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AISSMS



POLYTECHNIC

"Center Of Academic Excellence"

VOLUME 5, ISSUE 9

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-:VISION:-

"To be a fountain head of quality Education by empowering students with necessary Knowledge and skills."

-:MISSION:-

- * To impart the quality education to the students to serve society and nation.
- * To enable the students to gain life long learning skills and to pursue higher education..

About Department

. We started our journey in the year of 2004. Over years, shelter, water & communications have remained always on priority in national planning. To overcome all problems of population and urbanization in infrastructural development, role of civil engineer is of prime importance even in era of IT.

Civil Engineering is the oldest Engineering Discipline after Military Engineering. It is traditionally broken into different disciplines including Environmental Engineering, Structural Engineering, Transportation Engineering, Water Resource Engineering, Geo-technical Engineer-



All Slimes: Teaching and Non teaching Staff members.

ing, Material Engineering, Survey Engineering and Construction Engineering. Civil Engineering takes places at all levels in the public sector and private sector. Civil engineers will always be need-

ed to maintain and repair existing facilities and structures and to construct new ones.

Department Role

Department work with aim- "To be the Source-head of new ideas and innovations in Civil Engineering and offering world class professional knowledge as well as leadership in civil engineering to students."

Department is always keen to provide opportunity for students to have practical field

exposure on the civil engineering jobs.

Faculty is always ready to produce academically sound, disciplined and competent engineer who will become principals in the industries associated with civil engineering and professional engineers" starting-up and growing their own new firms.

With academic, department encourages students to show their talent in various extra-classroom activities.

The department presently has highly qualified and experienced staff on its role. The department has well equipped laboratories.

Principal's Message



**Principal
Mr. S. K. Giram**

It gives me immense pleasure to invite aspiring students who are keen to make a best career in technical field as a good technocrat. The diploma holders play very important role in industrial and economic developments of the country. They develop and master specialised skill in the chosen areas and provide much needed supports in any engineering establishments. Also the students having diploma in engineering provides support services in various other sectors of economy, including service sector. AISSM Society's Polytechnic is among the top reputed technical institutes imparting high quality technical education. The evolution of the institute over the past two and half decades has witnessed strong blend

of state-of-the-art infrastructure and intricately intertwined human resource committed to providing professional education with trust on creativity and innovation. Here at AISSM Society's Polytechnic, we are imparting skills and knowledge to our students in the best possible manner to make them dream about big and fulfill the same. It is rightly said that a dream becomes a goal when the action is taken towards its fulfillment, and we are committed to providing optimistic, independent, compassionate, life-long learners and leaders who will bring glory to the institute, state and the nation. We at AISSM Society's Polytechnic take every care to fulfil the hopes and aspirations of

all students by providing them the best physical and academic infrastructure needed to make them competent technical professionals. Our outstanding faculty adds value to our best endeavor to provide technical knowledge to our students in the interest of all the stakeholders in the country. I take this opportunity to acknowledge the extreme hard work put in by our dedicated staff, by working round-the-clock to keep our college at the zenith of success. I Welcome you all to join our institute and make a best career in life. **"The tradition of excellence is ours, the choice is yours."**

HOD DESK

Department of Civil Engineering is one of the latest branches of Engineering in modern era of technology. It is rapidly growing field with a wide range of job opportunities.

The Technical Education Department aims towards making available the trained and technically qualified hands to serve the industry & society. We are working hard to improve upon the quality of

education.

The department organizes Workshops, Expert Lectures, Seminars, Industrial visits and extracurricular activities from time to time to provide our students and faculties to interact with their peers from across the country. Our students are trained to develop a balanced personality and will prove to be an invaluable asset to an organization.



Editor's Message

Main objective of this newsletter to be published as all activities conducted by our department are to be summarized here on this platform. It is a tool to short way - Communication, long-way - Reader, technical institutions delivering information to our students and parents. This will help to all students as well as parents to know about the various activities, workshops, competitions, organised by our department and keep them updated.

