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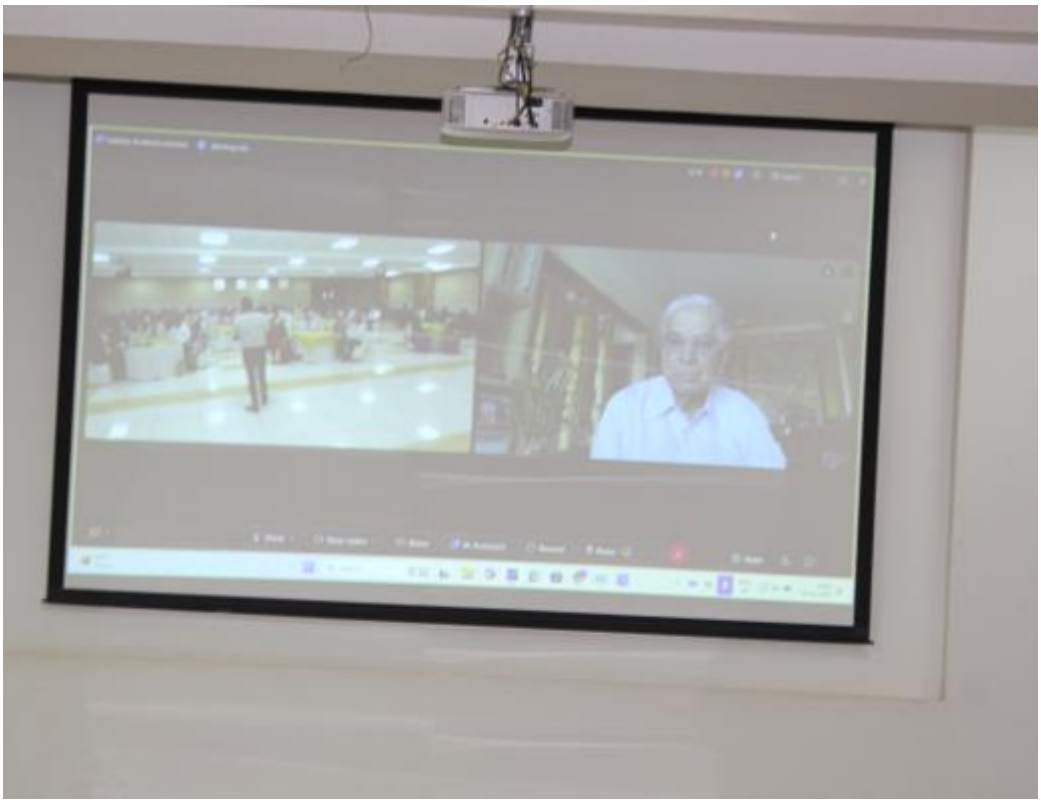
## Report on Industry–Academia Conclave 2026

The Industry–Academia Conclave 2026 was held on 14th February 2026 at the Smt. Rajalakshmi Jayaraman Seminar Hall, MVJ College of Engineering, Bangalore. The conclave was envisioned as a meaningful platform to strengthen curriculum design in engineering education, aligning it with state-of-the-art technology and evolving industry expectations. Professionals from both industry and academia deliberated on academic frameworks that would equip students to meet the demands of emerging technologies. The primary objective was to obtain expert recommendations for designing and upgrading engineering curricula across foundational and advanced semesters.

The event began with a warm welcome address delivered by Dr. Ajayan K. R**,** Principal of MVJ College of Engineering, who highlighted the importance of bridging the gap between academic learning and industry practices. Following this, Dr. Brindha M, Dean of Administration, introduced the distinguished Chief Guest, Padma Bhushan Dr. B. N. Suresh. A visionary in the field of space science and technology, Dr. B. N. Suresh is the Founder Director of the Indian Institute of Space Science and Technology (IIST) and has also served as the Director of the Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram. Dr. B. N. Suresh presently serves as the Chairman of the Board of Governors at MVJ College of Engineering, guiding the institution with his vast experience and visionary leadership.



**Dr. B. N Suresh Sir addressing the audience**

In his inaugural address, Dr. Suresh provided an insightful overview of Industry–Academia Collaboration. He emphasised the need for continuous dialogue between educational institutions and industry leaders to ensure that engineering graduates are not only theoretically sound but also practically competent. His speech set the tone for the day's deliberations, underlining the importance of innovation, adaptability, and skill development in engineering education. Academic and industry experts from various disciplines were then welcomed by their respective Heads of Departments, marking the beginning of collaborative discussions.

The first technical session focused on Curriculum Design for Engineering Foundation Courses, specifically targeting the 1$^{st}$ and 2$^{nd}$ semester curriculum. This session was also held at the Smt. Rajalakshmi Jayaraman Seminar Hall. The proposed curriculum for the 2026 scheme was then presented to the expert panel by Dr. Bharath. D, Head of the Department of Physics, and Dr. Preethi. G, Head of the Department of Chemistry.


**Dr. Ramprasad, Academician, giving feedback on the first year AE/ AS curriculum**

A detailed discussion followed, comparing the 2026 scheme with the existing 2022 scheme. The panel of experts engaged in a constructive dialogue, offering numerous suggestions to refine the proposed curriculum. The discussions revolved around enhancing practical exposure, integrating interdisciplinary learning, and ensuring that students acquire skills relevant to current industry demands. The feedback provided by the experts was invaluable in shaping a curriculum that is forward-looking and responsive to technological advancements.

**Mr. Kartik, Director of Techno-core Solutions giving feedback on the first year CSE curriculum**

The conclave successfully achieved its objective of creating a collaborative platform where academia and industry could jointly deliberate on curriculum design. The event underscored the importance of innovation-driven practices and skill-based learning in engineering education. It concluded with a strong commitment from both academic leaders and industry experts to work together in preparing students for the challenges and opportunities of the future.

The afternoon sessions involved school-wise discussions for designing fundamental engineering courses for the 3rd, 4th, and 5th semesters. The School of Computer Science & Engineering engaged experts from RV University, BNMIT, Koch Global Business Services, and Microsoft, who emphasised strengthening core computing subjects, integrating programming proficiency, and introducing early exposure to AI/ML and problem-solving modules. Simultaneously, the School of Electronics and Communication Engineering, with experts from Skyworks, Omilia, DTRI Mysuru, CSIR-NAL, Alstom, Seoul Semiconductor, and RVCE, highlighted the need for robust electronic fundamentals, FPGA-based learning, embedded systems, and IoT integration supported by hands-on curriculum components. The School of

Mechanical Engineering and its allied branches benefited from insights offered by experts from ISRO, GE Aerospace, Chemtex, DSCE, RVCE, and PES University, who recommended increased laboratory exposure, adoption of engineering simulation tools, strengthening of core mechanical and aerospace principles, and emphasis on sustainable and materials-focused learning in civil and chemical engineering.

Following a brief tea break, the second session, from 3:00 PM to 4:30 PM, addressed the Finishing School concept for the 6th, 7th, and 8th semesters through branch-wise deliberations across various venues. Overall, more than 30 experts from leading research centres, universities, and multinational technology companies contributed valuable recommendations. The conclave resulted in comprehensive insights focused on enhancing skill-based learning, modernising curriculum content, improving industry alignment through projects and internships, and implementing a holistic finishing school model designed to elevate student preparedness and professional readiness across all engineering disciplines.

**Dr. Vinu Kuriakose, HOD- Aerospace presenting the AS curriculum to the experts**

**Prof. Maruthapandi, HOD- CSE, presenting the CSE curriculum to the experts**