



**National Institute of Technology
Tiruchirappalli - 620 015**

CONVOCATION 2026

DIRECTOR'S REPORT



Dr. G. Aghila
Director
NIT, Tiruchirappalli

22nd Convocation Address – NIT Tiruchirappalli

by Prof. Abhay Karandikar, Member - NITI Aayog, GOI

Hon'ble Chairman of the Board of Governors, Director of the National Institute of Technology Tiruchirappalli, Members of the Governing Body, Senate members, members of the faculty, researchers, staff, alumni, distinguished guests, proud parents, and my dear graduating students.....

It is both an honour and a privilege to address you today at the **22nd Convocation of the National Institute of Technology Tiruchirappalli**. I extend my warm greetings to everyone gathered here today and offer my heartfelt congratulations to every graduating student who is about to receive a well-earned degree. This is a moment of celebration—not only for you, but also for your parents, families, teachers, mentors, and everyone who has supported you in this remarkable journey.

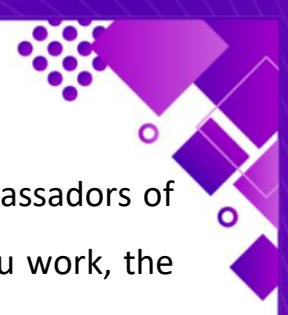
Graduation ceremony is not merely formalities; it is a celebration of dreams realized and a launching pad for future endeavours. Each of you has worked tirelessly to reach this point, overcoming challenges, seizing opportunities, and pushing beyond your limits. Today is a testament to your resilience and commitment, and I am thrilled to share this special moment with you. The journey you've undertaken here has undoubtedly equipped you with the knowledge, skills, and most importantly, the confidence to thrive in a world increasingly driven by technology and today we come together to recognize and celebrate the determination and dedication that have brought you to this juncture.

NIT Tiruchirappalli has earned a place among the finest technical institutions in the country through decades of consistent excellence. From its origins as a **Regional**



Engineering College established in 1964 to its present stature as an **Institution of National Importance**, the institute has continuously expanded its contributions to engineering, science, technology, management, architecture, and interdisciplinary research. Its achievement of being ranked as the highest-ranked National Institute of Technology in the country for ten consecutive years under the National Institutional Ranking Framework is a reflection of sustained academic excellence and institutional leadership. Spread across a beautiful 800-acre green campus, the institute today hosts **17 academic departments**, offers a wide range of undergraduate, postgraduate, and doctoral programmes, and awards more than **2,000 degrees every year**. The campus is supported by world-class laboratories, an extensive central library, advanced computing facilities, a **650 TF hybrid supercomputing facility**, vibrant student activity centres, and excellent sports infrastructure.

What makes NIT Tiruchirappalli truly distinctive is its **strong culture of research, innovation, and entrepreneurship**. The institute has established **Centres of Excellence** in areas such as **Artificial Intelligence, Space Technology, Transportation Engineering, Manufacturing, Corrosion and Surface Engineering, and Advanced Manufacturing and Automation**. Through its **Centre for Entrepreneurship Development and Incubation (CEDI)**, it has created a dynamic ecosystem that encourages students and researchers to translate ideas into impactful technologies and successful startups. The institute's close engagement with industry, government agencies, and research organizations has enabled it to contribute meaningfully to national priorities while also building a strong global reputation through its accomplished alumni network. At a time when India is placing unprecedented emphasis on research, innovation, and technology-led development, institutions such as NIT Tiruchirappalli have a vital role in nurturing talent, advancing frontier technologies, and developing solutions that serve society and strengthen the nation.



As you receive your degree today, remember that you also become ambassadors of this great institution. The values you uphold, the integrity with which you work, the innovations you create, and the impact you make on society will define not only your own journey but will also strengthen the legacy of your alma mater. The reputation of an institution grows through the achievements of its graduates, and I am confident that each one of you will carry forward the proud legacy of NIT Tiruchirappalli with distinction.

You are graduating at a truly extraordinary time. Throughout history, every generation has witnessed technological change. But the pace and scale of transformation that we are witnessing today are unprecedented. Artificial Intelligence is redefining the way we work and live. Quantum technologies are opening entirely new possibilities in computing and secure communications. Semiconductor technologies are becoming the backbone of modern economies. Advances in biotechnology are transforming healthcare and agriculture. Space technologies are expanding our scientific and commercial frontiers, while clean energy and advanced manufacturing are reshaping industries across the world. These technologies are not evolving in isolation. They are converging to create new opportunities, new industries, and new ways of solving some of humanity's most pressing challenges.

The encouraging news is that India is not merely participating in this technological transformation—we are helping shape it. Whether it is **Digital Public Infrastructure, affordable digital services, space technology, renewable energy, biotechnology, or one of the world's fastest growing startup ecosystems**, India has demonstrated that it can develop world-class solutions and deliver them at an unprecedented scale. Today, the world increasingly looks towards India not only as a large market but also



as a trusted innovation partner, a source of talent, and a nation capable of addressing global challenges through science, technology, and innovation.

As India advances on this remarkable journey, we have set for ourselves an ambitious national aspiration—the vision of **Viksit Bharat@2047**. This vision is not simply about becoming a larger economy. It is about building a nation that is prosperous, technologically advanced, environmentally sustainable, socially inclusive, globally competitive, and committed to improving the quality of life of every citizen. Achieving this vision will require bold ideas, scientific excellence, technological leadership, and above all, the energy and aspirations of our young people.

