Report on "Future-Ready Careers: Emerging Opportunities, AI Impact & Smart Career Planning"

INTRODUCTION

A Career Guidance Program on the topic **"FUTURE-READY CAREERS: EMERGING OPPORTUNITIES, AI IMPACT & SMART CAREER PLANNING"** was successfully organized on 17 February 2026 at 02:30 P.M. in the Placement Seminar Hall for the students of III B.Tech II Semester – ECM and IT.

The program aimed to provide students with insights into emerging career opportunities, the growing impact of Artificial Intelligence (AI) across industries, and effective strategies for smart career planning.

PRE-PROGRAM DISCUSSION

Before the commencement of the session, a formal discussion was held in the Principal's Chamber.

Dr. S. Arunachalam, Dean, BSM, Hyderabad, and **Mrs. Divya** from **Career Valley** interacted with **Dr. P.C. Krishnamachary, Principal, JBIET**.

The meeting was also attended by **Dr. I. Sudarsan Kumar**, **Dean – College Development**, and **Dr. J. Kartigeyan, Dean – Student Affairs**.

The discussion focused on industry–institution collaboration, enhancing employability skills among students, and conducting more career-oriented programs to prepare students for future challenges. Following this interaction, the dignitaries proceeded to the Placement Seminar Hall, and the program formally commenced.

PROFILE OF THE RESOURCE PERSON

The session was delivered by **Dr. S. Arunachalam, Dean, BSM, Hyderabad**; **Professor of Marketing; Former Faculty, Texas Tech University**; and **Former Academic Director, Centre for Business Innovation & Faculty, Indian School of Business (ISB)**.

With extensive academic and international experience, Dr. Arunachalam shared valuable insights into global career trends, interdisciplinary learning, and the integration of AI in professional domains.

OBJECTIVES OF THE PROGRAM

The key objectives of organizing the program were:

1. To create awareness about traditional and emerging career opportunities after graduation.
2. To introduce students to industry-driven skills and emerging specializations.
3. To explain the impact of Artificial Intelligence on careers and employment trends.

4. To guide students in using AI tools for career mapping and planning.
5. To motivate students to develop a structured and future-oriented career roadmap.

SESSION HIGHLIGHTS

The session covered the following important themes:

Career Opportunities: Traditional to Future Careers

The speaker explained how career options have evolved from conventional roles to modern interdisciplinary careers combining engineering, management, analytics, and technology. Students were encouraged to explore diversified career paths and build multi-domain competencies.

Emerging Specialisations & Industry-Driven Skills

Dr. Arunachalam highlighted emerging fields such as Artificial Intelligence, Data Science, Cyber Security, FinTech, Digital Marketing, and Business Analytics. He emphasized the importance of certifications, internships, and practical exposure to meet industry expectations.

Artificial Intelligence: Impact on Careers & Jobs

The resource person elaborated on how AI is transforming industries by automating repetitive tasks while creating new job roles in AI development, data governance, and intelligent systems. He encouraged students to upskill and view AI as a tool for growth rather than a threat.

AI Tools & Smart Career Planning

Practical guidance was provided on leveraging AI tools for resume building, skill analysis, interview preparation, and career mapping. Students were advised to set short-term and long-term goals and continuously upgrade their skills.

STUDENT PARTICIPATION

The session witnessed active participation from **120 students**. The program was interactive, with students raising queries related to higher studies, placements, specialization choices, and entrepreneurship. The resource person addressed these queries with practical examples and global perspectives, making the session engaging and informative.

OUTCOMES OF THE PROGRAM

The program achieved its intended objectives and resulted in the following outcomes:

- Students gained clarity regarding future career paths.
- Awareness was created about emerging industry domains.

- Participants understood the relevance of AI in modern careers.
- Students were motivated to pursue certifications, internships, and skill development initiatives.
- Enhanced confidence among students to plan their careers strategically.

The session significantly contributed to improving students' awareness of future-ready skills and professional preparedness.

