

## **A Guest Lecture on ‘Advanced Wastewater Treatment’, on 23<sup>rd</sup> November, 2019**

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A Guest Lecture on ‘**Advanced Wastewater Treatment**’ was organized by the Department of Civil Engineering, MVJCE, on 23<sup>rd</sup> November 2019, at 10:30 am, in Seminar Hall 6. Around 100 students, faculty members and non-teaching staff of the Civil Engineering Department participated in this program.

The objective of this session was to provide insight into advanced wastewater treatment technologies that are available in the current scenario. Any process which reduces the level of impurities present in wastewater, below that attainable through conventional secondary or biological treatment, is welcome. This kind of advanced wastewater treatment includes the removal of nutrients such as phosphorus and nitrogen and also a high percentage of suspended solids.

The Guest Lecture started with the arrival of the dignitaries on the dais. The dignitaries present were Mr. Bhaskar Sharma, Director, Bisineer Engineering (India) Pvt. Ltd., Dr. Nagaraj Sitaram (Principal, MVJCE) and Dr. Y Mahabaleswarappa (Dean, MVJCE). The Master of Ceremony was Prof. Surabhi B S (Assistant Professor, Department of Civil Engineering). Prof. Surabhi delivered the welcome address, welcoming the Chief Guest, Principal, Dean, dignitaries off the dais and the gathering. The opening remark was given by our Principal Dr. Nagaraj Sitaram, and Dean Dr. Y Mahabaleswarappa.

Dr. Manu D.S (Associate Professor, Department of Civil Engineering) introduced the Guest Speaker to the gathering. The session was then taken over by the Guest Speaker Mr. Bhaskar Sharma. He started by explaining the basics of wastewater, sewage and their components. He first focused on various types of conventional wastewater treatment methods. He spoke about Bisineer Engineering using advanced treatment processes, which not only saves time but are also cost efficient. He

concluded by showing some of the advanced wastewater treatment methods. The session culminated with a Q/A session, where students clarified their doubts. Mallikarjuna A, a student of 7<sup>th</sup> semester, thanked Mr. Bhaskar Sharma for an enlightening session. Overall, the session was very certainly informative.

The vote of thanks was proposed by Prof. Dakshayani, extending gratitude to the esteemed Chief Guest, to the Principal for his constant support and encouragement, and to Prof. Muralidhara R, Head of Civil Engineering Department, for his valuable suggestions and cooperation. She also thanked the faculty, non-teaching staff, technicians and participants.

### **Outcome of the Event:**

The session was thought-provoking, helping students to understand the applications of Wastewater Treatment, which provides a platform for handling, compiling and treatment of large amount of wastewater with minimal cost. The Wastewater Treatment Plant requires minimum area. It also gave insight into the scope of future research in this field.



**MVJ** COLLEGE OF  
ENGINEERING  
Since 1982  
Engineering A Better Tomorrow  
(An Autonomous Institute)

Venue: Seminar Hall -6  
Date: 23-11-2019 @ 10:30 AM

Guest Lecture on  
**"Advanced Wastewater Treatment"**  
organised by  
Department of Civil Engineering  
Chief Guest  
**Mr. Bhaskar Sharma**  
Director, Bisineer Engineering (India ) Pvt Ltd.

Presided By  
**Dr. Nagaraj Sitaram**      **Prof M. Brindha**  
Principal, MVJCE      Vice Principal, MVJCE



Principal Dr. Nagaraj Sitaram and HOD, Department of Civil Engineering Prof. R. Muralidhara, welcoming the Guest Mr. Bhaskar Sharma



Principal Dr. Nagaraj Sitaram addressing the gathering during the session.



**Dr. Y Mahabaleshwarappa Dean MVJCE, addressing the participants**



**Mr. Bhaskar Sharma, Bisineer Engineering (India) Pvt Ltd addressing the key issues in sewage treatment**



Participants at Guest Lecture on "Advanced Wastewater Treatment" held at Seminar Hall No. 6 at MVJCE on 23/11/2019