An autonomous institute of Maharashtra

GOVERNMENT POLYTECHNIC, KOLHAPUR

INFORMATION TECHNOLOGY DEPARTMENT
E-NEWS LETTER
VOL. 1

Government Polytechnic, Kolhapur was established in 1961 with Civil Engineering and Mechanical Engineering Diploma Programmes. Started in a small rented building, the Institute was soon shifted to its independent campus of about 12 hectors covering academic building and hostels.

Institute has the privilege of being the First Academically Autonomous Government Polytechnic in the state. At present, the Institute offers Diploma programmes in Civil Engineering, Mechanical Engineering, Electrical Engineering, Industrial Electronics, Electronics and Telecommunication, Information Technology, Metallurgy, Sugar Manufacturing.

The Being rich with faculty of high qualifications, modernized

laboratories and infrastructure, the Institute has progressed serving the industry and society. The alumni either proceed for higher education or get employed in renowned industries through regular campus interviews organized by the Training and Placement Cell of the Institute.

As a National level appreciation of education of the Institute, four programmes were awarded 3 years accreditation by National Board of Accreditation (NBA), New Delhi in December 2003. Committed to the noble mission of developing technicians of high standards of excellence, the Institute is crossing broader and newer horizons of progress keeping pace with the changing global world.

Vision of Institute:

- Institute of high recognition developing competent technicians for quality services or entrepreneurship to cater the needs of industry and society.

Mission of Institute:

- To educate and train in multi-disciplinary multi-level programmers to develop technicians and skilled manpower having global competency
- To ensure employability, encourage entrepreneurship, promote lifelong learning
- To inculcate in the students the qualities of a good citizen at individual, social and professional level
- To provide quality management system with focus on effective student-centric education
- To utilize faculty expertise and Institute infrastructure to render quality

INFORMATION TECHNOLOGY DEPARTMENT

Information Technology is the fifth department of Government Polytechnic Kolhapur. The department is on the second floor of the new building in the college. IT department has various amenities like clean washrooms, drinking water booth, laboratories with proper equipment, conference hall, staff rooms, classrooms with spacious sitting arrangement and ample of sunlight. IT department builds and implements sophisticated solutions that can profoundly impact the success of an organization — and they are increasingly doing it with a product management mindset. Students can gain practical knowledge along with theoretical knowledge for the bright future.

"In God we trust, rest we code it!!"

Vision of Department:

- Program with high recognition catering needs of Information Technology industry in tune with the nation's mission for digital India.

Mission of Department:

- To pursue excellence in areas of Information Technology keeping pace with the latest developments.

- To educate and train students to design, develop and test software systems.

- To develop the spirit of team work, innovation and professionalism.

- To cultivate attitude of lifelong learning.

"Science is about knowing Engineering is about doing"

Dr. D.M. Garge
Principal, Government Polytechnic Kolhapur.

Smt. S.A Nadgeri
HOD, Information Technology Department

Smt. P.V. Kole Patil
Lecturer, IT DEPT

Shri. M. B.
Lecturer, IT DEPT

Smt. M. S. Arade Chavan
Lecturer, IT DEPT

Shri. K. A.
Lecturer, IT DEPT

Smt. A. Gaikwad
Lecturer, IT DEPT

EVENTS CONDUCTED BY FACULTY:

Swacchata abhiyaan carried out by the entire faculty:

Besides giving the education to the students our staff has been always working on other activities related to department. Swacchata abhiyaan is one of the highlights of their work

STAFF TRAINIGN WORKSHOP:

The staff training has been always a priority to the department.

Information Technology Student Association (ITSA)

About ITSA Information technology students Association is a committee formed by the students of the IT department. It is coordinated with one of the teachers of IT department. It conducts events, various activities, and drives annually. It is a committee for enhancing the co-curricular activities for students and get to have fun along with the knowledge. It helps and builds a friendly environment in the department. Students can be volunteers and help in conducting activities. There's voting held by SY and TY class for the posts of president and vice president.

Organizing activities, conducting events help in developing practical knowledge and stage daring, which is one of the important aspects of professional life. ITSA not just helps with the public activities, but also internal work or looks after needs of students of IT department

Prof. Shri. M. B. Patil
ITSA co-ordinator

Sufiya Mulla

Ashwin Kulkarni

Events carried out by ITSA

When the students were attending online classes ITSA was ready to step into online events. We carried out all the events that were possible in that situation. All students, the staff and the guest joining us were all set to do it online.

The online platform helped the students to study online and also to develop the different skills of communication, confidence, and literacy over different topics. This was a chance for all students to participate in ITSA events from far away, so the students that were living in other cities were also volunteers for the same. Taking interviews of prestigious personalities, arranging online seminar on technical topics where all students can gain information o what is going on into the current market and technological world, to arrange different workshops based on students' needs by arranging experts of that field to give a little workshop for students, to take part into digital literacy campaign and make cyber security awareness videos and posters. All students took participation in the online events carried out.