FEEDBACK FROM STUDENTS

The feedback received from students was overwhelmingly positive. Students expressed that:

- The session was highly informative and relevant to current industry trends.
- The explanation on AI impact and career transformation was clear and practical.
- The speaker's real-time examples and global exposure enriched their understanding.
- The session helped them gain clarity in selecting specializations and planning higher studies.

Many students requested the organization of more such career guidance and industry-focused sessions in the future.

CONCLUSION

The Career Guidance Program on "**FUTURE-READY CAREERS: EMERGING OPPORTUNITIES, AI IMPACT & SMART CAREER PLANNING**" was successfully conducted on 17 February 2026. The program provided valuable insights and strategic direction to III B.Tech II Semester – ECM and IT students.

The initiative **organized** by **Dr. J. Kartigeyan, Dean – Student Affairs**, played a significant role in enhancing students' awareness of emerging opportunities and AI-driven career planning.

The management and Principal appreciated the efforts taken to organize the program and encouraged the continuation of similar initiatives for the holistic development of students.
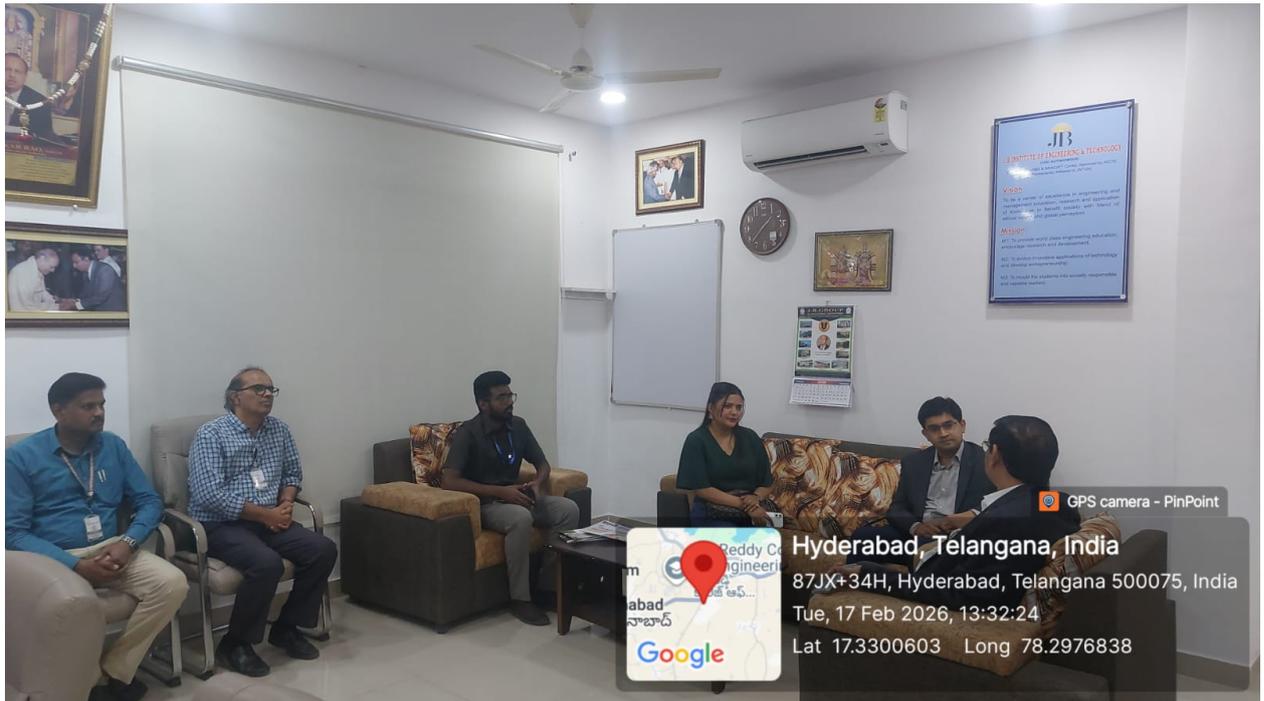
Figure 1: Pre-Program Interaction with Dr. S. Arunachalam and Mrs. Divya in the Principal's Chamber, in the presence of the Principal and Deans.

