

## **Future Ready Engineers: Bridging Academia and Industry**

### **To:**

Heads of Institutions, Department of Computer Science and Engineering

### **Submitted By:**

BBAK Technologies, Bangalore

Ph: +91-797571 4672

Email: bbaktech@gmail.com

To equip engineering students with industry-relevant skills, practical exposure, and soft competencies that enhance employability, innovation, and entrepreneurial potential.

“**Future Ready Engineers**” is a structured skill-building initiative designed to complement academic learning with hands-on training, real-world problem solving, and career readiness. The program blends technical workshops, soft skill modules, mentorship, and project-based learning.

### **1. \*Technical Skill Tracks\***

- Full Stack Web Development
- Data Science & AI/ML
- Embedded Systems & IoT
- Cloud Computing & DevOps
- Cybersecurity Fundamentals

### **2. \*Soft Skills & Career Readiness\***

- Communication & Presentation Skills
- Resume Building & Interview Prep
- Leadership & Team Collaboration
- Time Management & Productivity

### **3. \*Industry Exposure\***

- Guest Lectures by Industry Experts
- Hackathons & Innovation Challenges
- Internship & Placement Support
- Capstone Projects with Real Clients

### **4. \*Certification & Recognition\***

- Certificates for each completed module
- Showcase events for top projects
- LinkedIn endorsements and badges

### **A. Learning Methodology**

- \*Hybrid Delivery\*: Online + On-campus workshops
- \*Mentorship\*: frequent check-ins with industry mentors
- \*Peer Learning\*: Group projects and collaborative tasks
- \*Gamification\*: Leaderboards, rewards, and challenges

### **B. Duration & Schedule**

- Total Duration: 12 weeks
- Weekly Commitment: 4-5 hours
- Flexible scheduling to align with academic calendar

### **C. Benefits to the Institution**

- Enhanced placement outcomes
- Stronger industry-academia linkage
- Improved student engagement and retention
- Recognition as a future-focused institution

#### **D. Investment & Support**

We offer flexible pricing models based on cohort size and delivery format. Sponsorships and CSR partnerships may be available to subsidize costs.

#### **E. Next Steps**

We propose a pilot batch with 50–100 students from 3rd and 4th year engineering streams. A kickoff orientation can be scheduled within the next 30 days.

Note: skill sets are customised based on industry demands.

Let's build the future of engineering talent—together.