

EXPERT LECTURE REPORT



One Day Expert Lecture on

"WaterGEMS, SewerGEMS – by Bentley Systems"

Date: 22nd October 2019 from 9. 30 A.M to 01.30 P.M

Organised by Department of Civil Engineering, K L Deemed to be University.

Sponsored by Bentley Systems - Infrastructure and Engineering Software and Solutions Supported by Capricot Technologies Pvt. Ltd.



Venue: MBA Seminar Hall (L-515)

K L Deemed to be University

2019 EXECUTIVE COMMITTEE*

Convener

Dr. K. Naga Chaitanya, Assoc. Professor and HoD, Civil Engineering, KLEF

Organizing Secretaries

Mr. K. J. Brahma Chari, Asst. Professor

Organizing Committee

- Dr. Pranveer Singh Satvat, Professor
- Dr. Vummaneni Ranga Rao, Professor
- Dr. Burugapalli Kameswara Rao, Professor
- Dr. A. Aravindan, Professor
- Dr. Venkateswara Rao Atluri, Professor
- Dr. Konda Rajasekhara Reddy, Assoc Prof
- Dr. Sanjeet Kumar, Assoc Prof
- Dr. Dinesh Singh, Assoc Prof
- Dr. Ankit Chakravarti, Assoc Prof
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- Mr. Sunny Agarwal, Asst Prof
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- Mr. Mangalampalli Anil Kumar, Asst Prof
- Mr. Yadlapalli Vinod, Asst Prof
- Ms. B S S Ratnamala Reddy, Asst Prof
- Mr. Kone Venkatesh, Asst Prof
- Ms. T.Naga Jyothi, Asst Prof
- Dr. Abhay Kumar Chaubey, Asst Prof
- Dr. C.Khed Veerendra Kumar, Assoc Prof
- Mr. Achyutha Kumar Reddy, Asst Prof

Acknowledgments

This Expert Lecture "WaterGEMS, SewerGEMS – by Bentley Systems" summary was prepared by Mr. K. J. Brahma Chari, M. Tech, (Ph. D), Asst. Prof., and Mr. Sunny Agarwal, M. Tech, (Ph. D), Asst. Prof., Department of Civil Engineering, K L Deemed to be University, as a factual summary of what occurred at the expert lecture.

The expert lecture planning committee's role was limited to planning the meeting. The statements made are those of the speaker and individual meeting participants and do not necessarily represent the views of all expert lecture participants, the organising committee, Department of Civil Engineering, K L Deemed to be University.

This report has been reviewed in draft form by individuals chosen for their diverse perspectives and technical expertise. The purpose of this independent review is to provide candid and critical comments that will assist the institution in making the published report as sound as possible and to ensure the report meets institutional standards for objectivity, evidence, and responsiveness.



K L Deemed to University DEPARTMENT OF CIVIL ENGINEERING

Date: 18-10-2019

CIRCULAR

All the Faculty, staff and students are informed that an expert lecture on "WaterGEMS, SewerGEMS - Bentley Systems" is going to be conducted at 5th floor, MBA seminar hall, L-Block on 22nd October 2019 from 9:30 AM to 1:30 PM. All the faculty, staff and students are requested to attend the program without fail.

Topics to be covered:

- Introduction to Bentley Academic Subscription and its importance in the academic world (by Mr.Anurag 35-40mins)
- WaterGEMS, SewerGEMS presentations and demo
- Presentations will cover key product capabilities and familiarize users with the product features/tools and solver engines
- Live demonstration of WaterGEMS with a key focus on basic and advanced features (Darwin Designer, Criticality, SCADA Connect Simulator, DMA Delineation etc.)
- Live demonstration of SewerGEMS with key focus on basic and advanced features (Catchment Delineation, Critical Storm)
- Q & A Session
- · Open the floor for Q & A session

Dr. K. Naga Chaitanya

Dr. Nagateharfanya Kavuri

Head

Department of Civil Engineering Koneru Lakshmalah Educational Foundation (Deemed to be University) Vaddeswaram, Guntur -522 502.

