



**J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY YMCA,  
FARIDABAD (HARYANA)- 121006**  
**(Established by Haryana State Legislative Act No.21 of 2009)**  
**Accredited 'A+' Grade by NAAC**  
**(Mechanical Engineering Department)**

**ACTIVITY REPORT**

**EXPERT LECTURE DELIVERED**

1.	Name of Activity (Title)	Expert Lecture Delivered (Under MOU with Ehime University, Japan)
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Lecture
	Name of department/ Section/ cell conducting the activity	Mechanical Engineering Department
3.	In coordination with (if any)	International Affairs Cell
4.	Date of conduct	29.08.2025
5.	Name of Activity Coordinator (s)	Prof. Sandhya Dixit, Dr. Mamta Kathuria, Dr. Rajeev saha
6.	Amount Spent	Nil
7.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	-
8.	Target audience	Research Scholars and Faculty Members Ehime University Japan and J.C.Bose University of Science and Technology, YMCA, Faridabad, India
9.	No. of beneficiaries	25
10.	Name of Speaker	Prof. Sanjeev Goyal
11.	Any other information	

The Department of Mechanical Engineering in coordination with the International Affairs Cell, J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana organized an expert lecture on the topic **“Biomass Pellet Technologies for Sustainable Marine-Coastal Integration” on August 29, 2025**. The lecture was aimed at providing insights into sustainable energy technologies and their integration with marine-coastal ecosystems.

The lecture was part of the activities under the MoU between J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana, India, and Ehime University, Japan, and was intended for the researchers and faculty of Ehime University, Japan.

The session was delivered by Prof. Sanjeev Goyal, Professor, Department of Mechanical Engineering, J.C. Bose University of Science & Technology, YMCA, Faridabad. Prof. Goyal



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engaged the audience with a thought-provoking presentation on biomass pellet technologies and their potential in sustainable marine-coastal applications. His talk further highlighted innovative approaches for environmental sustainability and energy efficiency, with a special focus on the energy sector and its potential applications in Japan.

The successful realization of the aforementioned session was made possible through the indispensable support and guidance of Prof. S.K. Tomar, Vice Chancellor, J.C. Bose University of Science & Technology, YMCA, Faridabad. His encouragement has been instrumental in shaping the university's global collaborations. The academic discourse was thoughtfully organized under the guidance of Prof. Arvind Gupta, Prof. Sandhya Dixit, Dr. Mamta Kathuria, and Dr. Rajeev Saha.

The expert lecture served as a platform for knowledge exchange and dialogue on sustainable energy technologies. By bringing together researchers and faculty members from both universities, the event fostered a deeper understanding of innovative solutions for marine-coastal integration.

The audience from Ehime University actively participated in the Q&A session, reflecting their keen interest and enthusiasm in the subject. The lecture was attended by faculty members and researchers from Ehime University, Japan, and J.C. Bose University of Science & Technology, YMCA, Faridabad, India.



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**(A Haryana State Government University)**  
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# EXPERT LECTURE

*on*

**Biomass Pellet Technologies for Sustainable  
Marine-Coastal Integration**

**Department of Mechanical Engineering**

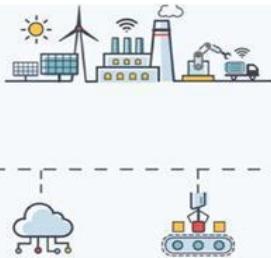
*in co-ordination with*

**International Affairs Cell**



**Patron**  
**Prof. S.K. Tomar**

Vice Chancellor  
JCBUST, YMCA, Faridabad (Haryana)



**Speaker**  
**Prof. Sanjeev Goyal**

Department of Mechanical Engineering  
JCBUST, YMCA, Faridabad (Haryana)