Figure 2: Presentation Slide on "Industry Immersion Programs" Highlighting Practical Exposure and Industry-Integrated Learning Opportunities.
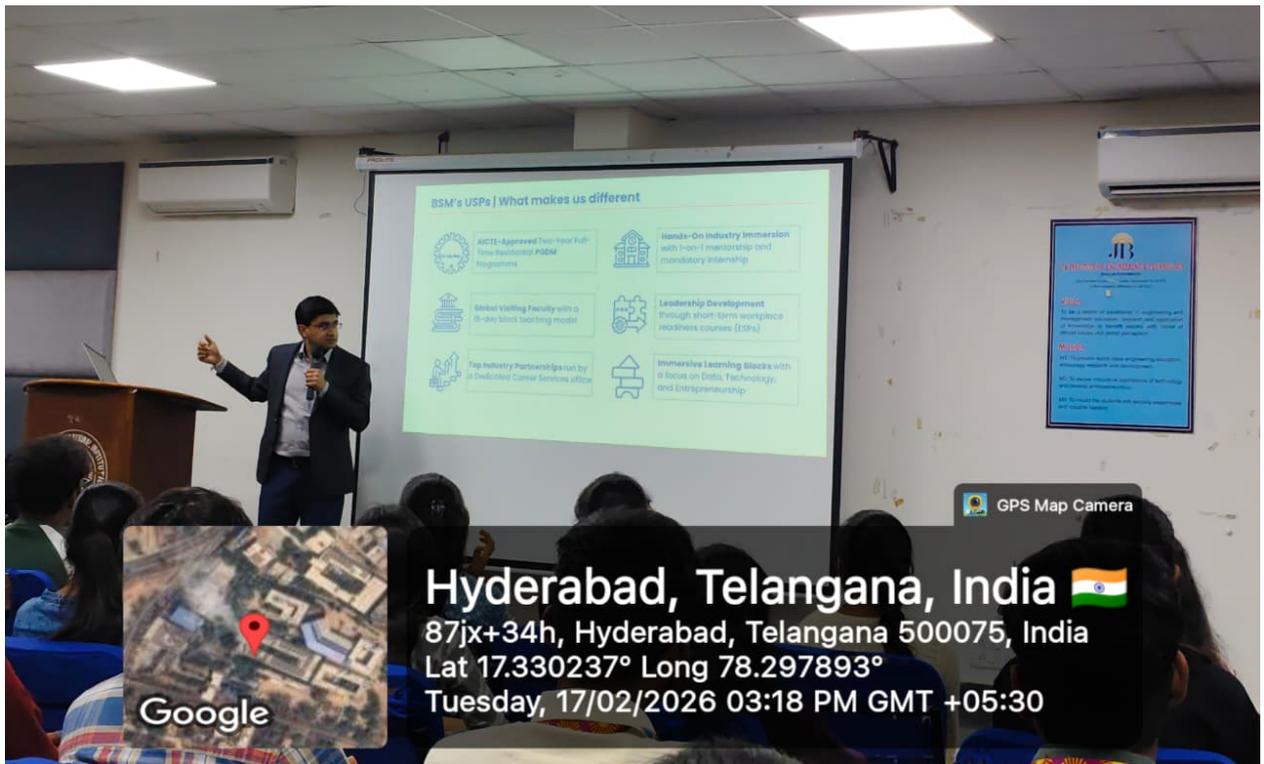
Figure 3: Session on "Why an MBA / PGDM Makes You Different" – Emphasizing Leadership, Industry Readiness, and Career Advancement.

Figure 4: Presentation on "Skill Progression Overview" and Development of Industry-Relevant Competencies.

Figure 5: Dr. S. Arunachalam Explaining "Tools & Technologies Used During Projects" Including Web Scraper, Python, Power Automate, and Netigen AI.

