Ref: NA/___/2026 **Date:** November 19, 2026

To,

[College Name]

[Address]

Subject: Official Action Memorandum for Engineering Workforce Transformation – Implementing Self-Sustaining Robotics Lab Ecosystems & Commercial R&D Led by Engineering Graduates across Bengaluru & Karnataka

Respected Sir/Madam,

I am writing to you on behalf of **Novatech Robo Pvt. Ltd.** Founded as one of India's pioneering hands-on STEAM and robotics organizations, we have directly upskilled over 1,00,000 students from 2nd grade to engineering post-graduates. Our international stature is backed by scholars from **Aalborg University, Denmark** completing research at our facilities, and our longstanding association since 2013 with **Robofest at Lawrence Technological University (LTU), Michigan, USA**, and the **MRC Robotic Olympiad (Greece)**.

The Reality:

Every year, nearly 15 lakh engineers complete their degrees across the country, yet only about 15% secure immediate industry employment. Meanwhile, Karnataka remains an engineering powerhouse producing roughly **1.5 lakh engineering graduates annually**, internal metrics reveal that **only 17%** secure immediate, industry-ready employment. This creates a dual socio-economic vulnerability: highly capable engineering graduates—both in Bengaluru and from across Karnataka's districts—face deep career stagnation, while 60% of urban schools in cities like Bengaluru and over 95% of semi-urban and regional institutions still lack access to practical, hands-on future-tech robotics tools.

Furthermore, even when ambitious graduates attempt to start their own ventures, **90% of Indian startups fail within the first five years**—with over 5,000 startups shutting down in 2024 alone (including 644 in Karnataka). Nearly **36% fail due to a lack of genuine market demand, 35% run out of cash** from early scaling and budgeting gaps, and many collapse due to weak founding teams or failing to build a trusted brand narrative that connects with real customers (answering what problem they solve, why it matters, and why people should trust them).

To bridge both gaps simultaneously—and eliminate this 90% startup failure risk—we have launched a structured, performance-driven, self-sustaining socio-economic ecosystem for **Engineering Graduate Transformation Program**. **The thumb rule of selection is No interview all are Welcome. Our company will provide this complete robotics training to your engineering graduates.** Rather than leaving your graduates unemployed, stuck in non-core jobs, or taking traditional written exams, we form them into core teams, train them hands-on, deploy them to mentor Bengaluru and regional schools, and promote top performers into commercial robot manufacturing.

Here is how your engineering graduates will progress through our **4-Stage Execution Model**:

• Stage 1: Intensive Technical Boot Camp & Outreach (Days 1 to 14)

Selected graduates are subject to an intensive 14 day technology and pedagogical transition program provided by our company using our proprietary **Novabot** robotic kits, **NovaBoard** development boards, and **NovaSoft** GUI-based programming, alongside **Arduino, Python, and multi-processor architectures**. They master motors, sensors, programmable bricks, and mechanical components by building autonomous **line-following, object-avoiding, and edge-avoiding robots** to execute various technical challenges.

• Stage 2: School Allotment & Student Mentorship (Days 15 to 30)

Upon completing initial training, each graduate group is allotted schools across Bengaluru (or their preferred regional hubs) and assigned **10 to 15 student teams** to train. Graduates should implement what they have learned in the training. This concept builds both job and technical knowledge to reputed students technology experts. The success of these school teams becomes the direct responsibility of the graduate mentors. During this stage, **graduates are paid nominal charges**, and their assessment is directly linked to their performance and their teams' progress.

• Stage 3: Official Robotics Competitions & Rewards (Days 31 to 40)

We eliminate traditional exam anxiety by replacing rote-learning tests with practical, competition-driven milestones. By bringing international platforms like Robofest to urban and semi-urban sectors alike, we shift the student mindset from passing exams to solving real-world challenges. This builds immediate confidence, critical thinking, and teamwork. Instead of leaving engineering talent unemployed or underutilized, we turn engineering graduates into localized **"Robotics & Tech Franchise Entrepreneurs"** across Bengaluru and Karnataka. These graduates lead their trained school teams into **Competition 1 and Competition 2**. Mentors whose school teams win will be provided **performance incentives and minimal stay/living support**, along with direct promotion to our advanced commercial R&D level (Level 2).

• Stage 4: Level 2 Promotion — Commercial & Humanoid Robot Development (Post-Day 40)

Excellent performers selected from across different teams to build and market advanced commercial robots—including **Humanoid Robots, Educational/Teaching Robots, Receptionist Robots, Hotel Robots, Service Robots, and Drones** (building on our proven track record, including interactive humanoid service systems deployed for organizations like NASSCOM in Bengaluru). We actively accommodate diverse skill sets across **AI, IoT, 3D Printing, Embedded Systems, Mechanical, Electronics, Computing, Training, Management, and Marketing**. At this level, members are deeply involved in live commercial projects and are **paid based on individual and project performance**.

How Your Institution and Students Benefit Directly with this Partnership

- **Immediate Bangalore Employment:** We will select and train your seniors, recent graduates, or unemployed youth in the district to become certified expert robotics trainers and project managers, providing them with high-tech jobs right in their hometown

- **Global Exposure (No Written Exams):** We eliminate traditional exam stress. Your students will build autonomous robots to compete on world-class international platforms with which we are associated, including **Robofest** (Lawrence Technological University, Michigan, USA) and **MRC Olympiad** (Greece), covering robotic sports from Marathon to Archery

- **Advanced Bangalore Applications:** Our curriculum introduces advanced engineering, including drones, humanoid teaching systems, hospitality automation, and agricultural robotics, specifically engineered for local and regional utility.

Unlike standalone startup that struggle with cash burn, product-market fit and brand trust our graduate's step directly into Novatech Robo's proven market demand, established brand narrative and debt-free hardware ecosystem. They set up self-sustaining, local plug-and-play lab ecosystems inside schools and colleges across Bengaluru districts, securing immediate income for themselves while upskilling the next generation.

We are fully equipped with the kits, the curriculum and the deployment blueprint. We require your administrative and institution support, venue validation and regional network to roll this out immediately. Let us collaborate to transform [College Name] into a self-sustaining hub of next-generation tech talent.

I welcome your team to discuss the opportunity and how we can bring this immediate deployment to your campus this or coming month.

Warm regards For,



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