## Conveners

Prof. Arvind Gupta   Dr. Mamta Kathuria   Prof. Sandhya Dixit   Dr. Rajeev Saha

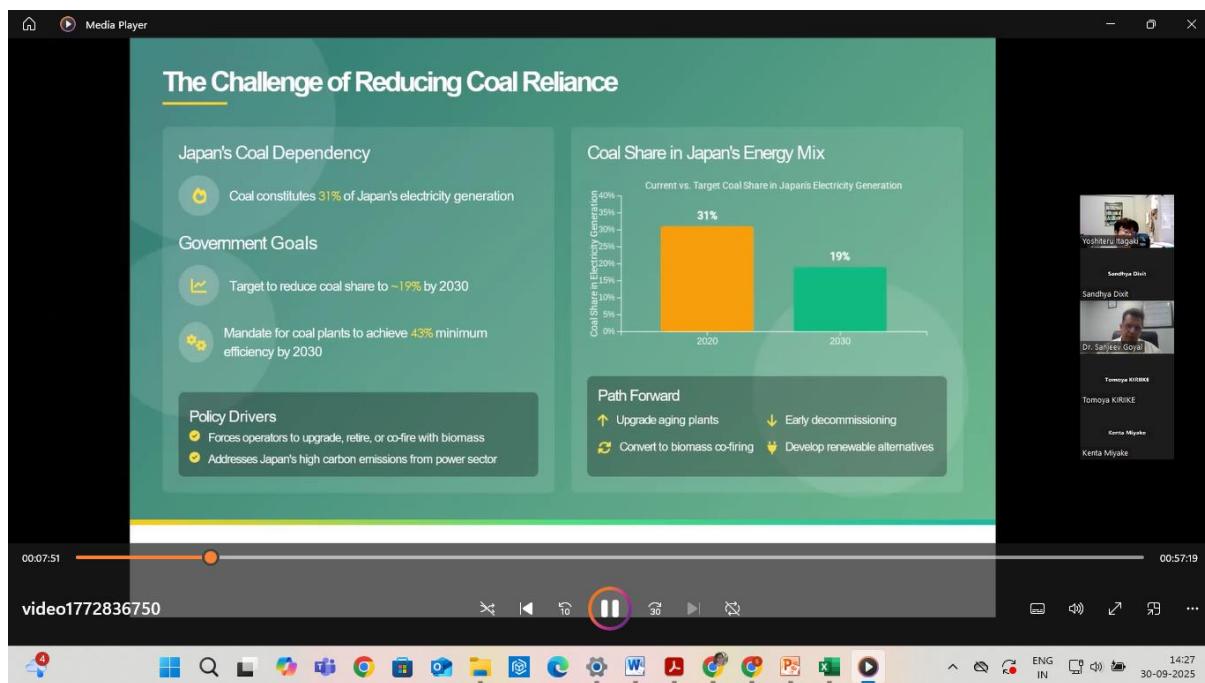
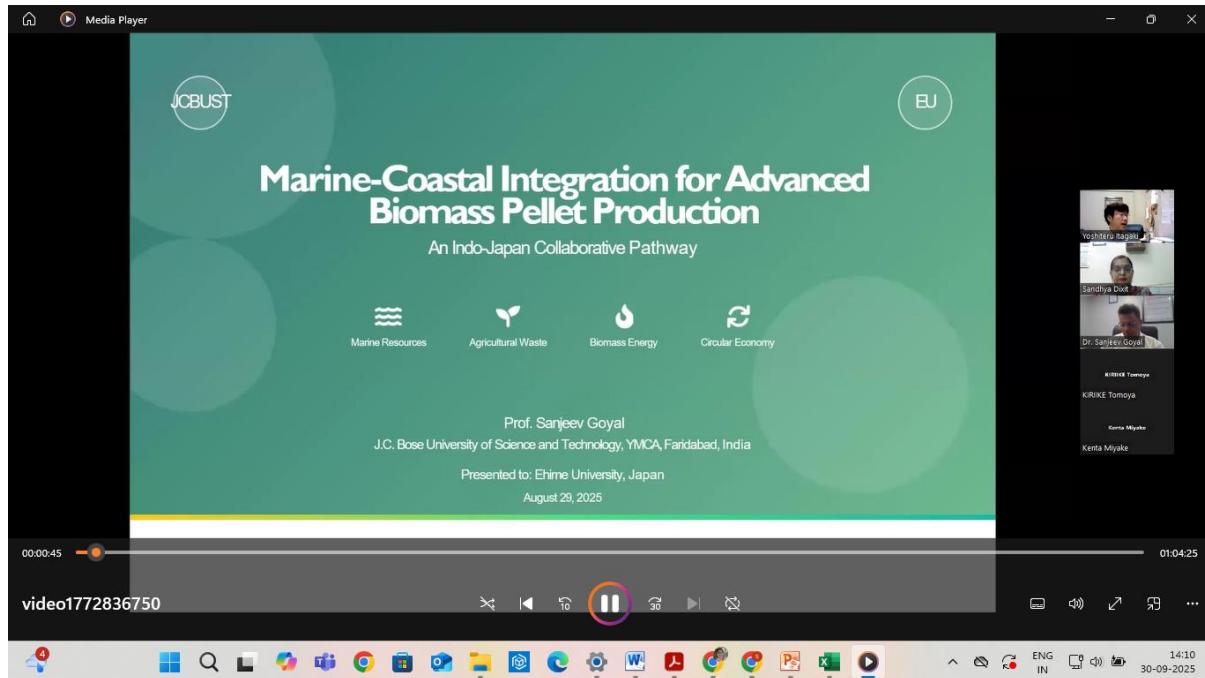
**AUDIENCE :** . Students and Faculty of Graduate School of Science and Engineering, Ehime University, Japan.  
. Students, Researchers and Faculty of J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana.

**PLATFORM : ZOOM**

**Meeting Link :** <https://us06web.zoom.us/j/81276932320?pwd=qbam0Ca65dY9gvWH8gcpQtaRTwqYB7.1>

**Date:** 29.08.2025 ( Friday )

**Time:** 11:00(IST) / 14:30(JST)





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