



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil Polytechnic Satara



Volume 1, Issue 1
03 October 2019

NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING

For Private Circulation only

DEPARTMENT OF CIVIL ENGINEERING

VISION

To be recognized as the excellent institute in India in technical Education & social awareness

MISSION

To impart essence of culture, ethics and value based technical education and management skills by inculcating personal touch with the students & develop own competitiveness & skills to global standards

DEPARTMENT PROFILE

Karmaveer Bhaurao Patil Polytechnic, Satara

(formerly Karmaveer Bhaurao Patil College of Engineering and Polytechnic, Satara) started functioning in the year 1983 with three courses Construction Technology, Digital Electronic and Production Technology. With the developments in engineering field, the Construction Technology & Production Technology was changed to Civil Engineering and Mechanical Engineering.



Also two additional courses were introduced, Electrical Engineering, Computer engineering in year 2010 and 2011 respectively. Civil Engineering is one of the oldest branches of engineering. It is also referred to as the 'mother' branch of engineering. Since time immemorial, human beings have been engaged in building all kinds of edifices. From huts made of mud to Taj Mahal, we have definitely come a long way. As civilizations matured, it simultaneously led to the development of bigger, better and diverse structures. From cave dwellings, human beings had moved on to construct houses, palaces, canals, dams, highways, and stadia. These civilian structures played a significant role in the development of human race and gave various dimensions to human life as various activities evolved: social, political, economic and recreational. Some significant structures from the past include the Stonehenge in Britain, the Great Pyramid of Giza, the Roman Coliseum, the Great Wall of China and the magnificent Taj Mahal. Also worth mentioning here are buildings from the ancient cities of Chechen Itza, Machu Picchu and Petra. These are just but a mere glimpse of the examples set by one of the oldest branches of engineering, that is, civil engineering. Amongst all branches of engineering, the range and application of civil engineering is the broadest and the most visible. In fact, the entire infrastructural framework of a modern nation is the creation of civil engineers. The credit of building mighty power plants, dams, airports, sea ports, highways, inland waterways and industrial plants goes to civil engineers. These professionals are also engaged in building an unending array of urban structures such as commercial complexes, skyscrapers, tunnels, bridges, roads, urban rapid transport systems, sports stadia and so on. Wherever you might be, in cities or towns or in the far-flung areas of the country you simply cannot miss the creation of civil engineers. The nature of this profile makes it an evergreen prospect for career minded youngsters. There is an endless demand for this job profile both in the private as well as in public sector undertakings in our country.

FROM THE PRINCIPAL'S DESK



I congratulate Prof. S.N. Godse, Head of Civil Engineering Department, his Department Faculty, Staff and Students for taking the initiative and launching the first issue of Civil Engineering Department Newsletter the half yearly newsletter. I am very much confident that this newsletter will serve as an important link with all the stakeholders of the Polytechnic and the Civil Engineering Department in particular. My best wishes to the department for the success of this newsletter and hope that with more and more inputs from our stakeholders additional features can be include in future issues of the newsletter. The Polytechnic is confident that this newsletter will help it in overall Academic Elevation of Institute and the Department.

Prof. K.S. Sheikh

I/c Principal

Karmaveer Bhaurao Patil Polytechnic, Satara

ABOUT CADS

Civil Association of Diploma Students (CADS) is an Association formed by the students of Civil Engineering Department to foster the growth of knowledge.

With the support and guidance of the faculty, Technical and Nontechnical events are organized for assisting students to increase their knowledge and skills in

planning, delegating, decision making and to develop a more positive and

realistic attitude toward themselves, their peers and the institute. It provides opportunities for social interaction among organization members. Under CADS we have conducted various events as paper presentation, industrial visits, guest lectures, soft-skills development programs, welcome function to all new comers of the entire Civil Engineering Department.



FROM THE HOD'S DESK



It gives me immense pleasure to publish the first issue of our departmental newsletter. We are presenting newsletter, which is dynamic and vibrant as the particle in universe. This first issue of newsletter is devoted to trends in Civil Engineering Field. I have taken over as Incharge Head of Department (Civil Engineering) in the month of June 2018. I feel fortunate to work with the young and dynamic team (faculty & staff) and also brilliant students of our department. Also I have support of Alumni, who are at honorable positions in different organization throughout the globe. The guidance and support by our Alumni will enrich our department. Last year we had best results from our institute Karmaveer Bhaurao Patil Polytechnic, Satara. In the coming years we will continue with the same and will try to top in the Maharashtra State, by getting our students in MSBTE state rank. My dream will get into reality with your full pledged support.