1)Online interviews

1.Expert interview of Abhijeet Gatade Sir:

Expert interview of Abhijeet Gatade Sir was conducted by Shruti Pote and Prerna Shete under ITSA committee through online mode. In that interview sir talked about his educational and professional life. He gave us a brief idea about the challenges which we will be facing in future.

Abhijeet Gatade Sir is a Marathi entrepreneur and trainer who trains students in area of website development, application development, data science and engineering.
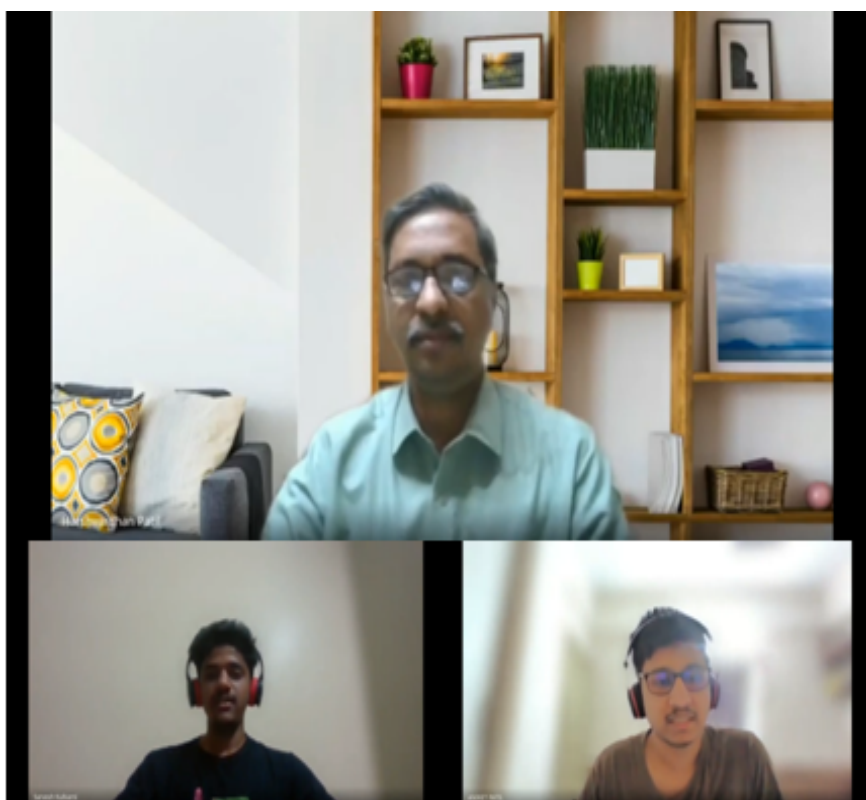
This interview is published on official

YouTube channel of ITSA committee
You can view the video on the following link ;
https://www.youtube.com/watch?v=cyT1ULv_m8w

2.Exper interview of Dr.Sangram Patil Sir :

Expert interview conducted by Sarvesh Kulkarni and Aniket Patil under ITSA committee through online mode. In that interview He guides the students about Future challenges and opportunities in educational life. He utilized his best knowledge for the students which will help the students which will help the students to get a good job in IT field.
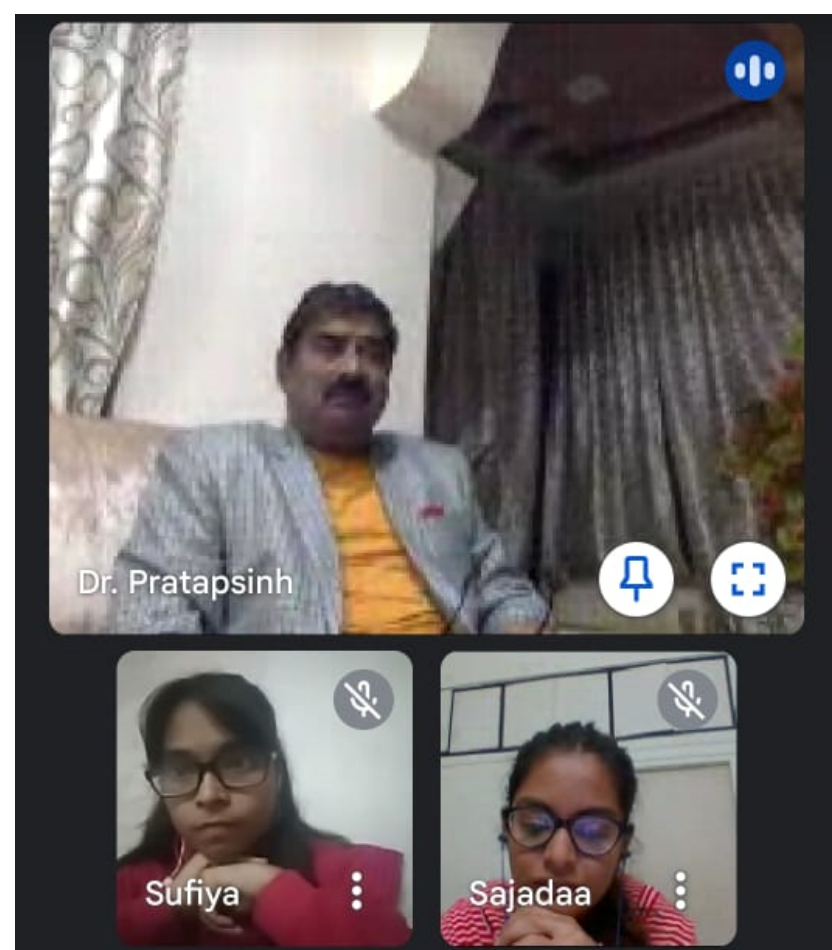

