



SSBT's College of Engineering & Technology, Bambhori, Jalgaon.

(Included under section 2 (f) and 12(B) of the UGC Act, 1956

With NBA Accredited Courses & ISO-9001-2008 Certified)

Department of Civil Engineering

(NBA Re Accredited)

News Letter Vol. No.09 January — June 2017

GATE 2017 Scorecard
Graduate Aptitude Test in Engineering

Name
BIYANI YOGESH MANOJ

Registration Number
CE17S72041011

Examination Paper
Civil Engineering (CE)

Mark out of 100* **32.51** Valid from March 26, 2017 to March 26, 2020

Qualifying Marks** **28.7** **25.8** **19.1** **All India Rank in this paper** **13374**

GATE Score **389** **Total Number of Candidates** **129225**

March 26, 2017 Prof. Govind Joseph Chairperson
Organizing Chairman, GATE 2017 on behalf of NCB-GATE, Co-MHRD

Yogesh Biyani

GATE 2017 Scorecard
Graduate Aptitude Test in Engineering

Name
KARAN NARAYAN LALWANI

Registration Number
CE17S72041085

Examination Paper
Civil Engineering (CE)

Mark out of 100* **32.87** Valid from March 26, 2017 to March 26, 2020

Qualifying Marks** **28.7** **25.8** **19.1** **All India Rank in this paper** **13038**

GATE Score **393** **Total Number of Candidates** **129225**

March 26, 2017 Prof. Govind Joseph Chairperson
Organizing Chairman, GATE 2017 on behalf of NCB-GATE, Co-MHRD

Karan Lalwani

GRE TEST TAKER SCORE REPORT

GRE GENERAL TEST **Score Report Test Date: August 24, 2016**

Section Scores

Section	Score	Percentile
Verbal Reasoning	144	88
Quantitative Reasoning	158	88
Writing	4.5	88

Score Report for the General Test Taken on August 24, 2016

Section	Score	Percentile	Score Range
Verbal Reasoning	144	88	130-158
Quantitative Reasoning	158	88	143-172
Writing	4.5	88	4.0-5.0

Subject Test Scores

Section	Score	Percentile	Score Range
Verbal Reasoning	144	88	130-158
Quantitative Reasoning	158	88	143-172
Writing	4.5	88	4.0-5.0

Pankaj Chandiramani

MISSION

To provide conducive environment for preparing competent, value added CIVIL Engineers.

VISION

Today we carry the flame of quality teaching learning process to enlighten global society, tomorrow the flame will glow even brighter.

Salient Features:

- Experienced, Qualified & Research Oriented Faculty
- Program Re-Accredited by NBA For 5 Years
- Modern and Well Equipped Laboratories
- Excellent Results
- Research Facilities for PhD scholar s
- Departmental Library with Internet Facility
- SAP Software
- Consultancy for Civil Engineering & Allied Processes
- Teacher Guardian Scheme
- Excellent Self-Study Material



Traditional day celebration

Programme Educational Objectives (PEOs)

- To carry out effective teaching (theory + experiment) fulfilling the syllabus requirements as well as covering relevant content beyond syllabus; to undertake good projects meeting demands of private/cooperative industrial sector, Governmental organization etc; and to arrange site visits for students to correlate the theoretical knowledge with real world.
- To arrange remedial classes for weaker students; to organize expert lectures by eminent persons from academics, industry and other diversified field; to organize and motivate students for participation in co-curricular, extracurricular activities for overall personality development.
- To give a role model to the students for being good engineer, good citizen and good human being; and to enhance mass awareness regarding environmental friendly technology and life style.
- To provide opportunities for the staff for career development within and off the institute; to enhance research facilities in the department; to extend consultancy services to various government and private organizations.

Program Outcomes(Pos)

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Programme Specific Objectives(PSOs)

- **Ability to apply theoretical knowledge for specific field applications:** a civil engineering graduate must be able to identify the constraints of a real world problem and must be able to decide appropriate combination of technology to resolve the problem. S/he must be able to implement the solution.
- **Ability to work with advanced equipment:** a civil engineering graduate must be able to deal with advanced equipments used for various civil engineering applications for faster and precise observations.
- **Awareness about alternative and blended construction materials:** natural materials are getting scarce and their over exploitation is causing environmental damages. A civil engineering graduate must be aware about the applications of alternative and blended construction materials which are more sustainable.

GUEST LECTURES



ER Abhijit Patil an A Grade Contractor and an aluminous of SSBT's College of Engineering and Technology, Bambhori, Jalgaon, delivered a lecture to the students of final year civil engineering. He covered the pre-tensioned and post tensioned bridge design and motivated students for establishing self enterprises.



Er Bhushan Shinde, Assistant Engineer, CIDCo, an aluminous of SSBT's COET Bambhori Jalgaon addressed students of final year civil engineering. He guided them how to prepare for competitive exams.



**Prof Y S Mahajan,
Coordinator, LEAD INDIA
2020 addressed the
students of final year civil
engineering. He talked on
transformation of India
from a developing nation to
a developed nation**



Er Manish Upaddyaya, Retired deputy engineer, Irrigation department, Jalgaon addressed the students of final year civil engineering. He share his vast experience, motivated students for career consciousness and talked of government initiatives for water management.