As you step out of this campus today, carry with you the confidence that your education has prepared you well, but also the humility to continue learning throughout your life. The future belongs to those who remain curious, embrace change, and are willing to continuously reinvent themselves. I have no doubt that the education you have received at NIT Tiruchirappalli has equipped you with strong foundations to succeed in a rapidly changing world. More importantly, I hope it has inspired you to use your knowledge not merely to build successful careers, but to build a stronger nation and a better future for humanity.

The Road to Viksit Bharat@2047: Your Role in India's Transformation

The journey towards **Viksit Bharat by 2047** is not the responsibility of government alone. It is a national mission that calls for the participation of every citizen, every institution, and every young mind. As graduates of one of India's premier technical institutions, you have a special role to play in this journey. Your education has equipped you not only with knowledge and skills but also with the ability to solve problems. Every engineer is, at heart, a problem solver, and every meaningful solution



contributes to nation building. When India celebrates **one hundred years of Independence in 2047**, you will be in the most productive years of your professional lives. Many of you will lead research laboratories, build globally competitive companies, create technologies that improve lives, shape public policy, teach future generations, or become entrepreneurs solving problems that we cannot even imagine today. The India of 2047 will be shaped not only by governments or institutions but also by the ideas you pursue, the innovations you create, the values you uphold, and the lives you touch. That is both the privilege and the responsibility that comes with the education you have received.

The Power of Youth in Nation Building

India's greatest strength lies in its young people. With one of the world's youngest populations, we have an extraordinary demographic advantage. But this advantage becomes meaningful only when young minds are educated, skilled, innovative, and committed to creating value for society. As you begin your professional journey, strive for excellence in your chosen field. But also ask yourself: ***How will my work improve the lives of others? How will my knowledge contribute to society?*** These questions distinguish successful professionals from transformational leaders. India needs not only job seekers but also job creators, innovators, researchers, and entrepreneurs who can develop solutions for our nation's challenges and contribute to global progress.

Nation-building is not an abstract idea. It manifests in the roads and infrastructure you design, the power and energy systems you build, the water you conserve, the healthcare technologies you develop, the software you create, and the enterprises you establish. Be socially conscious engineers, scientists, and innovators. Ensure that technology bridges divide rather than deepens them, and that progress is inclusive and sustainable.

Seva Bhav: The Spirit of Service

One of the enduring values of our civilization is **Seva Bhav**—the spirit of selfless service. Whatever profession you choose, let service remain at the heart of your work. A **scientist developing affordable healthcare technologies, an engineer designing resilient infrastructure, an entrepreneur creating employment, or a teacher shaping future generations—all embody *Seva Bhav***. Technology achieves its highest purpose when it improves lives, and innovation becomes truly meaningful when it benefits society. Let your knowledge always be guided by compassion, purpose, and a commitment to the greater good. **Your education at NIT Tiruchirappalli has prepared you not just to excel in your careers, but to contribute to a greater good. If you carry this spirit of service with you, your impact will go far beyond industries and institutions—you will transform communities, strengthen the nation, and inspire humanity.**

Engineering Graduates in the Age of Artificial Intelligence

You are graduating at a time when Artificial Intelligence is transforming every sector of the economy. While AI will change the way we work, it cannot replace the qualities that define human intelligence—curiosity, creativity, critical thinking, and ethical judgement. In fact, the AI era makes strong engineering fundamentals even more important. AI cannot build bridges without civil engineers, manufacture advanced systems without mechanical engineers, design communication networks without electronics engineers, or develop sustainable materials without scientists and engineers. **Every breakthrough in AI rests on strong foundations in science and engineering. So, embrace AI, learn AI, and innovate with AI—but never neglect your core discipline. The future belongs to engineers who combine deep domain knowledge with the power of intelligent technologies.**

Research and Innovation: Building India's Future

No nation has achieved technological leadership without investing in research and innovation. Recognising this, the Government of India has announced a **₹1 lakh crore Research, Development and Innovation Fund** to strengthen our research and innovation ecosystem. This landmark initiative aims to accelerate cutting-edge research, foster indigenous technologies, and deepen collaboration among academia, industry, startups, and government.

I encourage you to consider research, innovation, and entrepreneurship as exciting career paths. Whether your interests lie in **Artificial Intelligence, Quantum Technologies, Semiconductors, Biotechnology, Space Technologies, Advanced Manufacturing, or Clean Energy**, the opportunities before you are immense. Innovation is not measured only by commercial success. Its true value lies in improving lives, protecting the environment, strengthening communities, and contributing to national development. **Dream boldly, remain curious, collaborate across disciplines, and use your knowledge to create solutions that make a lasting difference.**

Embrace innovation, compassion, and dedication to make a lasting impact on our nation's well-being. Strive to be true role models and committed allies of your alma mater, working tirelessly to give back to the society and nation that raised and drove you to tremendous heights. It is my wish that the spirit of collaboration that exists across many areas will continue to inspire forward movement and make a substantial contribution to future generations. May this auspicious juncture mark the inception of a splendid new chapter in the annals of your lives. Your stories are just beginning, and I have full confidence that you will unfold stories of **progress, innovation, and ingenuity.**



Swami Vivekananda's timeless words continue to inspire generations of young Indians: **"Take up one idea. Make that one idea your life, think of it, dream of it, live on that idea."** Whatever path you choose, pursue it with conviction, perseverance, and excellence. Dream boldly, work with dedication, and never lose faith in your ability to make a positive difference.

Once again, I congratulate each one of you on this significant achievement. I wish you success in your careers, fulfilment in your lives, and the wisdom to use your knowledge for the benefit of society. May your achievements bring pride to your families, honour to your alma mater, and contribute meaningfully to the progress of our nation.

My best wishes to all of you

Jai Hind