Civil engineering is traditionally broken into a number of sub-disciplines. It is considered the second-oldest engineering discipline after military engineering, and it is defined to distinguish non-military engineering from military engineering. Civil engineering takes place in the public sector from municipal through to national governments, and in the private sector from individual homeowners through to international companies.

I wish them the very best for their success in their carrier. I thank all our students, staff, faculty, parents, Principal and our Rayat Shikshan Sanstha's authorities for their support and guidance. Also special thanks to Mr. Alok Kadam, who has taken up initiative of this newsletter.

Prof. S. N. Godse

I/c Head of Civil Engineering Department

PO's and PSO's

Program Outcomes (POs) of Civil Engineering Department	
At the entry point of the industry soon after successful completion of the diploma program, students will be able to	
PO 1	Basic Knowledge: Apply knowledge of basic mathematics, science, and basic engineering to solve the broad based Civil engineering problems..
PO 2	Discipline knowledge: Apply Civil engineering knowledge to solve the broad based Civil engineering problem.
PO 3	Experiment and Practice: Plan to perform experiment and practices to use the results to solve broad based Civil engineering problem.
PO 4	Engineering tools: Apply relevant Civil technology and tools with understanding of the limitations.
PO 5	The engineer and society: Assess social, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in field of Civil Engineering.
PO 6	Environment and sustainability: Apply Civil engineering solutions also for sustainable development practices in social and environmental context.
PO 7	Ethics: Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Civil engineering.
PO 8	Individual and team work: Individual and team work: Function effectively as a leader and team member in diverse/ multidisciplinary teams.
PO 9	Communication: Communicate effectively in oral and written form.
PO 10	Lifelong learning: Engage in independent and life-long learning activities in the context of technological changes also in the Civil engineering and allied industry.
Program Specific Outcomes (PSOs) of Civil Engineering Department	
At the entry point of the industry soon after successful completion of the Civil Engineering Diploma program, students will be able to	
PSO 1	Construction Planning and Designing: Perform optimal civil engineering construction, planning and designing activities of desired quality at optimal
PSO 2	Construction Execution and Maintenance: Execute civil engineering construction and maintenance using relevant materials and equipment.

GUEST LECTURES



A Guest lecture on **Entrepreneurship Development** was delivered by **Mr. Nitiraj Arvind Sabale** District Financial Literacy Officer Zonal Office Satara on 15th September 2019. The session began with the meaning of Entrepreneur. Further, the speaker discussed at length the process of preparing for an firm to be established. He highlighted mainly two factors which should be kept in mind while preparing for an startup is to have an idea which meets the demands of the market and also it should be sufficient for development of the firm as a whole. He also spoke about some experiences of his own which were helpful to the students to gain an perspective for development as an entrepreneur is today's competitive world.





A Guest Lecture on **Advanced Construction Techniques** was organized on 15th September 2019 by **Mr. Ravindra Maruti Ranjane** Senior Project Manager B.G. Shirke Construction & Technology Pvt. Ltd. Mumbai to Civil students. It helped the students to gain a new perspective and knowledge regarding the new innovations in the field of Civil Engineering. He also explained regarding the availability of various job opportunities available in the civil engineering sector with respect to the recent trends.



INDUSTRIAL VISITS

The Industrial Visit at Kalyani Highschool, Sadar Bazar Satara was organized on 09th September 2019 for Second Year Civil Engineering Students.



The Industrial Visit at Indradhanu Apatment, LIC Colony Satara was organized on 09th September 2019 for Second Year Civil Engineering Students.

The Industrial Visit at Grade Seperator, M/s T& T Infrastructure was organized on 09th September 2019 for Second Year Civil Engineering Students.



The Industrial Visit at Kanher Dam, Kanher was organized on 16th September 2019 for Third Year Civil Engineering Students.



The Industrial Visit at Water Treatment Plant, Krushnanagar, Satara was organized on 16th September 2019 for Third Year Civil Engineering Students.

PARENT STUDENT TEACHER MEET









Parent Student Teacher Meet was held in Karmaveer Bhaurao Patil Polytechnic, Satara by Civil Department on 28th September 2019 in college auditorium hall at 11:00 AM. Parent Student Teacher Meet was organized for parents whose children are in Second Year and Third year of Civil Engineering Diploma. I/c HOD Prof. S. N. Godse guided the meet with respect to the prevailing MSBTE Norms and regulations.