Dr.Sangram Patil sir completed Phd in Computer Science Engineering. He is the IBM Certified data science awarded as Microsoft certified Trainer, awarded as Microsoft certified Application Developer. He also published his book which helps students to learn programming.
This interview is published on official youtube channel of ITSA committee.
You can view the video on the following link ;
https://youtu.be/sLKdDs-wqD4

3.Expert interview of Dr.Pratapsinh Desai Sir :

Expert interview conducted by Sajadaa Shah and Sufiya Mulla through online mode. In that interview sir guided students about being positive towards studies.
He is the youngest President of ISE New Delhi. He completed his M.Tech in Mechanical Engineering.He completed Masters in Business Administration. Now he is working on Design and Development of Framework. He also active in Social Activities. He inspired students by his

unbelievable work.

This interview is published on official youtube channel of ITSA committee.

You can view the video on the following link ;

https://youtu.be/f5kg21oKlNQ
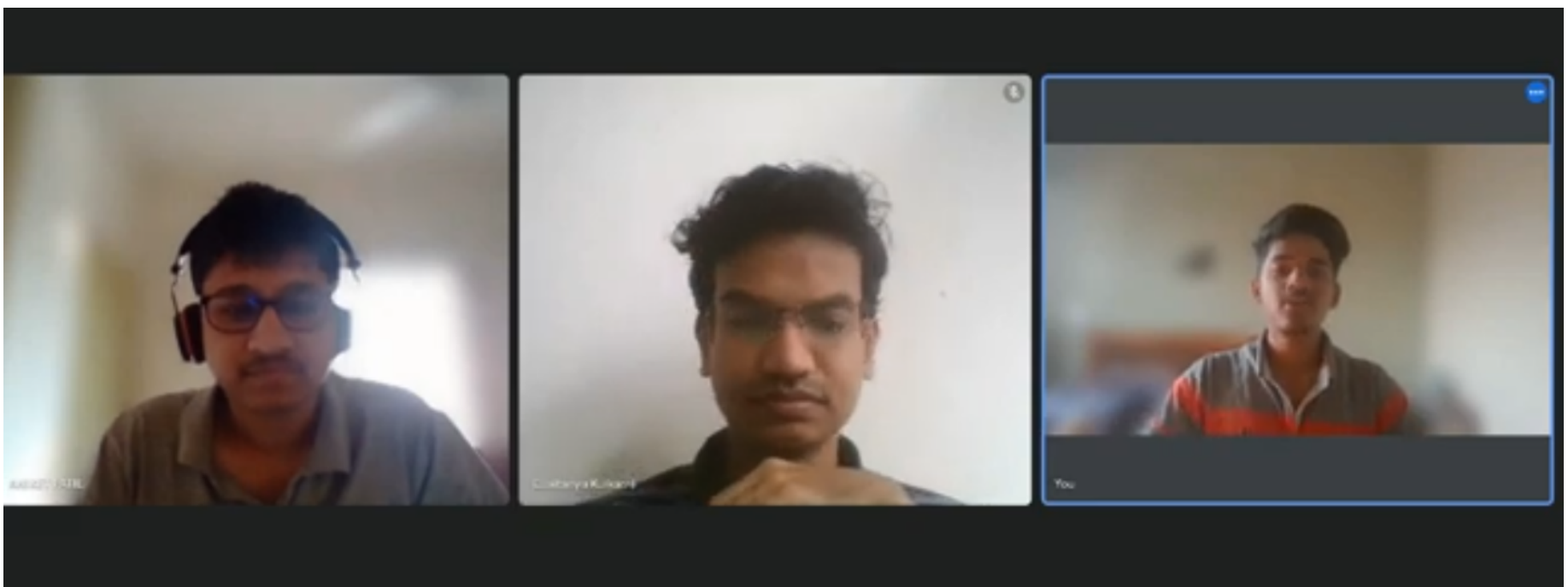
4.Expert interview of Chaitanya Kulkarni Sir :

Expert interview conducted by Sarvesh Kulkarni and Aniket Patil.

