

Maharaja Surajmal Institute of Technology, Janakpuri, New Delhi

Department of Information Technology (2s)

Seminar report

On

The National Board of Accreditation (NBA)

S.NO	POINT NAME	DESCRIPTION
1.	Topic	The National Board of Accreditation
2.	Expert name	Dr. Minakshi Tomer
3.	Activity name	Seminar
4.	Mode, Date and Time	Offline, 13-02-25, 1:00PM-2:00PM
5.	Target audience	2 nd year students
6.	Organized by	IT Department
7.	Attended participants	4 th semester students
8.	Registration form	NA

Introduction:

A seminar on the **National Board of Accreditation (NBA)** was organized at **Maharaja Surajmal Institute of Technology (MSIT), Janakpuri**, exclusively for **second-year students**. The session was conducted by **Dr. Minakshi Tomer**, an esteemed academician and expert in accreditation processes. The seminar aimed to enlighten students about the significance of NBA accreditation, its impact on academic institutions, and how it enhances the quality of technical education. Dr. Tomar elaborated on the **accreditation criteria, assessment procedures, and the benefits of an NBA certified degree**.

Topics covered:

- 1) **NBA (national board of accreditation):** The National Board of Accreditation (NBA) was established in September 1994 by the All-India Council for Technical Education (AICTE) to assess the quality and competence of programs offered by technical and professional educational institutions. These programs span from the diploma level to postgraduate degrees in various disciplines such as engineering, technology, management, pharmacy, architecture, and related fields.
- 2) **Accreditation Process:** Accreditation is a critical process that ensures educational institutions and their programs meet or exceed established norms and standards. It serves as a form of recognition, indicating that a program or institution is fulfilling specific quality requirements. The NBA accreditation process involves a thorough evaluation of programs,

and only institutions that meet these stringent criteria are granted NBA accreditation.

- 3) **Importance of NBA Accreditation:** NBA accreditation is highly valued for several reasons. For engineering colleges, having NBA accreditation is a mark of distinction. It demonstrates that the institution's programs have been rigorously evaluated by experts and have met global educational standards.
- 4) **NBA's Role in the International Arena:** NBA's role extends beyond national borders, particularly through its membership in the Washington Accord, which it joined as a permanent signatory on June 13, 2014. The Washington Accord is an international agreement among 20 countries that ensures the mutual recognition of engineering degree programs.
- 5) **Tier-I and Tier-II Institutions:** Institutions eligible for NBA accreditation are categorized into two tiers:
 1. **Tier-I Institutions:** This category includes prestigious institutions like IITs, NITs, private universities offering engineering programs, and autonomous colleges. These institutions have academic autonomy and the flexibility to design, develop, and update their curricula to meet global standards.
 2. **Tier-II Institutions:** These are engineering colleges affiliated with UGC-recognized universities but lack the academic autonomy that Tier-I institutions enjoy. Accreditation processes for Tier-II institutions are typically more standardized and involve more centralized control over curricula and academic policies.
- 6) **Outcome-Based Education (OBE):** Outcome-based education (OBE) is a student-centered approach that emphasizes the outcomes of learning, focusing on what students are expected to know and be able to do by the end of their program. In an OBE system, curriculum design, assessments, and reporting are aligned with the goal of ensuring that students master specific competencies.
- 7) **Mission and Vision Statement:** The Mission statement focuses on today and what the institute does to achieve it. It concentrates on the present and outline the purpose, value, and action to achieve vision. The Vision statement focuses on the long-term and paints a compelling picture of the institute's future aspiration.

Vision of the Department: To build a culture of innovation and research in student. **Mission of the Department:**

- To develop educational pathways.
- To imbibe curiosity and support innovativeness by providing proper guidance.
- To inoculate management skills, integrity and honesty through curricular and activities.

- 8) **Program Objectives and Outcomes:** The objective of the program is the statement that describe the expected achievement of graduates in their career. The Program Educational objective is guided by global and local needs, vision of the institution, long term goals.

Program Specific Outcomes:

PSO-1: Ability to understand the principles and working of hardware and software aspects in information technology.

PSO-2: Ability to explore and develop innovative ideas to solve real world problem using it skills.

9) **Course Objectives and Outcomes:** An example of how NBA accreditation shapes course development can be seen in a subject like **Artificial Intelligence (AI)**.

-Understand the basic principles of Artificial Intelligence.

-Recognize the significance of reasoning and intelligence in AI.

-Study current techniques and the future potential of AI.

Images of the Seminar:



Conclusion: NBA accreditation plays a vital role in enhancing the quality of technical education in India. By aligning with international standards, it ensures that Indian institutions produce graduates who are competitive globally. The process of accreditation fosters continuous improvement and ensures that educational institutions are meeting the evolving demands of the industry and society. Moreover, the integration of Outcome-Based Education (OBE) further strengthens the alignment of academic programs with real-world outcomes, preparing students to excel in their professional careers.

Coordinator HoD, IT Department Dr. Minakshi Tomer Dr. Sunesh Malik