

## **Research Article**

# **Proactive Entrepreneurial Characteristics of Science and Technology (S&T) Students: An Empirical Study in Indian Context**

### **Abstract**

This paper through empirical evidence examines the entrepreneurial tendencies among Science & Technology (S&T) graduates in India. The study is the first of its kind, where we carried out an extensive research to understand the entrepreneurial psyche among (S&T) students from India based institutions of national repute i.e., Indian Institute of Technology and National Institute of Technology. The study found that there is a low level of interest among students to pursue an entrepreneurial career. On psychological context, factors like, self-efficacy, locus of control, innovativeness, achievement orientations were found to be positively influencing students' entrepreneurial aspirations, but surprisingly not the risk taking propensity. Moreover, environmental factor like existence of vital resources was found to motivate entrepreneurship. On policy implication per se, our finding concludes with suggestions like—imparting entrepreneurial knowledge through programs especially designed for S&T graduates. Additionally, on entrepreneurial ecosystem context, policy makers can pave new dimensions by creating an environment that serves as a catalyst for high-tech venturing.

**Keywords:** Entrepreneurial Intention, entrepreneurship education, science & technology graduates.