Contents

About K L E F	1
About Civil Engineering Department	2
About Bentley Systems	3
Expert Lecture Overview	4
About Resource Person	5
Program Schedule	7
Photo Gallery	8

About K L Deemed to be University



Koneru Lakshmaih College of Engineering was established in the year 1980. The College attained autonomous status and has become a deemed to be University with effect from 2009. It is a pioneer in the field of Education and Research. K L Deemed to be University is recognized as one of Asia's best private University with highly qualified faculty. K L is accredited by NAAC of UGC with "A++" Grade and is approved by AICTE, New Delhi. This University is gearing up to emerge as one of the topnotch institutions with world class R & D Infrastructure and Academic ambience.

K L Deemed to be University, officially the Koneru Lakshmaiah Education Foundation, is a deemed university located in the Vaddeswaram Guntur District of Andhra Pradesh, India.

Address: Green Fields, Vaddeswaram, Guntur, Andhra Pradesh 522502, India

Phone: +91 863 239 9999

Founded: 1980

Affiliation: University Grants Commission

About Civil Engineering Department



The Department of Civil Engineering was established in 1980 with an intake of 60 students and 5 Faculty. The department has been successful in producing excellent and well-trained graduates. Today we have 571 Students (UG & PG) and 34 faculty members drawn from premium institutes throughout India, four are Professors, eleven Associate Professors and thirty are Assistant Professors.

The departmental activities embrace Testing, Planning, Design, Construction and Management. The Department is offering Courses for Undergraduate program in Civil Engineering, Post graduate Program in Structural Engineering, Construction Technology and Management, Environmental Engineering, Geoinformatics and Ph.D.'s in Civil Engineering. The department has well equipped laboratories catering to all major areas of research.



At its core, Bentley Systems is a software development company that supports the professional needs of those responsible for creating and managing the world's infrastructure, including roadways, bridges, airports, skyscrapers, industrial and power plants as well as utility networks. Bentley delivers solutions for the entire lifecycle of the infrastructure asset, tailored to the needs of the various professions – the engineers, architects, geospatial professionals, planners, contractors, fabricators, IT managers, operators and maintenance engineers – who will work on and work with that asset over its lifetime. Comprised of integrated applications and services built on an open platform, each solution is designed to ensure that information flows between workflow processes and project team members to enable interoperability and collaboration.

Bentley's commitment to our user community extends beyond delivering the most complete and integrated software – it pairs our products with exceptional service and support. Access to technical support teams 24/7, a global professional services organization and continuous learning opportunities through product training, online seminars and academic programs define our commitment to current and future generations of infrastructure professionals.

With our broad product range, strong global presence, and pronounced emphasis on our commitment to our neighbors, Bentley is much more than a software company we are engaged functioning members of the global community. Our successes are determined by the skills, dedication, and involvement of extraordinary Bentley colleagues around the world.

Bentley Systems employs more than 3,500 colleagues, generates annual revenues of \$700 million in 170 countries, and has invested more than \$1 billion in research, development, and acquisitions since 2014. From inception in 1984, the company has remained majority-owned by its five founding Bentley brothers.

Expert Lecture Overview

A Expert lecture has been arranged by Mr. K. J. Brahma Chari, with the

support of Dr. Naga Chaitanya Kavuri, Associate Professor and Head of the Civil Engineering Department, K L Deemed to be University, Vaddeswarram, Guntur District. Expert lecture was conducted at seminar hall of MBA department, KL University. The lecture was given by **ANURAG KARVE**, Account Manager-Bentley Systems, and **YASHODHAN JOSHI**, Technical Support Engineer-II / Bentley Systems, Pune on 22nd October 2019 from 9. 30 A.M to 01.30 P.M. From his lecture the following points has been summarized.

- Mr. Anurag sir was Introduced about Bentley Academic Subscription and its importance in the academic world.
- Mr. Yashodhan Joshi sir discussed on WaterGEMS, SewerGEMS presentations and demo.
- Joshi sir discussed the cover key product capabilities and familiarize users
 with the product features/tools and solver engines
- Live demonstration of WaterGEMS with a key focus on basic and advanced features (Darwin Designer, Criticality, SCADA Connect Simulator, DMA Delineation etc.).
- Live demonstration of SewerGEMS with key focus on basic and advanced features (Catchment Delineation, Critical Storm)
- Q & A Session.

