what he wants done, and the self-restraint to keep from meddling with them while they do it.” Department is committed to fulfill vision and follow the mission for same.

We are now ready for National Board Accreditation (NBA).

I am wishing a best luck to all my students and my faculty members to their bright career, and thanking for their efforts towards department and institute.

VISION:

To be well recognized department in technology to meet the growing needs of the industry and society.

MISSION:

- Imparting quality education through a well-designed curriculum which improves basic and disciplinary knowledge of the subject.
- To train the students to design, develop and test world class software systems.
- To inculcate the spirit of analysis, teamwork, innovation and professionalism among the students.
- To train students with hand and soft skills for their future jobs, higher studies and to be an entrepreneur.

Editor’s Desk



Ms. S.A.Patil

It gives me an immense pleasure to release this News Letter for Department of Computer Engineering year 2019-2020 It’s an honor for me to highlight the achievement of department.

Student’s Speak

In any College Principal, Management Team, HOD, Faculty and Students are Pillars to develop it and achieve goals so some Experience and Views by Students.

Student Name: Mayuri Mali (TYCO)

I am Mayuri Pundalik Mali, entering college, I assumed that my professors were teachers who would pour their vast knowledge and understanding into me, an eager and willing pupil. I entered with expectations of challenging, thought altering course work and stimulating lectures. I envisioned understanding things I could never grasp

before. It was not that I was excited just by the idea of learning new information; I was excited also to be taught by experts.

I am blessed for being a student of Ashokrao Mane Polytechnic because the values, thoughts, all's motivational, support that I have got is due to which I will be at great success tomorrow and will be completing my dreams. Proud to be student of Ashokrao Mane Polytechnic.

-Miss.Mayuri Mali(TYCO)

Student Name: Neha Talekar (TYCO)

I am fortunate to get an opportunity to study at AMPV. The college has experienced talented faculty, well ventilated classrooms, spacious labs and library. The right atmosphere is created by the teachers in the classroom. They try very hard to mould our personality. Thanks to my College

The journey of my college is really incredible. It has excellent teaching faculty, well equipped labs, classrooms, library and sports room etc. Especially students get free expert lecturers which are going to help all of us in our future. In total it aims at all around development of students.

I would like to thank our beloved HOD, all the lecturers and also non-teaching staff of our civil department who have been my strength and support. All my friends and lecturers have contributed to my success in academics. I have started to learn what life means in the Three years of my engineering.

Miss. Neha Talekar (TYCO)

Student Name: Shravani Jagdale

After my completion school , I was confused about which college to choose for my future education. Since it was my childhood dream to join into engineering stream, I was in search of a good engineering college in Vathar . Today, I am very grateful that I was a part of AMPV , where my dreams were fulfilled. This college provides standard technical education for the students who come across from different places.

Our HOD and teachers guided us, supported us, inspite of all the mischief we did and they stood with us for each and every step, decision we took in leading us in right way. There are many co-curricular activities, events, fest etc.

The journey of my college is really excellent . It has excellent teaching faculty, well equipped labs, classrooms, library and sports room etc. Especially science students get free CET coaching by expert lecturers which is going to help all of us in our future. In total it aims at all around development of students.

Miss.Shravani Jagdale

OUR TOPPERS

Third Year Toppers

1)Miss. Mali Mayuri P. (95.11%)

2) Miss. Jangam Vaibhavi B. (91.33%)

3) Miss. Sutar Akansha R.(88.56%)

Second Year Toppers

1)Miss. Attar Naaz A.(88.67%)

2)Miss. Pawar Vaibhavi V.(87.60%)

3)Miss. Patil Apurva S.(87.07%)

Events Organized

"PERSONALITY DEVELOPMENT LECTURE"

Department of computer Engineering organizes different events for overall growth of students some of technical and some of non-technical events, these events helps student for all round personality development.



Computer Department with Guest



Felicitation of Guest by Faculty Mr.Barawade sir



Students Attending Guest Lecture

On The occasion of **national youth day (Swami Vivekand Jayanti)** Department of computer engineering organize personality development lecture on 14th Jan 2020 from 11:00am to 12:00pm for Second year and Third Year Computer department students

Function start with felicitation of guest by HOD sir and Faculty members.

