

AISSMS POLYTECHNIC

Kennedy Road, Near RTO, Pune 411001



VISION

**To be a fountain head of quality education delivering civil engineers empowered with necessary knowledge and skills who can lead the society.*

MISSION

**To impart quality education to the student in order to serve society and the nation in the field of civil engineering.*

** To provide student and faculty members with opportunities to innovate and spread knowledge widely.*

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I Am pleased to inform you that dept. of civil engg. is publishing its newsletter. This newsletter to all our stake holders. I fell it will help to have appropriate communication among the all stake holder. The aim of publishing the newsletter is to share the activities performed by dept. and to share the progress performed by dept.

I convey my best wishes to convey this newsletter and hope contribution of all for the growth of dept. and institution simultaneously.

Mr. B.S.Patil

Principal, AISSMS Poly



It gives a great pleasure in sending my best wishes to news letter of civil engineering department .

During year 2016-17 various extra curriculum activities were conducted successfully by civil engg dept, like organization of industrial visit, expert lecture. Participation of civil enggdept students in various technical events organized by various institute. Team work of student and staff member more than encouraging factor. We want to continue in coming year also.

Mr. S.G. Anturkar
HOD Civil Dept.

Academic year:-2016-2017					
Sr. No	Name of Industry	Address	Date	Class	Concern Course
1	Parvati Water Treatment Plant	Parvati, SinghgadRoad,Pune	20/06/2016 22/06/2016	T.Y.C.E	Public Health Engineering
2	Royal Oak Society	Near GarveHundai, Opposite of Sayaji Hotel, Pune	23/09/2016	S.Y.C.E.	Building Construction
3	Galande Construction	Vadgaon Sheri, Pune	26/09/2016	S.Y.C.E.	Building Drawing



Steel work construction at Deccan College, pune



Parwati Water Treatment Plant, pune
20/06/2016 & 22/06/2016



Royal oak society Construction 23/09/2016

MoU'S

Civil engg. Dept. signs mou"s with following companies:

- 1. Soham Developers.*
- 2. Choice venture.*
- 3. A.S. construction.*

Student Corner

Tendering System in PWD

Construction Industry plays a key role in the process of economic transformation and growth. Export of projects and services indicate a country's progress in technology and export performance. Most of the companies are versed only with engineering and technology. The decision to bid is a major financial decision because of two reasons. First, the contractor assumes substantial costs for the preparations of the estimates and the tender at the risk of not recovering them if he is not awarded the job. Second, and most importantly, the contractor commits himself to investment in the construction of the project if he wins tender.

SHANTANU JADHAV
GUIDED BY: Mr. B.H. Chafekar

Quiz Time



1. name the place where Indian Currency notes are printed.
a. New delhi b. Nagpur
c. Nashik c. Mumbai
2. Name the crop that is sown on largest area in india?
a. Sugarcane b. Wheat
c. Maize c. Rice

ANSWERS

1. c 2. d

MSBTE Examination Winter 2016 Result

FIRST YEAR

Mohite Devica Raghunath : 82.23%

SECOND YEAR

Brijesh Pandit : 79%

THIRD YEAR

Prathamesh Takale : 88%

Test

Oh! My dear test,
Let me have some rest,
As you are unwanted guest,
To all of us you are pest,
Do you think it's fair?
To be always there?
In *April* and *November*.
Tell me how to prepare
Oh! My dear tests
Let me have some rest.

Mhaské Shubham

TYCE Student (2015-2016 Batch)

Thoughts in mind

What is NBA

The National Board of Accreditation (NBA), India was initially established by the AICTE (All India Council of Technical Education) under section 10(u) of AICTE Act, in the year 1994, in order to assess the qualitative competence of the programs offered by educational institution from diploma level to post-graduate level in engineering and technology, management, pharmacy, architecture and related disciplines, which are approved by AICTE.

NBA came into existence as an independent autonomous body with effect from 7th January 2010 with the objectives of assurance of quality and relevance to technical education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hotel Management and Catering Technology, through the mechanism of accreditation of programs offered by technical institutions. The Memorandum of Association and Rules of NBA were amended in April 2013, to make it completely independent of AICTE, administratively as well as financially. The NBA conducts evaluation of programs of technical institutes on the basis of laid down norms. This may include, but not limited to institutional missions and objectives, organization and governance, infrastructure facilities, quality of teaching and learning, curriculum design and review, support services (library, laboratory, instrumentation, computer facilities, etc.) and any other aspect as decided by the General Council and / or Executive Committee of NBA, which will help the graduates produced by the institutions as per industry requirements.