Our department published departmental newsletter half yearly, I hope this newsletter help all the readers to update our activities throughout the semester.

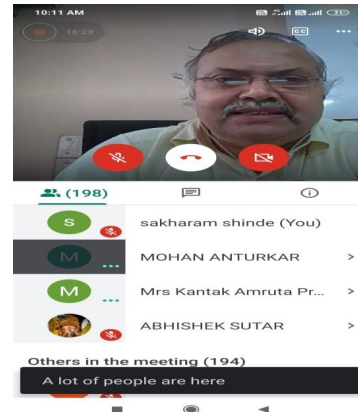
We are thankful to our HOD and Principal to give this opportunity. We are also thank to all staff for cooperating us to prepare newsletter. Also thanks all those who helped us directly and indirectly.



Entrepreneurship Development

Entrepreneurship is important, as it has the ability to improve standards of living and create wealth, not only for the **entrepreneurs** but also for related businesses. **Entrepreneurs** also help drive change with innovation, where new and improved products enable new markets to be developed. Therefore to upgrade the students with the knowledge

in the pandemic situation, Civil engineering department conducted Online expert lecture with the great knowledgeable Speaker Mr. Mohan Anturkar on Date 17th August 2020 for TYStudents.



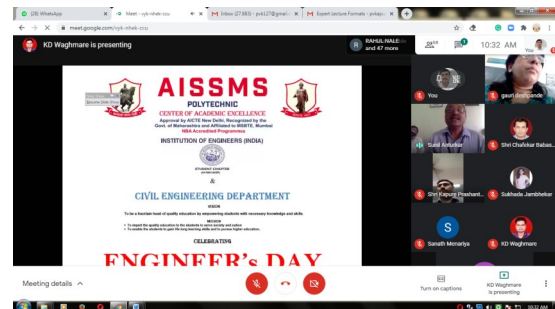
Online Expert Lecture on “Entrepreneurship Development ” by Mr. Mohan Anturkar on Date: 17.08.20 for TYCE Students.

“STAY
HOME
STAY SAFE.”

Role of Civil Engineers in construction

Roles and Responsibilities of a **Civil Site Engineer**. **Roles** and responsibilities of a **civil site engineer** depends on the nature of **construction** works in a project and involves various activities such as quality control and reporting. Also **Civil engineers** are responsible for creating, improving, and protecting our immediate environment. They plan and oversee **construction** and rebuilding, as well as the maintenance of

roads, bridges, tunnels, railways, dams, harbors, power plants, and airports. On the Occasion of Engineers Day, Civil engineering department conducted Online expert lecture with the great knowledgeable Speaker Mr. R. G. tambe on Date 15th September 2020 for SY Students.



Online Expert Lecture on “Role of Civil Engineers in construction ” by Mr. R.G.Tambe on Date: 15.09.20 for TYCE Students

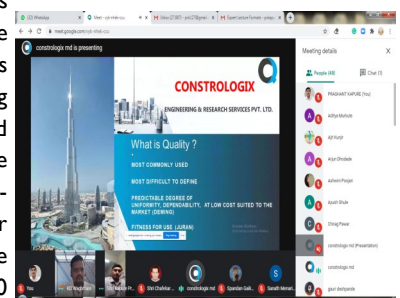
Quality in Construction

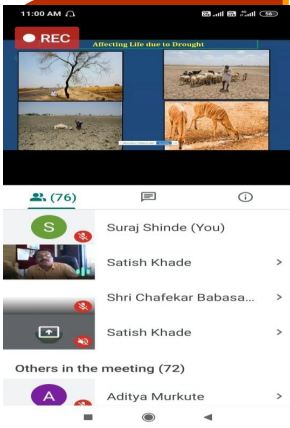
Quality means not only zero defects but right first time, delivery on time and to budget, innovating for the benefit of the client and stripping out waste, whether it be in design, materials or **construction** on site. It also means after-sales care and reduced cost in use. **Quality** work is the base for any type of **construction**. **Quality** also in one way means meeting customer

satisfaction. At times, if the project is significant, a third party team is hired to ensure if the project is being made using premium products, good material, standards and norms are maintained or not. Poor **quality construction** and finishing will result in a building that is not as well suited to its purpose as it could be. Poor **quality** is often behind safety problems. If a component fails it

may cause loss or injury – and may be treated as a safety issue – but fundamentally it's a **quality** issue.