Expert Mr.Shrikant Khatake Started lecture on youth Empowerment ,social work, How to develop Career, among the all points they are share their own experience and swami vivekanand stories and thoughts which motivate and inspire youth always to develop life and personality

This Personality development lecture successfully completed vote of thanks by Mr. D.S.Barawade Sir

“TECHNICAL LECTURE ON AWS AND IOT”



Falicitation of Expert by HOD Mr. Lakade sir

In Department of computer engineering for students technical knowledge increment we arranged the Technical Expert Lecture on **Internet of Things (IOT) and Amazon Web Services(AWS)**0n 23Jan 2020 form 11:00am to 01:00pm

Technical Expert lecture started with felicitation of experts Mr.Sagar Tondale and Ms.Maya Patil by Head of department Mr.S.A.Lakade sir

Expert lecture is mainly concentrated on cloud system, types of cloud and all other things related to the cloud computing also Concept of internet of things. They gave one demonstration on Amazon could for Temporary operating system access overall lecture and demonstration is very useful for students technical knowledge increment and to know career opportunity for cloud computing and IOT.

This technical expert lecture successfully completed with vote of thanks by Head of Department Mr.S.A.Lakade Sir.



Expert Deliver Lecture to students



Students Attending Expert Lecture

“Technical and Non-Technical Event EXPLORICA 2K20”



Inauguration of Lab by Principal
Prof. Mr. Y.R.Gurav sir



Inauguration of Lab by Guest Mr. Vishwas Khade sir



Participant for Debugging Skills



Guidance speech by HOD sir

We department of Computer organize the Explorica 2K20 technical and Non technical event with association in COMPESA with the permission of principal Prof.Y.R.Gurav sir on 29th January 2020 at 10:00am in computer engineering department Event started with Inauguration Labs by Principle sir and Guest.

Technical event for **Explorica 2k20** was **"Debugging skills"** based on C programming error finding 67 student Registered for debugging skill ,they got 30 minutes for six C program error finding at the end of 1st round we got 10 finalist then 2nd round started ,in second round contestants got 15 minutes for two C programs after Two rounds we got Runner up Vaibhavi Vishwanath Pawar (Second year computer Engineering) and winner Utkarsh Rajendra Patil (First year computer engineering)

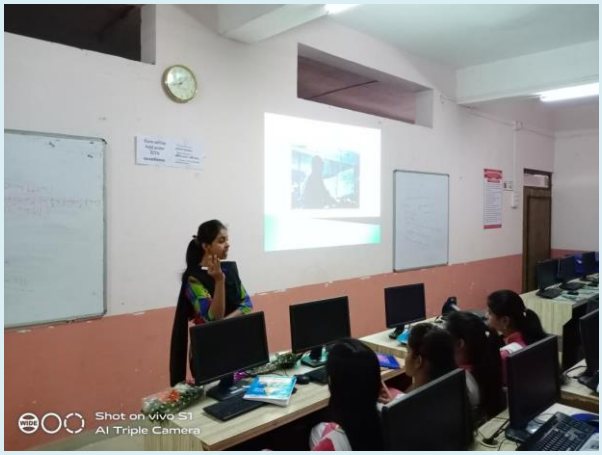
Non technical event for Explorica 2k20 was **Tik Tok** having topic **"My college my pride"** 50 students are participated for this tik tok event with very creative, Motivational and remarkable tik-tok videos related to college. All the videos properly judged by event coordinator and our guest / judge Mr.Vishwas khade sir as per judgement finally among them got runner up Nihal Isak Pinjari (Civil engineering Third year) and winner Digmbar Dilip Sutar (Mechanical engineering second year)

This entire program was very well executed with association in COMPESA. At the end of event we organize the prize distribution program at first photo poojan is done by principal Prof.Y.R.Gurav sir, guest Mr.Vishwas khade , Head of department Prof.S.A.Lakade and event coordinator Mr.D.S.Barawade sir . After photo poojan Prize distribution function was their then all the dignitaries addressed students by their valuable words.

All teaching and non teaching staff members, COMPESA team, second year and

Third year students, participant, volunteers, Events coordinator, HOD sir take efforts to make event successfully complete. Ms.S.Y. Aparath give the vote of thanks behalf of computer department.

"TECHNICAL EXPERT LECTURE ON ETHICAL HACKING"



Expert Delivers Lecture



Students attending Expert Lecture

We department of Computer Engineering conducted the technical on **Ethical Hacking** on 30th Jan 2020 from 11:15am to 1:15pm Expert lecture started with felicitation of experts Ms.Sonal Pathare and Ms.Sneha Dhole(Jetking Learning Center ,Kolhapur)by HOD Mr.S.A.Lakade and faculty Mr.O.A.Terdalkar.

Expert Lecture conducted on all basic information of Ethical hacking, Types of hacking and related guidance about scope for career in Ethical Hacking field. After lecture completion function successfully completed with vote of thanks by Mr.O.A.Terdalkar.

"PARENTS MEET"



Inauguration of Parents meet by Principal Prof.Mr. Y.R.Gurav Sir



Image 10: Student Process analysis by HOD Mr.Lakade sir and Mr.Terdalkar sir

As per MSBTE's directions and with the permission of Principal Prof.Y.R.Gurav sir we, department of computer engineering conducted parents meet on 18th Feb 2020 at 10.30pm.