Over the period of its existence, the NBA has introduced a new processes, parameters and criteria for accreditation that are in line with the best international practices and oriented to assess the outcomes of the programme.

S.G.Anturkar
Program Head

Outcome Based Education (OBE)

Traditional education is curriculum centered. There are difficulties in to measure the outcome of students. Traditional education system is now lags to increase the level of learning among students. Now in globalization, more skills are required to work. It is an approach of education that focuses on the final product as students achieving competencies with learning curriculum outcome. This type of framework is used to plan curriculum, monitoring about implementation, evaluation and assessment of students achievements.

Many of the lecturers are focus on attention that about what they teach rather than what their students learn from it. Outcome based education (OBE) focus on students that what they finally at the end of program or course achieve. This is to be measure with program attributes. This type of education highlights that destination before to start the course.

Curriculum of any course based on companies which reflect in contact, teaching methods and strategies. Main aim of OBE isto increases the knowledge and skills of the learners. This system (OBE) is flexible, creative, measurable, specific and achievable.

Mr. B.H.Chafekar
Lecturer in Civil Engg.Dept.

Delays in construction projects

It is generally known that time is one of the factor by which the project success is examined However, regardless the location, type of construction and ownership, delay in project completion remains a common them Delay is the time that exceeds contract duration or the agreed time between project parties When delay takes place, several adverse consequences that may appear as like extra cost, profit loss reaching to disputes between project parties For instance, it has been found that more than half of public construction projects in Jordan were completed beyond planned completion period While the percentage increases considerably in Ethiopia reaching to 80% in road projects field Furthermore, almost the same percentage as previous has been recognized in bridge construction. In Nepal where 16 of them out of 82 exceeded the contract period by more than 100% Late time completion can be generated from variety of reasons.

Some causes are related to individuals in the project , others related to resources and few are beyond control such as weather conditions It is believed that construction projects have more risks due to multiplicity of stakeholders involved Although each party seeks to make great profits through completing the project in a timely manner, many causes of delay are always attributed to them. In fact, contractors, owners and consultants have the greater influence on project delay. For this reason, causes of delay related to contractor, owner and consultant were reviewed.

There are different factors which affect delay in construction projects

1. Contractor related causes of delay
2. Owner related causes of delay
3. Consultant related causes of delay

Dhokale Suraj
Civil Engineering Student

Think Green- Environmental awareness

The environment is a very important topic in the press and classrooms across the world and much has been said about the need for action to protect our planet. If current trends in climate change continue, temperatures could increase between 3 and 6 degrees Celsius by 2050. Such large temperature increases would lead to water shortages for billions of people, reduce agricultural yields, increase malnutrition related deaths by millions and lead to the extinction of a large part of animal species.

Education plays important role in raising awareness of environmental challenges and shaping the attitudes and behaviours that can make a difference.

A first step in addressing the issue is raising awareness. Many classrooms already discuss important issues like recycling or sustainable consumption..

Some countries do better than others: in Canada, Finland and Japan for example, more than 30% of students performed at the highest level of proficiency. However more must be done to improve the level of the poorest performers. On average across the OECD, 16% of students performed at the lowest proficiency level and in countries like Italy, Mexico and Turkey more than 20% of students perform at the lowest proficiency level. These students were unable to answer questions about basic environmental phenomena. They were also much more likely to be overly optimistic about environmental issues and much less aware of the dramatic consequences of inaction.

So, what can be done? The performance of students in environmental science is closely related to performance in traditional science courses (such as physics, biology and chemistry). Better science education in general can thus be combined with specialized courses in order to increase student proficiency in environmental science.

The need for green skills extends beyond basic education. Vocational education programs are important in preparing students to be flexible and adaptable to changing standards and requirements.

For basic education as well as vocational education and training, policy measures such as work-based learning and the provision of better career guidance can be powerful tools to strengthen the link between skills development and the green-growth agenda of countries.

Even though it is important that individuals have the right technical skills and scientific knowledge to go green, this alone will not be enough. In order to act effectively, individuals need to be willing to trade off immediate gains (taking the car instead of less convenient public transport, for example, or turning the air conditioning up to maximum on hot days) for long-term sustainability. Making these choices requires critical thinkers who can connect their daily decisions to long-term consequences, not just for themselves, but for society as a whole. Our schools and universities must play their part in preparing us for this challenge.

Sharma Naresh & Dhokale Suraj
Civil Engineering Student

THANK YOU