

**Motivational talk of Mr. Sachin Kumar Gola on January 11, 2025 at 1pm**

**Venue- Footwear Fabrication lab, Tannery, D.E.I**

**Organized by- Department of Footwear Technology, Faculty of Engineering**

**Dayalbagh Educational Institute (Deemed to be University)**

**Dayalbagh, Agra-282005, India**

**Topic- Career Opportunities after B.Tech (Footwear Technology)**

### **Introduction of Speaker**

Sachin Kumar Gola, Alumni of B.Tech Footwear Technology 2019 and MBA 2021 batch from D.E.I. He secured integrated MBA with B.Tech on the basis of top 10 students. He also did MBA internship with Microsoft and Nestle. Secured placement after MBA in Yes Bank in 2021 in HR. He also worked with Ministry of commerce Government e-marketplace as an HR on the basis of UGC-NET exam. He is currently working with Dhanuka Group (pioneer in Agrochemicals) as Human Resources business partner.

### **Achievement highlights-**

- Cleared UPSC CSE Pre & Mains in 2021 & 2024
- Appeared 18 times in SSB Interview and selected twice for Navy and Coast Guard
- Cleared SSC CPO Exam for Para Military forces in 2022
- Cleared UPSC CAPF Exam 2023 , 2024
- Cleared UGC NET Exam twice in Human Resource
- Selected for GAIL , CWC , Cabinet Secretary ( DFO )
- Cleared UPPCS exam in 2023
- Cleared IBPS SO ( HR )
- Selected for Integrated MBA during B.Tech

Mr. Sachin Kumar Gola began his lecture by highlighting the increasing demand for skilled professionals in the footwear industry. With the global footwear market projected to grow significantly due to the rise in disposable income, changing fashion trends, and increasing awareness about foot health, he emphasized the importance of technical expertise in this field. He acknowledged that a B.Tech in Footwear Technology equips students with a unique blend of engineering principles and design knowledge, making them well-suited to meet industry demands. Beyond the private sector, he pointed out the promising opportunities in government roles, higher education, and even the defence sector. He emphasized the importance of aligning career goals with individual interests and aspirations to achieve long-term success.

### **Overview of the Footwear Industry**

Mr. Gola outlined the structure of the global and Indian footwear industries, emphasizing their scale, diversity, and contribution to the economy. He pointed out that India is the second-largest producer of footwear globally and has a strong export presence, making it a hub for career opportunities. The industry offers roles in design, manufacturing, quality control, marketing, and research and development (R&D).

## Key Career Opportunities in Footwear Industries

Mr. Gola detailed several career paths available to B.Tech graduates in Footwear Technology, including:

1. **Design and Development:**
  - Professionals in this area work on creating innovative and ergonomic designs that caters to diverse customer needs.
  - Knowledge of CAD software, material science, and aesthetics is crucial.
  - Opportunities exist with renowned global brands, start-ups, and design consultancies.
2. **Manufacturing and Production:**
  - This involves overseeing the production process, ensuring efficiency, and maintaining quality standards.
  - Roles include production managers, process engineers, and factory managers.
  - Knowledge of construction methods such as Goodyear welted, slip-lasting, and direct attachment methods is advantageous.
3. **Quality Assurance and Testing:**
  - Ensuring product quality through rigorous testing of materials and finished goods.
  - Positions in laboratories and certification agencies are common in this area.
4. **Merchandising and Marketing:**
  - These roles require a blend of technical and business acumen to analyze market trends, manage supply chains, and promote products effectively.
5. **Research and Development (R&D):**
  - This includes working on innovative materials, sustainable production methods, and advanced technologies like 3D printing and smart footwear.
  - A growing focus on eco-friendly and biodegradable materials is opening new avenues.
6. **Entrepreneurship:**
  - Many graduates choose to establish their own brands or start-ups, leveraging their technical knowledge and creativity to carve a niche in the market.

## Emerging Trends and Technologies

Mr. Gola highlighted emerging trends in the footwear industry, such as:

- **Sustainability:** The shift toward using biodegradable materials and adopting green manufacturing practices.
- **Digitalization:** The rise of smart manufacturing, automation, and data analytics.
- **Customization:** The demand for personalized footwear driven by advanced manufacturing technologies like 3D scanning and printing.

## Skills and Competencies

He stressed the importance of acquiring the following skills:

- **Technical Skills:** Expertise in materials, footwear construction, and production processes.
- **Soft Skills:** Strong communication, leadership, and teamwork abilities.
- **Digital Proficiency:** Familiarity with CAD tools, ERP software, and digital marketing platforms.

## Internships and Training

Mr. Gola encouraged students to undertake internships and practical training to gain hands-on experience. Collaborations with footwear giants, attending industry seminars, and participating in design competitions were highlighted as ways to build a strong portfolio.