He is student of Computer Science. He also studied in brief about AI and Machine learning. He completed internship in Auamo,Dell.

In the interview he told about his educational experience and share his knowledge of AI and Machine Learning which is very helpful for all of us for our bright future.
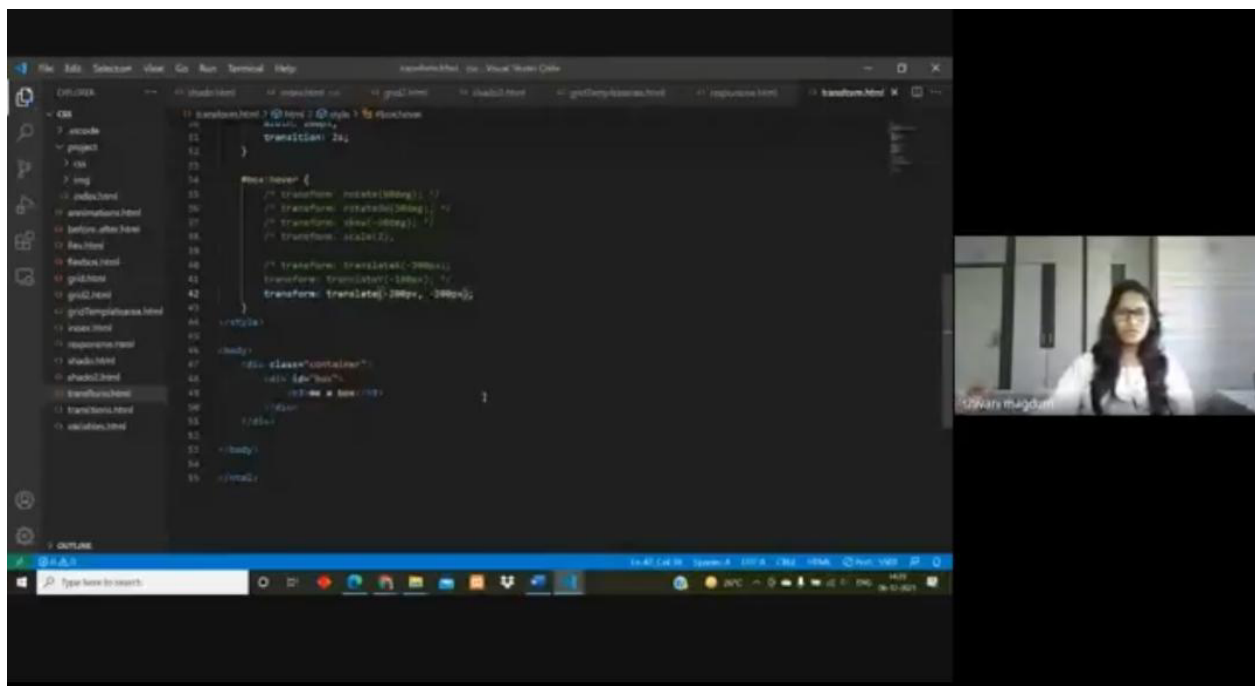
This interview is published on official youtube channel of ITSA committee

You can view the video on the following link ;

https://youtu.be/WwnVsYB_gQc

2)ONLINE WORKSHOPS

Workshop on bootstrap conducted by Miss. Shivani Magdum

In our day-to-day life every one of us would have visited and operated many websites like google, gmail,etc but

do you know how they are made Actually there is language which is called as HTML -Hypertext markup language which is used to create websites.

Miss Shivani Magdum has taken a great workshop on bootstrap.She explained all the things from scratch.She took the workshop very interactively and by trying to understanding the knowledge students are gaining.

Miss Shivani Magdum is a former student of IT dept Goverment polytechnic kolhapur.Students of It department have learned and enjoyed the workshop a lot.

Some of the topics which she covered in the workshop are:

1. Basic HTML and HTML5
2. Basic CSS.
3. Responsive Webpages
4. CSS flexbox
5. CSS grid

3)Seminar presentation:

Now a days the field information technology is increasing day by day. A seminar presentation is a short informative talk by which is a result of students researches into a topic within the course.

The reason behind the seminar presentation is developing students in various ways as:

➢ To develop higher cognitive ability

➢ To develop the ability of responding

➢To developing the ability of keen observation of the current technology.