



Training & Placement Office

Date : 17.08.2026

NOTICE

The **Training & Placement Office of SPCE** in association with **TATA Strive** is planning to offer a **Bajaj Manufacturing Systems (BMS) Certification Program** for all the Third and Final year students.

Tata STRIVE is the skill development initiative of the **Tata Community Initiatives Trust**. It works towards skilling India's youth for employment, entrepreneurship, and industry-readiness.

About Bajaj Manufacturing Systems (BMS) - Certification Program

The BMS program is jointly developed by Bajaj Auto Ltd. and Tata STRIVE and is aimed at equipping Engineering students with practical, world-class manufacturing knowledge. This program is grounded in **Total Productive Maintenance (TPM)** principles and seeks to instill a culture of excellence, safety, and efficiency in tomorrow's workforce. For Engineering institutes, the BMS program offers a strategic opportunity to enhance curriculum relevance, foster industry partnerships, and provide students with a direct pathway to gainful employment in the manufacturing sector. The BMS program is designed as a 11-module curriculum, each reflecting a critical component of TPM.

The 11 Key Modules (1 Hr. each) Include:-

1. **Five-S:** Teaches students to organize workspaces systematically, leading to increased productivity.
2. **Abnormality Prevention:** Focuses on identifying and addressing operational irregularities before they escalate.
3. **7 Wastes:** Equips students to spot and reduce forms of waste such as overproduction, excess motion, and defects.
4. **7 QC Tools:** Provides students with foundational knowledge in quality control through data driven tools like Pareto charts and control graphs.
5. **Poka Yoke:** Introduces mistake-proofing mechanisms that ensure operational reliability.
6. **Motion Economy:** Enhances understanding of efficient workplace design by minimizing unnecessary movement.
7. **Basic Safety:** Covers essential occupational safety protocols and risk awareness.
8. **Concept of Quality:** Promotes a mindset of quality consciousness across the production lifecycle.
9. **Visual Workplace:** Demonstrates how visual management systems improve clarity, communication, and efficiency.
10. **Concept of OHNO and CLIRT:** Lean thinking fundamentals inspired by Taiichi Ohno's principles and the CLIRT methodology (Clean, Lubricate, Inspection & Re-tight).
11. **ECRS (Eliminate, Combine, Rearrange, Simplify):** Advanced lean techniques for process optimization.

The BMS Program is delivered **through a self-paced online learning model**, complemented by hands-on practical exposure. All course content is hosted on **BOLD, a dedicated Learning Management System (LMS)**, accessible via mobile or computer, enabling trainees to learn at their own convenience. Each trainee is provided with a unique login ID to access the modules. In addition to self-learning, the program includes **doubt-clearing sessions, guest lectures by industry experts, and project-based activities** to reinforce practical understanding and application.

Course Outcomes:-

Students who complete the BMS program are:

- ✓ Equipped with modern manufacturing knowledge and practical insights.
- ✓ Skilled in identifying inefficiencies and applying corrective practices.
- ✓ Prepared to enter the workforce with certification and industry-aligned training.

To brief the students about the details of this program, an introductory session is organised by the T & P Office for the TY and Final Year B Tech students on **Friday, 21st August 2026 at 3.30 pm** in the **Seminar Hall Room No. 119.**

It is compulsory for all the T Y and Final Year B Tech students to attend this session.