On the Occasion of Engineers Day, Civil engineering department conducted Online expert lecture with the great knowledgeable Speaker Mr Anil Dhobale on Date 15th September 2020





Guest lecture by Mr Khade on Rain water harvesting For TY students.

*"The Only Way
To Do Great
Work Is To Love
What You DO"
-Steve Jobs*



Rain Water Harvesting

The importance of **rainwater harvesting** lies in the fact that it can be stored for future use. Just as it can be used directly so also the stored **water** can be utilized to revitalize the ground level **water** and improve its quality. ... **Harvesting rainwater** checks surface run off of **water** and reduces soil erosion. Large dams are the major source of water storage, and canals are the major distributory route. The former have **caused** large-scale community displacement and

ecological havoc. The latter, large-scale degradation of land via soil salinisation. Groundwater resources have been heavily over-used. Rain water harvesting directly Decreases the demand for water. Reduces the need for imported water. Promotes both water and energy conservation. Improves the quality and quantity of groundwater. Collecting and using **rainwater** to replace municipal **water** reduces your **water** charges. By following this, not just the

household or apartments which will be benefitted, but also the government can gradually cut down the amount spent on **water** treatment and pumping.

Therefore to upgrade the students with the knowledge in the pandemic situation, Civil engineering department conducted Online expert lecture with the great knowledgeable Speaker Mr Satish Khade on Date 10th October 2020 for TYStudents.

Entrepreneurship Development Programme

An education system that highlights the importance of Entrepreneurship should be created, former President A P J Abdul Kalam said on Monday, March 12 2013. "In the present context, the education system has to be designed to see that we generate a large number of employment generators and not employment seekers," Kalam said, addressing students on

the occasion of IIT-Bombay's 54th Foundation Day. To complete this statement AISSMS's Polytechnic has arranged the Entrepreneurship Awareness Camp in collaboration with Devine Cooperation, Pune. This EAC program is sponsored by Department of Science and Technology, Gov. of India. Like every year, in this academic year, we had conducted EAC pro-

grams for final year students.

These Entrepreneurship Awareness programmes were sponsored by Entrepreneurship Development Institute of India and Department of Science and Technology, Government of India.



Success story of our student

I am the Director of Gruvala Construction & Infrastructure OPC Pvt. Ltd. We are a government recognised start up company dealing with waste management technologies. We have invented and patented technology to recycle plastic, concrete and rubber wastes together for manufacturing useful products in the infrastructure industry.

I completed my diploma in civil engineering from AISSMS Polytechnic in 2014. During the college days, I received tremendous support and motivation from the faculty of my department. It was their style of teaching and interactive classroom environment that helped me stay focused and inspired me to lay the foundation of my future professional path. All their teachings and learning has become the basic pillars of my life helping me to grow each and every day. For more information about my company and my journey, you can visit the links as—<https://www.agnii.gov.in/innovation/smart-kerbs>, <https://youtu.be/izSF0GC6mok>

https://youtu.be/_-U_jSb-2Y






Mr. Varun Salunkhe., Director, Gruvala Construction & Infrastructure OPC Pvt. Ltd.

Result—Winter Exam-2020

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MBA Accredited Programmes

Congratulations!

 SHUBHANKAR PURANDARE 94.53%	 ADITYA KSHIRSAGAR 92.84%	 YASH DESHMUKH 92.32%
 SUNIL DESHMUKH 91.11%	 APURVA BHOSALE 90.79%	

Wishing you victory & good luck in all your future endeavors.

Regards

Civil Engineering Department