

AICTE DISTINGUISHED PROFESSIONAL SCHEME (DPS)
EXPERT LECTURE by Prof. Prem Vrat (Pro-Chancellor;
Professor of Eminence and Chief Mentor, The North
Cap University, Gurugram) at MSIT
REPORT

Venue: Room No. 206, Maharaja Surajmal Institute of Technology, New Delhi.

Date: 22 February, 2025 (Saturday)

Schedule:

Event Description	Time	Topic	Target Audience
Discussion	10.00 am – 11.00 am	General Interaction	Professors and HoDs.
Session 1	11:00 am- 12:00 noon	Project Management: Life cycle perspective.	Final and pre final year students.
Lunch	12:00 noon – 1:00 pm	-	-
Session 2	1:00 pm – 2:00 pm	Quality issues in higher education and enhancing doctoral research productivity.	All Faculty

On **February 22, 2025**, MSIT had the privilege of hosting **Prof. Prem Vrat** for an insightful seminar on **Project Management** in **Seminar Hall 06**. Prof. Vrat, a distinguished academician and a leader in engineering and education, currently serves as the **Pro-Chancellor, Professor of Eminence, and Chief Mentor at The NorthCap University, Gurugram**. With over **55 years** of experience in teaching, research, and consulting, he has held esteemed positions at **IIT Delhi, the Asian Institute of Technology, ITMU, and MDI Gurugram**. A prolific researcher, he has published **over 500 research papers** and authored several renowned books. His contributions to academia and industry have been recognized with numerous prestigious awards, including the **"Visionary Edu-leader of India" Award** from former President **Shri Pranab Mukherjee** and the **Life Fellow Award** from **IIT Kharagpur in December 2023**.

Two lecture sessions were held. The target audience for the first session was final and pre-final year students of the Institute. The second session was held for the faculty members of the Institute.

Lecture 1: Project Management a Life Cycle Approach

Prof. PremVrat provided an in-depth understanding of Project Management, focusing on the Project Life Cycle and the structured processes involved in managing a project efficiently. He provided insights into key aspects of project execution, including scope, cost, time, and efficiency. He explained effective project management strategies, ensuring optimal resource utilization and successful project completion.

Prof. Prem Vrat elaborated on the crucial phases of a project, beginning with Project Initiation, where the foundation is laid through feasibility analysis and goal setting. Moving on to Project Planning, he emphasized the significance of meticulous scheduling, resource allocation, and risk assessment to ensure smooth execution. Project efficiency was highlighted as a measure of achieving maximum output with minimal resource expenditure. He then discussed Project Execution, where plans are put into action, requiring constant monitoring and control to keep the project on track. One of the key highlights of the session was his detailed explanation of the risks associated with different stages of a project life cycle and the common reasons why projects fail. He pointed out that lack of proper planning, ineffective communication, and poor risk management are some of the major causes of project failures. To counter these challenges, he introduced effective project management techniques, including risk mitigation strategies, agile methodologies, and continuous evaluation to improve efficiency and productivity.

The students interacted with the speaker during the question answer session. The session concluded with an address by Prof. Archana Balyan, Director of MSIT & Program Coordinator, who expressed gratitude to Prof. Prem Vrat for sharing his valuable insights. She emphasized the importance of project management skills in today's fast-paced and competitive world and encouraged students to implement these learnings in their academic and professional journeys. The seminar proved to be an enriching experience, providing students with practical knowledge and a structured approach to managing projects successfully.



Lecture 2: Quality Issues in Higher Education.

Prof. Prem Vrat began the lecture by mentioning the struggles of Higher education Institutes (HEI) to align with industry requirements. The industry, being the end consumer, seeks skilled professionals who can adapt to evolving market needs, while students, viewed as the product, must meet these expectations to secure meaningful employment. The seminar provided an in-depth analysis of various factors influencing education standards. It highlighted key areas such as the current status of Indian education, issues in technical education, quality of syllabus, faculty, teaching methods, evaluation, research, character development, and infrastructure.

Prof. Prem Vrat shared his insights on quality issues, evaluation metrics, and placement quality measurement to bridge the gap between academia and industry. He further added that graduates often lack critical thinking, problem-solving, and communication skills. Students should be evaluated through case studies, project-based learning, and problem-solving exercises.

An overview of the Indian education system showed the need for updated curricula aligned with industry and global standards. To enhance the quality of higher education, institutions must prioritize industry-aligned curricula, faculty development, skill-based assessments, and robust placement strategies. By addressing these quality issues, universities can better equip students to meet the dynamic demands of the workforce, ensuring a successful transition from academia to industry. In addition, the faculty quality is a crucial factor in education standards.

The seminar highlighted the urgent need to enhance education quality at all levels. A multi-faceted approach involving government policies, institutional reforms, faculty training, and infrastructure development is essential for improving educational standards. Collaborative efforts from all stakeholders, including educators, policymakers, and industries, are necessary to ensure that students receive high-quality education that prepares them for future challenges. The seminar was followed by a question answer between the faculty members and the speaker.

At the end of the session, Prof. Archana Balyan, Director of MSIT, expressed thankfulness to Prof. Prem Vrat for sharing his valuable insights about improving quality of teaching in Higher Education Institute. The seminar turned to be an enlightening experience for the faculty and provided an in-depth perception about the need and ways to enforce quality education.



Archana
10/13/25

Prof. (Dr.) Archana Balyan
Program Coordinator & Director, MSIT

Maharaja Surajmal Institute of Technology
C-4, Janakpuri, New Delhi-110058