All second year and third year students with their parents/guardians were present for the meet. The purpose of meeting

was to discuss different suggestions from parents and to discuss regarding academic progress of students.

The parents meet function was started with pray to goddess Sarswati and lighting the lamps by guest after that felicitation of guest Head of department Mr. S. A. Lakade sir felicitated Principal Prof. Y.R.Gurav by offering him flower bouquet.HOD also felicitation Principal of ITI Prof.P. T. Hasbe sir then all department HOD's Felicitated by staff member of computer engineering department and guest. Guest there is also parents representative Mr.B.G.Karawade sir and Sngeeta Mangalekar madam.

Around 50 parents were present for meet they arises various issues like Result improvement, extra classes for backlog subject, campus placement, career guidance which was successfully answered by principal and HOD. Departmental rankers were felicitated with certificate and gift by student association with hands of principal ,HOD and Parents representative during the meet.

After that principle sir's guidance for students career and higher education then HOD sir gave information related to students academic study and behavior. Also parents representative appreciate efforts of computer department towards the students improvement

All teaching and non-teaching staff members, students of Second year and Third year with their parents were present for the meeting and discussed about students improvement. Class coordinators of Third year Mr. D. S. Barawade, class coordinator of Second year Mr. O. A. Terdalkar had taken initiative for successful completion of meeting.

This meeting was successfully completed with votes of thanks by HOD Mr. S. A. Lakade.

"INDUSTRIAL VISIT"



Industrial visit Siga System Pune



Students take information related Siga system, Pune

An Industrial visit to "SiGa systems Pvt Ltd", Pune, was organized by the Computer Engineering Department of Ashokrao Mane Polytechnic Vathar tarf Vadgaon, Kolhapur on **20th February 2020**. All the students with Department faculty members are visited to **Siga systems Pvt Ltd**, Pune to interact with Software industry to understand the current market scenario, latest most demanded

technologies and campus selection crireria for diploma students.

In the morning at 11:30 am we visited to **SIGA Systems Pvt Ltd**, Pune . We divided our students into the 20 students per batch for visit and the interaction with the industry person Mr. Krantisingh Patil, CEO of the **SIGA Systems Pvt Ltd** conducted very informative session for the students. He also guided the students to select the areas like web development, mobile application development and software testing etc. and its importance in the current market. Finally he gave brief information about the **Siga systems Pvt Ltd**. Finally we lift the premises at 02.30pm. It was an informative, interesting and a successful visit. As a Student of Computer Engineering they understand a live software applications and importance of technology selection. We express the thanks to the head of company and all the team members of **SiGa Systems Pvt Ltd** Pune, who spend their valuable time for us. We also thank to our respected Principal Prof .Y.R.Gurav who motivate us to arrange such an informative program. We also thanks to our HOD Mr.S.A.Lakade for their guidance fo arranging this type of industrial visit. Lately we request you to arrange more industrial visit in the future for the students which will be helpful for the students and help to train our students.

"MARATHI RAJBHASHA DIN"

Department of computer engineering celebrated **Marathi Rajbhasha din** on 27 February 2020 at 11.30am in computer department with the permission of principal prof.Y.R.Gurav sir.

All second year and third year students and COMPESA are arranged all the function on the occasion on Vi.Va.Shirvadakar (Kusumagraj) Birth anniversary. Function was started with pray to goddess Sarswati and photo poojan of kusumagraj after that felicitation of guest Mr.D.S.Barawade sir felicitated principal Prof.Y.R.Gurav sir and Librarian Mr.S.S.Saswade sir by offering them flower bouquet.

Function anchoring done by third year computer student Ms.S.R.Shirke, she gave the information about kusumagraj and poems reading of Vi.Va.Shirwadkar, then Ms.A.R.Sutar Third Year student shared her views about Marathi bhasha at the end of function lecturer Ms.S.A.Patil gave vote of thanks.

The function successfully done with the help of teaching and Non teaching staff ,HOD sir,all second year and third year computer students and COMPESA.



Photopujan by Principal Prof.Mr.Y.R.Gurav sir



Marathi Rajbhasha Din Celebration

Achievements of faculty and Students

Students Achievements:



Third Year Computer student Mayuri Mali secured 1st rank in Paper Presentation Competition held at Institute of technology Palus,Sangli on 15th Feb. 2020



Third Year Computer students Ritu Badi,Mijba Bagwan,Sadhvi Pawar secured 1st rank in Project Presentation competation held at Ashokrao Mane Group of Institution Vathar on 7th March 2020

Faculty Achievement:
Miss.S.A.Patil

Paper Publish at International Journal(IJSRD)

Paper Name: Survey on an Effective Attribute Mining for larger Dataset using Neural Network

Best Practices in the Institution

Ashokrao Mane Polytechnic always encourage students for all around development we organize event for give platform student to their talent like sports, culture activity and other curriculum and extra curricula activity.