Parents were informed about department's activities, students' progress, academic calendar, MSBTE exam schedule etc. attendance report as well as class test marks report of students are handed over to respective parents. The Toppers of previous Academic year were awarded with prizes.



STUDENT'S ACHIEVEMENTS

Summer 2019 Examination Students above 80%

			
SAWANT SHRIYASH BHIKOBA	KADAM JEEVAN JITENDRA	DHOTRE PRANALI RAMESH	MOHITE SHASHANK LAXMAN
SYCE (CE4I)	SYCE (CE4I)	SYCE (CE4I)	SYCE (CE4I)
87.62	85.00	84.37	84.25
			
KORDE TEJAS SHANTARAM	PAWASHE OM SANJAY		
SYCE (CE4I)	SYCE (CE4I)		
81.50	80.50		

Summer 2019 Examination Students above 80%

				
DEOKAR SHRIKANT BHAGWAN TYCE (CE6G)	KADAM GANESH RAGHUNATH TYCE (CE6G)	THORAT RUSHIKESH LAXMAN TYCE (CE6G)	RASKAR RUSHIKESH ASHOK TYCE (CE6G)	
87.62	87.50	86.00	85.50	
				
JADHAV OMKAR DATTATRAY TYCE (CE6G)	PUJARI SAMEER RAVINDRA TYCE (CE6G)	BONDRE ASHISH PRAKASH TYCE (CE6G)	JADHAV AISHWARYA MILIND TYCE (CE6G)	PATIL DHAIRYASHIL ASHOK TYCE (CE6G)
84.12	84.12	83.75	83.75	83.50
				
KAMBLE BHAIRVNATH DAYANANAD TYCE (CE6G)	WALAGE FAIZMOHAMMAD FAKIRMOHA TYCE (CE6G)	VIRKAR JANARDAN ABAJI TYCE (CE6G)	GAIKWAD MEERA MAHESH TYCE (CE6G)	GARUD RUTHWIK ASHOK TYCE (CE6G)
83.00	82.50	81.75	81.50	81.25

ACADEMIC CALENDER- 2019-20 (ODD SEMESTER)

Odd Semester (FIRST/THIRD/FIFTH) Planner 2019-20															
First Semester: 26 June to 12 October 2019															
June-19															
MON	TUE	WED	THU	FRI	SAT	SUN	26/06/2019	Start of Academic year 2019-20							
					1	2	26/06/2019	Display of Tentative Time table (SY/TY)							
3	4	5	6	7	8	9	26/06/2019	Start of Lecture (SY/TY)							
10	11	12	13	14	15	16									
17	18	19	20	21	22	23	30/06/2019	Review of Academic Progress by HOD							
24	25	26	27	28	29	30								11	
July-19															
MON	TUE	WED	THU	FRI	SAT	SUN	01/07/2019	Tree Plantation, Start of Lecture (FY)							
1	2	3	4	5	6	7	02/07/2019	Start of Lecture & Practical (SY/TY)							
8	9	10	11	12	13	14									
15	16	17	18	19	20	21									
22	23	24	25	26	27	28									
29	30	31					31/07/2019	Review of Academic Progress by HOD							
August-19															
MON	TUE	WED	THU	FRI	SAT	SUN	01/08/2019	1st Defaulter Report (June to July)							
			1	2	3	4									
5	6	7	8	9	10	11									
12	13	14	15	16	17	18	29/08/2019	Unit Test 1(Second & Third Year)							
19	20	21	22	23	24	25	31/08/2019								
26	27	28	29	30	31		31/08/2019	Review of Academic Progress by HOD							
September-19															
MON	TUE	WED	THU	FRI	SAT	SUN	01/09/2019	2nd Defaulter Report (June to August)							
30						1	04/09/2019	Declaration of result Unit test 1 (SY& TY)							
2	3	4	5	6	7	8	05/09/2019	Inauguration of DESA students organizations							
9	10	11	12	13	14	15	15/09/2019	Inauguration of "electron" Newsletter, Engineer's Day & Parent meet							
16	17	18	19	20	21	22	16/09/2019 & 17/09/2019	Unit Test 1(First Year)							
23	24	25	26	27	28	29	3 rd Week	Industrial Visit							
							3 rd & 4 th Week	Remedial Lectures for weaker students							
							29/09/2019	Review of Academic Progress by HOD							
October-19															
MON	TUE	WED	THU	FRI	SAT	SUN	01/10/2019	3rd Defaulter Report (June to September)							
	1	2	3	4	5	6	09/10/2019	Unit Test 2(Second & Third Year)							
7	8	9	10	11	12	13	11/10/2019								
14	15	16	17	18	19	20	12/10/2019	Review of Academic Progress by HOD							
21	22	23	24	25	26	27	15/10/2019	Declaration of result Unit test 2 (SY& TY)							
28	29	30	31				14/10/2019	MSBTE Practical Examination						06	
							29/10/2019							88	
November-19															
MON	TUE	WED	THU	FRI	SAT	SUN	14/11/2019	MSBTE Theory Examination							
				1	2	3	05/12/2019								
4	5	6	7	8	9	10									
11	12	13	14	15	16	17									
18	19	20	21	22	23	24									
25	26	27	28	29	30										
December-19															
MON	TUE	WED	THU	FRI	SAT	SUN									
30	31					1									
2	3	4	5	6	7	8									
9	10	11	12	13	14	15									
16	17	18	19	20	21	22									
23	24	25	26	27	28	29									
25 to 29 October 2019 – Winter Break															
Total instructional days: FY- 75 & SY/TY – 88															
Holidays															
12/08/2019	Bakar ID														
17/08/2019	Parsi New Year														
02/09/2019	Ganesh Chaturthi														
10/09/2019	Moharam														
22/09/2019	Karmaveer Bhausaheb Patil Birth Anniversary														
02/10/2019	Gandhi Jayanti														
08/10/2019	Dussehra														

