



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENTS OF AI&DS – CSE(DS)

DATA WRANGLERS

**Workshop on
ENTREPRENEURSHIP & CAREER GUIDANCE**

17 SEPTEMBER 2025
MNR AUDITORIUM-JBIET
10:00 AM



PRODUCTION-4

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INTRODUCTION

One of the most insightful highlights of the Engineers' Day 2025 celebration was the interactive and motivational session on "Entrepreneurship and Career Guidance" delivered by the renowned speaker and digital educator, Tech Boy Deepak. His session aimed to ignite the entrepreneurial spirit among young engineers and guide them on how to align their technical skills with real-world career opportunities.

Inspiring the Entrepreneurial Mindset

Tech Boy Deepak began by explaining that entrepreneurship is not just about starting a company—it is about identifying problems, innovating solutions, and creating value. He encouraged students to think like problem-solvers rather than job-seekers, emphasizing that true engineers are innovators at heart.

He shared stories of how simple ideas, when executed with consistency and creativity, evolved into successful ventures. Through his own journey, he illustrated the importance of courage, vision, and persistence in the world of entrepreneurship. Deepak also stressed the need to understand market gaps, customer needs, and technology trends before launching any product or service.

ABOUT THE ORGANIZERS

The Data Wranglers Club of JBIET is a student-driven community under the Department of Data Science that has rapidly become a hub for creativity, innovation, and collaboration. Since its inception, the club has worked tirelessly to nurture both technical and non-technical skills among students by hosting events, workshops, competitions, and publishing initiatives.

The club's vision is to empower students with exposure to real-world technologies, creative thinking, and teamwork, thereby bridging the gap between classroom learning and industry requirements. Its mission revolves around promoting a culture of problem-solving, leadership, and peer-to-peer learning.



KEY TOPICS COVERED

- The importance of entrepreneurial thinking among engineering students and how innovation drives the modern economy.
- Insights into transforming technical ideas into viable startups with limited resources and strong determination.
- Understanding the difference between employment and entrepreneurship and identifying which path best suits individual strengths.
- Discussion on emerging technologies and digital platforms that enable self-employment and remote business opportunities.
- The need for effective networking and mentorship in building a successful entrepreneurial journey.
- Guidance on personal branding, resume building, and professional communication for career advancement.
- Exploration of AI, data science, and automation trends shaping the future of engineering and entrepreneurship.
- Techniques for time management, consistency, and resilience as essential traits for both career growth and startup success.
- Emphasis on innovation-driven problem-solving and contributing to societal progress through engineering solutions.
- Encouragement for students to take risks, think beyond academics, and explore diverse career opportunities across industries.

THE SPEAKER AND THEIR INSIGHTS

MR. TECH BOY DEEPAK

TECH INFLUENCER



Transitioning to career guidance, Deepak shared a roadmap for students aspiring to build a strong professional foundation. He highlighted that the most successful professionals are those who continuously learn, adapt, and evolve. He outlined the “Four Pillars of a Future-Ready Engineer” –

1. **Technical Mastery:** Staying updated with the latest technologies such as AI, Data Science, Cloud Computing, and Automation is crucial for long-term success.
2. **Creative Thinking:** Beyond technical skills, the ability to think differently and find unique solutions distinguishes great engineers from good ones.
3. **Communication and Networking:** Effective communication, personal branding, and professional networking are vital to growth in both corporate and entrepreneurial paths.
4. **Ethics and Purpose:** Deepak reminded students that true success lies not only in financial gain but in making a positive societal impact through technology.

He encouraged students to explore internships, freelancing, online certifications, and project-based learning as ways to gain hands-on experience. Deepak also spoke about the growing relevance of AI-powered job markets, where adaptability and learning agility matter more than mere qualifications.

- Deepak emphasized that one of the biggest challenges faced by engineering graduates today is the gap between academic learning and industry expectations. He urged colleges and students to focus more on practical implementation, innovation-based learning, and interdisciplinary collaboration.
- He shared practical advice for students aspiring to build their careers in technology-driven fields:
- Start working on personal or open-source projects early.
- Develop digital portfolios showcasing real-world applications.
- Attend hackathons and innovation challenges to gain exposure.
- Build a personal brand online using platforms like LinkedIn and GitHub.
- Connect with mentors and industry professionals who can offer guidance.
- This portion of his talk motivated students to take responsibility for their own learning journey rather than depending solely on institutional education.



STUDENT PARTICIPATION AND ENGAGEMENT

As part of the institute's Career Readiness Series, the guest session with Deepak was highly anticipated—and it did not disappoint. With his diverse professional background and approachable demeanor, Deepak quickly captured the attention of the audience. From the outset, he established a strong connection with the students, drawing from his own experiences to bridge the gap between academic learning and real-world challenges. His ability to simplify industry insights while keeping the discussion engaging made the session both informative and inspiring.

The session left a lasting impression on the students, who found Deepak's talk both relatable and aspirational. Many attendees noted that his storytelling style, practical examples, and energetic presentation made complex concepts easy to grasp. His advice on self-learning, networking, and resilience resonated deeply with final-year students preparing for their careers.

By the end of his talk, the atmosphere in the auditorium was filled with enthusiasm and a renewed sense of purpose. Students were motivated to take ownership of their career paths, to be bold in their choices, and to view challenges as opportunities for innovation.



ACKNOWLEDGEMENTS

The Data Wranglers Club of JB Institute of Engineering and Technology extends its heartfelt gratitude to Tech Boy Deepak for gracing the Engineers' Day Celebration 2025 with his inspiring session on Entrepreneurship and Career Guidance. His presence added immense value to the event, motivating young engineers to explore the vast opportunities beyond academics and develop a mindset of innovation and self-reliance.

We sincerely thank the Principal, Head of the Department of Data Science, and faculty coordinators for their constant encouragement and for providing a platform that connects students with such visionary leaders. A special note of appreciation is also extended to the organizing committee members, student volunteers, and the technical support team whose tireless efforts ensured the seamless execution of this impactful session.



CONCLUSION

The session by Tech Boy Deepak served as a powerful inspiration for all attendees, redefining how students perceive entrepreneurship and career building in the digital age. His words encouraged participants to identify their strengths, utilize modern technology effectively, and transform their innovative ideas into meaningful ventures.

By blending practical wisdom with personal experiences, he ignited a spark of curiosity and confidence among students, motivating them to become self-starters and problem solvers in their chosen domains. The event not only provided career direction but also instilled the belief that success is achievable through creativity, consistency, and courage.

The Data Wranglers Club proudly acknowledges this session as a milestone in its journey toward nurturing future innovators and entrepreneurs. Inspired by his message – “Don’t wait for opportunities; create them” – the club aims to continue organizing such insightful programs that empower students to dream big, act boldly, and lead purposefully.