Sports day organize by college



Computer Department Students got Prize in Pathnatya

Placement for Students:
Ashokrao Mane Polytechnic,Vathar training and Placement Cell connected to multiple companies and every year place the students at various companies

Placemet of Computer Departmet Students Year2019-2020

1)Archana Sutar (Mphasis Pvt.Ltd,Pune)

2)Ritu Badi (Mphasis Pvt.Ltd,Pune)

MOU's signed with Industry

MOU's Signed with Industry from Computer Department for Purpose of Expert Technical Lectures, Workshop, Industrial Visit ,Implant Training

1) Jetking Learning Institute Pvt Ltd Kolhapur
2) Vishwanet Computers, Pvt. Ltd. Kolhapur
3)Mindwings Software Pvt, Ltd, Kolhapur
4) Domain Computer Education, Kolhapur

Expert industry lectures

Expert Industry Lecture on IOT and AWS by Mr. Sagar Thondale and Miss. Maya Patil

Expert lecture is mainly concentrated on cloud system, types of cloud and all other things related to the cloud computing also Concept of internet of things. They gave one demonstration on Amazon could for Temporary operating system access overall lecture and demonstration is very useful for students technical knowledge increment and to know career opportunity for cloud computing and IOT.

Expert Lecture on Ethical Hacking by Miss.Sonal Pathare and Miss.Sneha Dhole (Jetking Learning Center,Kolhapur)

Expert Lecture conducted on all basic information of Ethical hacking, Types of hacking and related guidance about scope for career in Ethical Hacking field.

Latest Technical Innovation

Our Third Year students done this Project which is technical strong and innovative

Students Name:

JANGAM VAIBHAVI B.

SUTAR AKANKSHA R.

NAIK VISHWAJIT P.

Guided by: MS. V.C. DESHMUKH

"TRUSTWORTHY FOREST FIRE DETECTION SYSTEM USING IOT"

It has been found in a survey that 80% losses caused due to fire would have been kept away from if the fire was identified promptly. Raspberry pi platform based IoT enabled fire detector and monitoring system is the solution to this problem. In this project, we have built fire detector using Raspberry pi which is interfaced with a temperature sensor, a smoke sensor and raspberry pi camera. The temperature sensor senses the heat and smoke sensor senses any smoke generated due to burning or fire and raspberry camera captures the video of fire. Whenever fire triggered, it burns objects nearby and produces smoke and temperature also increased so then both of this sensor get activated and then the alert message is given as the output. This system detect the fire early and with more accuracy.

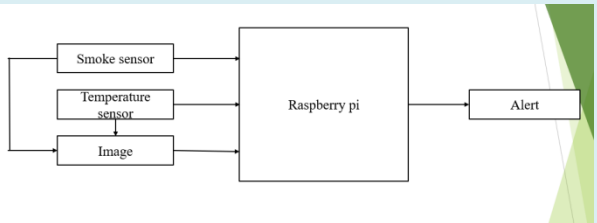


Fig: Fire detection System

Success Story of Diploma Holder

First of all I am very thankful for giving me opportunity to share story of my journey from one ordinary diploma student to Interneuron. I started my journey in this college as a computer engineering student. I joined this college with lots of confusions in mind, but as the days passed I felt my decision in selecting this college was the best thing i did. I found the best people of my life which made many memories, taught many lessons, to realize the comparison between good and bad. In between diploma study I decided that to be a entrepreneur rather than employee after passing from diploma college on year 2018 I had started by own small scale hardware business by the knowledge which I studied in diploma from my teachers and hopefully I will reach my all the goals.

Thanks to Principal sir,HOD sir ,Teaching and non Teaching staff for encouraging always.

Mr. Manoj Chavan

(Alumni ,AMPV)

Newsletter Feedback

Student Name: Miss.Susmita Shirke

We have great Experience with Ashokrao Mane Polytechnic Vathar . Management organizes many programs and competition like Industrial Visit, Explorica 2K20 for students participation . Also the guest lectures are arranged by the management for students Extra Knowledge. We can study as well as we can enjoy our Lectures and Practical in very positive way.

Newsletter covers all the events, competition in 2019-2020 academic year January 2020 to March 2020.

-Miss. Susmita Shirke

Student Name: Miss. Akansha Sutar

It is great pleaure to be part of Ashokrao Mane Ploytecnic,Vathar,Very Competative but healthy environment for student want multiple Events organize for students development.

Newsletter is very good concept to get overall idea about department events and all arranged things.This shows that students and teachers gave efforts to developing students future the scope for students other skills as well as academics.

-Miss. Akansha Sutar