Figure 6: Explanation of Career Pathways, Placement Opportunities, and Future-Ready Professional Development.
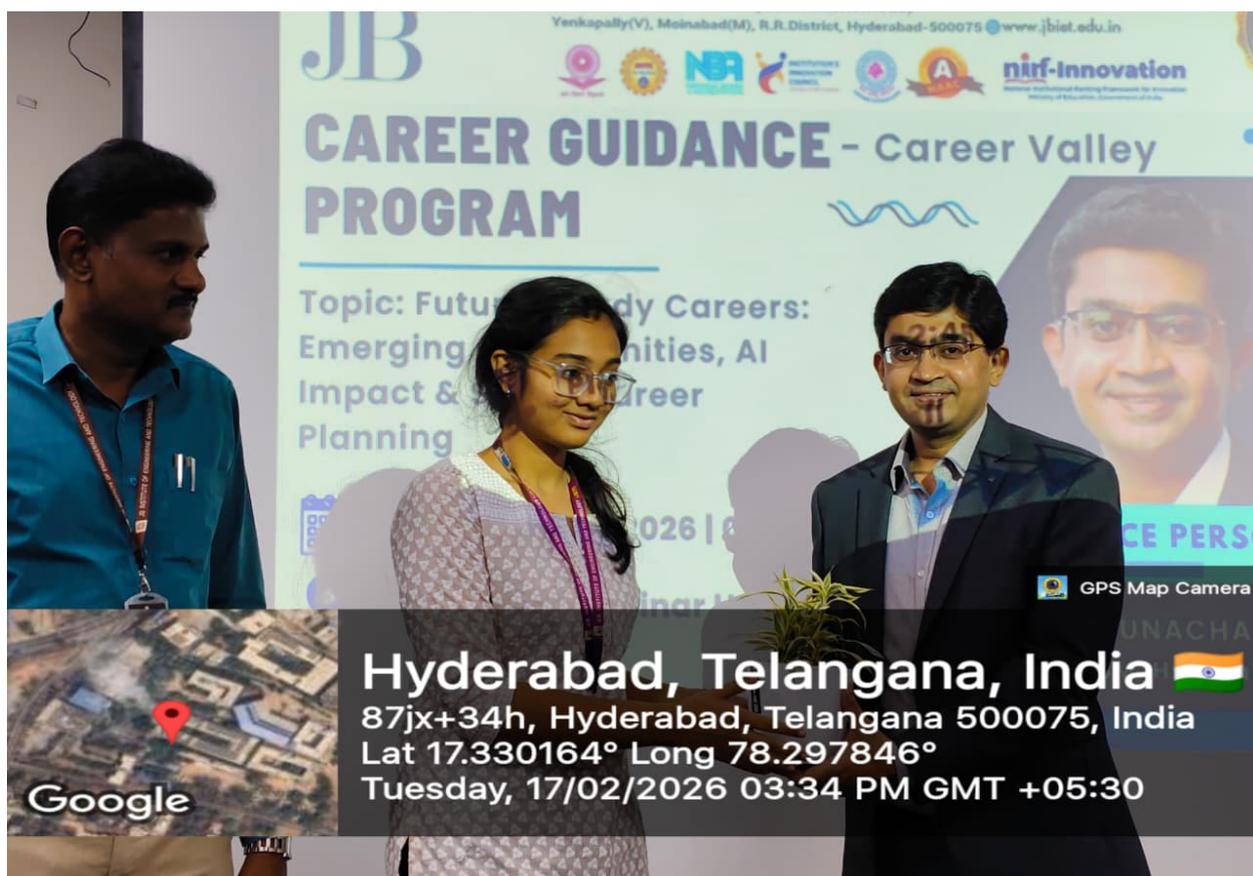
Figure 7: Felicitation of the Resource Person in Recognition of His Valuable Contribution to the Career Guidance Program.

DEAN OF STUDENT AFFAIRS