Through this Expert Lecture a student can understand the importance of application-based knowledge in this subject and get a feel that how the theory he studies in the classroom is being applied in the field. The entire program is an AV presentation filled with numerous videos so that the learning is very easy and enjoyable. Expert Lecture participants also discussed issues that would benefit from further research and technology transfer activities.

About Resource Person - 1



Mr. ANURAG KARVE

Account Manager- Bentley Systems

Designation / Department / College: Account Manager- Bentley Systems

Location: Pune Area, India.

Qualifications: M.M.S. Marketing and Strategies University of Mumba; Bachelor of

Engineering (B.E.) Electronics and Telecommunication Amravati University.

Summery: More than 6 years of experience in sales and marketing. Highly result and growth oriented professional with leadership skills especially in sales management. Highly consistent in managing the key accounts and earning a Win-Win situation. The main approach is to develop the interactive relationship with key people and stakeholders. I always strive to accomplish my goals and prove as an asset for my team and employer. Working in AEC industry for almost 2.5 years and has developed the expertise in solution selling, product sales, key account management.

About Resource Person - 2



<u>Mr. YASHODHAN JOSHI</u>

<u>Technical Support Engineer-II / Bentley Systems, Pune</u>

Designation / Department / College: Technical Support Engineer-II / Bentley

Systems

Location: Pune Area, India

Qualifications: Master of Technology (M-Tech) Water Resources Engineering, Visveswaraya National Institute of Technology, Nagpur, India; Bachelor of Engineering (B. E.) Civil Engineering University of Mumbai, Mumbai, India.

Profile: An engineer by profession I have always followed the basics of engineering that are logical reasoning, simplicity and holistic solutions. I am a professional working in the Water and Wastewater industry driving projects of a varied range and magnitude.

Program Schedule

Program Schedule for One Day Expert Lecture

WaterGEMS, SewerGEMS – by Bentley Systems

Topics covered

Introduction to Bentley Academic Subscription and it's importance in the academic world (by Mr.Anurag 35-40mins)

WaterGEMS, SewerGEMS presentations and demo (10:00AM-1:30PM) by Mr.

Yashodhan Joshi

key product capabilities and familiarize users with the product features/tools and solver engines

Live demonstration of WaterGEMS with a key focus on basic and advanced features (Darwin Designer, Criticality, SCADA Connect Simulator, DMA Delineation etc.)

Tea Break

Live demonstration of SewerGEMS with key focus on basic and advanced features (Catchment Delineation, Critical Storm.)

Summary

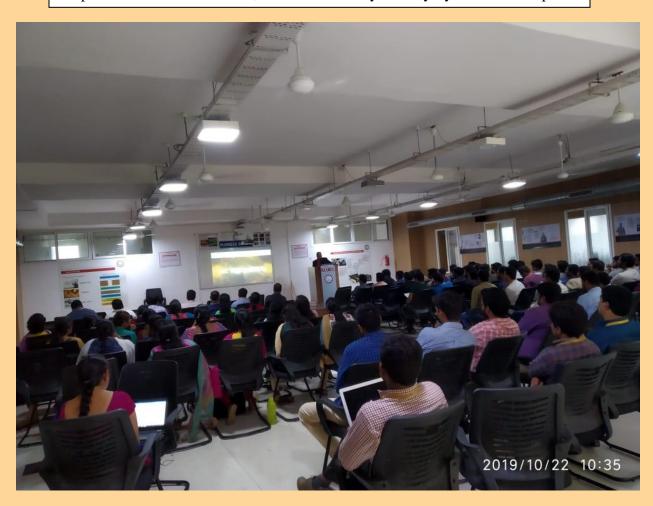
Open the floor for Q & A session

Feedback from the audience followed by summing up.

Vote of Thanks.



Expert Lecture "WaterGEMS, SewerGEMS – by Bentley Systems" Participants







BUSINESS SCHOOL