Er Upendra Tripathi from Orient Cement Factory Jalgaon addressed to the students of final year civil engineering. he talked of modern cement manufacturing methods and advances in the technology.



MOCK INTERVIEWS



Dr Harshal Salunkhe, MBA Department, guided the students regarding preparation for interviews.



Er Vilasrao Deshmukh, Retired Deputy Engineer, PWD conducted Mock Interviews for final year students.

MILESTONE 2017



NATIONAL LEVEL TECHNICAL PAPER PRESENTATION ACTIVITY FOR STUDENTS

COMPANIES VISITED FOR PLACEMENT

- 1. Abhijit Patil Construction company, Jalgaon.**
- 2. M/s Jain Contractor, Amalner.**
- 3. Stringer Drafting limited, Mumbai.**

Visit to prestress factory Manmad



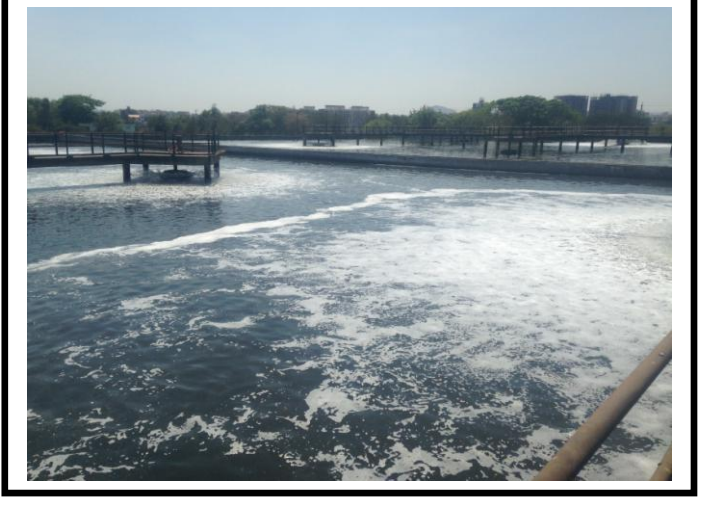
Visit to Girna bridge



Visit to water treatment plant, Nashik



Visit to water treatment plant, Nashik

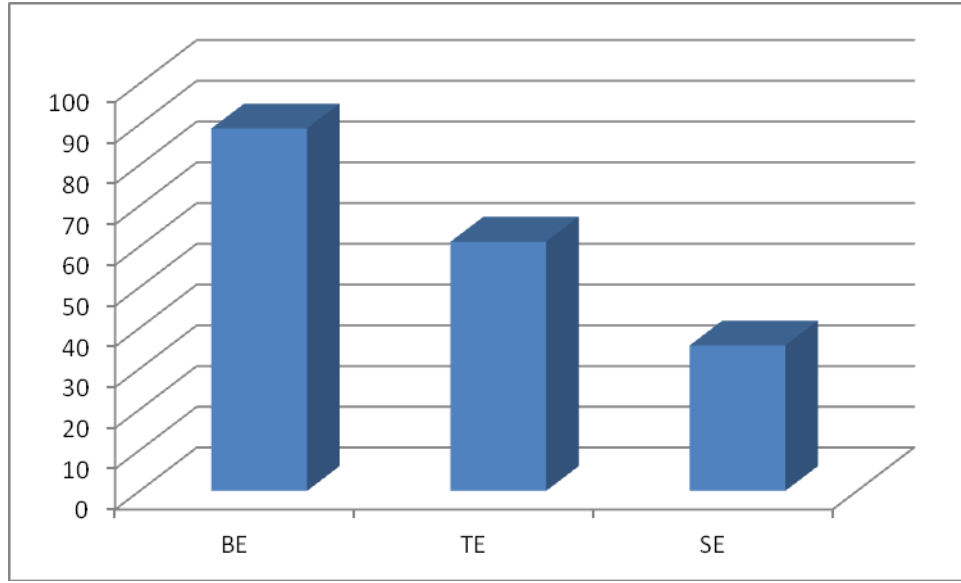


RESEARCH PUBLICATIONS

The faculty of civil engineering had been actively engaged in research publications. A list of papers listed below has been published by the faculty.

Name of faculty	SN	Title of the paper	Name of the journal	Volume no. (issue no.)	Page no	IF
Dr S L Patil	1	optimal blending of fly ash with geospatial characteristics of soil	IJARIT	3(3)	176 – 182	4.29
DR M Husain	1	Universal performance parameter of photocatalytic oxidation in slurry phase	IJRAS	6(6)	243 – 252	6.57
J N Kale	1	automations systems in smart and green building	IJiet	7(4)	105 – 107	0.67
	2	analysis of composite beam by elastic approach	IJRST	6(1)	-	6.2
P Punase	1	Analysis of Rubber Aggregates Used Concrete Beams,.	JCP Sc	9 (3)	2325-2329	4.87
	2	Study on Behavior of Flexural Member by Elastic Approach	IJERT	5 (7)	331-336	4.26
S B Patil	1	Treatment of dairy waste water by using groundnut Shell as low cost adsorbent	IJATESc	5 (2)	487-494	-

Result analysis of May 2017 examination:



Ms Khatija Bano Rahim Shiekh has stood first in SE civil examination. She has topped the university with 9.27 CGPA.



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