## **Global Opportunities**

The speaker mentioned that the globalization of the footwear market has created opportunities for B.Tech graduates to work abroad. Countries like Italy, the USA, and China offer exciting roles in design, manufacturing, and R&D.

## **Career Opportunities in Government Sector**

### **1. Competitive Examinations:**

- **Public Sector Undertakings (PSUs):** Graduates can appear for exams conducted by PSUs like Hindustan Latex Limited (HLL) , GAIL, and other state-owned enterprises that require expertise in material science, manufacturing, and quality control.
- **Union Public Service Commission (UPSC):** A B.Tech in Footwear Technology serves as a strong technical foundation for UPSC exams and other technical roles within the government.
- **Staff Selection Commission (SSC):** Positions like Junior Engineers or roles in allied industries can be pursued through SSC exams.

### **2. Government Organizations and Initiatives:**

- Opportunities exist in agencies like the Central Footwear Training Institutes (CFTIs), Leather Research Institutes, and the Footwear Design and Development Institute (FDDI), CLRI.
- Roles include trainers, researchers, or technical officers working on industry development and training programs.

### **3. Banking and Administrative Roles:**

- Students with managerial aspirations can target exams like IBPS, SBI PO, or State Administrative Services, leveraging their analytical and organizational skills.

## **Higher Studies**

### **1. Master's Programs:**

- **Footwear Technology and Design:** Specialized postgraduate programs in footwear design, materials science, or ergonomics are available globally and in India, including at institutions like FDDI and NIFT.
- **Business Administration (MBA):** An MBA with a focus on operations, supply chain management, or marketing can open managerial roles in the footwear or allied sectors.
- **International Opportunities:** Universities in countries like the UK, Italy, and Germany offer advanced courses in footwear design and manufacturing, which also provide exposure to global industry standards.

### **2. Research and Development:**

- Graduates interested in innovation can pursue research-oriented programs focusing on smart footwear, sustainable materials, or biomechanics.
- Opportunities for funded Ph.D. programs are available through scholarships like CSIR, UGC-NET, or international grants.

## **Defence Sector**

### **1. Footwear Technology in the Armed Forces:**

- Mr. Gola explained the critical role of footwear technology in the defence sector, where specialized footwear is designed for soldiers deployed in extreme conditions like deserts, mountains, or underwater.
  - Organizations like the Defence Research and Development Organization (DRDO) and Ordnance Factories recruit B.Tech graduates for developing high-performance materials and footwear solutions.
- 2. Direct Recruitment:**
- Graduates can also explore technical positions in the armed forces through exams like the Indian Army's TGC (Technical Graduate Course) or the Indian Navy's SSC (Short Service Commission).

## **Entrepreneurship and Start-ups**

Mr. Gola discussed entrepreneurship as a viable option for those inclined towards innovation and self-employment. Footwear start-ups focusing on customization, eco-friendly designs, or orthotics can thrive with government support through schemes like Make in India, Start-up India, and MSME funding.

## **Emerging Fields and Global Careers**

- 1. Sustainability and Green Technology:**
  - The growing demand for sustainable footwear presents opportunities to work with global brands or NGOs working on environmentally friendly solutions.
- 2. Digital Footwear Technology:**
  - Roles in 3D printing, smart manufacturing, and IoT-enabled footwear are emerging rapidly, requiring advanced technical skills.
- 3. Global Exposure:**
  - International organizations like Nike, Adidas, and Puma frequently recruit from top footwear technology institutes for roles in design, manufacturing, and quality control.

## **Essential Skills and Preparation**

- 1. Skill Development:**
  - Students must focus on technical skills (CAD, material science) and soft skills (teamwork, communication).
  - Certifications in advanced software tools, sustainability practices, or digital marketing can enhance employability.
- 2. Preparation for Exams:**
  - For government roles, candidates should focus on general aptitude, technical knowledge, and industry trends.
  - Mock exams, coaching, and self-study are crucial for competitive exams like UPSC, SSC, and TGC.

## **Conclusion**

Mr. Sachin Kumar Gola concluded his lecture by encouraging students to explore unconventional paths and stay adaptable in a rapidly changing job market. He encouraged students to stay updated with industry trends, continuously enhance their skills, and maintain a proactive attitude toward learning and growth. He reiterated that a combination of technical expertise, creativity, and industry exposure would ensure a successful career in this dynamic field. He emphasized the importance of

continuous learning, networking, and leveraging industry connections. Whether through government exams, advanced education, or innovative ventures, the potential for success after a B.Tech in Footwear Technology is vast and varied. This summary captures the essence of Mr. Sachin Kumar Gola's lecture, outlining the career prospects and guidance offered to B.Tech (Footwear Technology) students.