ACADEMIC CALENDER- 2019-20 (EVEN SEMESTER)

Even Semester (SECOND/FOURTH/SIXTH) Planner 2019-20														
First Semester: 09 December 2019 to 27 March 2020														
December-19														
MON	TUE	WED	THU	FRI	SAT	SUN								
30	31					1								
						8								
9	10	11	12	13	14	15								
16	17	18	19	20	21	22								
23	24	25	26	27	28	29	17	31/12/2019	Review of Academic Progress by HOD					
January-20														
MON	TUE	WED	THU	FRI	SAT	SUN								
						5								
6	7	8	9	10	11	12								
13	14	15	16	17	18	19								
20	21	22	23	24	25	26								
27	28	29	30	31			27	31/01/2020	Review of Academic Progress by HOD					
February-20														
MON	TUE	WED	THU	FRI	SAT	SUN								
						2								
3	4	5	6	7	8	9								
10	11	12	13	14	15	16								
17	18	19	20	21	22	23								
24	25	26	27	28	29		20	29/02/2020	Review of Academic Progress by HOD					
March-20														
MON	TUE	WED	THU	FRI	SAT	SUN								
30	31					1								
2	3	4	5	6	7	8								
9	10	11	12	13	14	15								
16	17	18	19	20	21	22								
23	24	25	26	27	28	29	19	01/03/2020	3rd Defaulter Report (December to February)					
							83	25/03/2020	Unit Test 2(First, Second & Third Year)					
								27/03/2020	Unit Test 1(First, Second & Third Year)					
								28/03/2020	Review of Academic Progress by HOD					
								30/03/2020	Declaration of result Unit test 1 (FY, SY& TY)					
								31/03/2020	MSBTE Practical Examination					
								09/04/2020	MSBTE Theory Examination					
April-20														
MON	TUE	WED	THU	FRI	SAT	SUN								
			1	2	3	4	5							
6	7	8	9	10	11	12								
13	14	15	16	17	18	19								
20	21	22	23	24	25	26								
27	28	29	30											
May-20														
MON	TUE	WED	THU	FRI	SAT	SUN								
				1	2	3								
4	5	6	7	8	9	10								
11	12	13	14	15	16	17								
18	19	20	21	22	23	24								
25	26	27	28	29	30	31								
Total instructional days: FY/SY/TY – 83														
Holidays														
26/01/2020	Republic Day													
19/02/2020	Shiv Jayanti													
21/02/2020	Mahashivratri													
10/03/2020	Holi													
25/03/2020	Gudi Padwa													
02/04/2020	Ram navami													
06/04/2020	Mahavi Jayanti													
14/04/2020	Babasaheb Ambedkar Jayanti													
01/05/2020	Maharashtra Day													
07/05/2020	Buddha Purnima													

Start of New Academic Year 17 June 2020

We welcome your valuable suggestions and advices for further improvement of
"Civil Engineering Newsletter"

Please write us at or contact: alokkadam1996@gmail.com(OR) Editorial Board

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