

# EDUCATIONPLUS

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Selvam Jesiah

As technology transforms the world today, students need to learn new skills and to adapt to the emerging fields and changing dimensions of the workplace. A report from McKinsey revealed that the workforce of the future should be instilled with 56 Distinct Elements of Talent (DELTAs), otherwise called foundational skills, that help young people succeed during their career. DELTAs are a combination of skills and attitudes that are classified under four categories: cognitive, interpersonal, self-leadership and digital. Students can easily learn interpersonal and self-leadership skills if cooperative learning is imparted as a methodology in the regular teaching and learning process.

**What is CL?** Cooperative learning (CL) is widely recognised as a pedagogical practice that develops socialisation and learning through participation among learners. This practice can be adopted across various levels of education and subjects. CL is a student-centred instructional strategy where a small team of students is responsible for an individual's and the group's learning. Each team has set goals and roles are assigned on the basis of skills and capabilities. Each individual is accountable for his/her progress and the team's outcomes. This in-



## Growing together

Introducing Cooperative Learning at all levels of education helps students develop cognitive, interpersonal, self-leadership, and digital skills required for a volatile world.

volves students working together to achieve common goals that they would not or think cannot be completed by themselves. Though the teacher facilitates and structures the majority of the activities, the learning responsibility is totally in the hands of each member and the team. Institutions should introduce CL at the beginning of the academic year

and establish teams with not more than five members that will work for a specific period under the teachers' intervention and monitoring. The teachers should be responsible for creating a positive environment within the team. While the degree of intervention and monitoring will differ depending on the level of education, those at higher levels should require little or mi-

nimum intervention. Teachers can help organise teams rather than allow students to form their own, as a team should be a heterogeneous group with different skill sets, abilities, gender, ethnicity and regional diversity. While learners may differ in their personality and dynamics, those who are unwilling to work in a team and those who offload

their work and responsibility should be identified to ensure they contribute equally. From the beginning, the teacher and each team member must ensure that the team shows interdependence, facilitates one another's learning, is held mutually responsible for process and outcomes, and exhibits acceptable interpersonal skills and process team dynamics.

**Benefits** Research has shown that CL has various benefits. It promotes positive interdependence with learners knowing how to promote each other's success. Most of the future skills and attitudes defined by McKinsey as DELTAs, particularly interpersonal and self-leadership skills, can be learnt irrespective of the individual's level of education. These include empathy, humility, inspiring trust, sociability, developing vision, organisational awareness, role modelling, win-win negotiation, coaching and collaboration, inclusiveness, motivating different personalities, resolving conflict, breaking conventional wisdom, courage and risk-taking, achievement orientation, coping with uncertainty, grit and persistence, ownership and decisiveness, self-development, integrity, self-confidence, self-control and regulation, self-motivation, understanding own emotions and triggers, and understanding own strengths.

Although Indian students have superior technical skills, many lack interpersonal, self-leadership and emotional intelligence needed to survive in a very volatile business and economic environment. This is where CL can be useful if implemented properly.

The writer is Principal, Faculty of Management Sciences, Sri Ramachandra Institute of Higher Education and Research, (Deemed to be University), Chennai.

### SCHOLARSHIPS

**Inlaks Fellowship for Social Engagement**  
Offered by the Inlaks Shivdasani Foundation  
**Eligibility:** Indian citizens born on or after January 1, 1990, and currently residing in India and hold a Bachelor's degree from a recognised Indian institute  
**Rewards:** Up to ₹45,000 a month  
**Application:** Online  
**Deadline:** December 31  
www.b4s.in/edge/FHMF2

**Federal Bank Hormis Memorial Foundation Scholarship**  
An initiative from the Federal Bank Hormis Memorial Foundation  
**Eligibility:** Students who have secured admission under merit in MBBS, B.E., B.Tech, B.Sc. Nursing, MBA, B.Sc. Agriculture, or B.Sc. (Hons) Co-operation and

Banking in a recognised institution and have an annual family income not exceeding ₹300,000  
**Rewards:** 100% reimbursement of tuition fee  
**Application:** Online  
**Deadline:** December 31  
www.b4s.in/edge/FHMF2

**Aadhar Kaushal Scholarship**  
An initiative of Aadhar Housing Finance Limited  
**Eligibility:** Students from across India who have physical disabilities and are pursuing a general or professional UG course with at least 60% in the previous academic year and a gross annual income of up to ₹300,000  
**Rewards:** Between ₹10,000 and ₹50,000  
**Application:** Online  
**Deadline:** January 13, 2026  
www.b4s.in/edge/AKSP2

Courtesy: Buddy4study.com

### GREAT Scholarships

The British Council has announced the GREAT Scholarships 2026-27 in partnership with the U.K. government's GREAT Britain campaign. These scholarships support Indian students with a proven record of academic excellence to pursue postgraduate studies in the U.K. For the 2026-27 academic year, 12

postgraduate scholarships are being offered by leading universities across a range of subjects. Each scholarship provides a minimum of £10,000 towards tuition fees for a one-year taught postgraduate course. These are jointly funded by the U.K. government's GREAT Britain Campaign, the British Council, and the institutions. For details, visit <https://shorturl.at/log7V>

## Build a portfolio

Uncertain about your career options? Low on self-confidence? This column may help



OFF THE EDGE  
Nandini Raman

I am a B.Sc. Electronics graduate more interested in practical work. I am thinking about working as an auto electrician. What courses should I do? Are there other options with better salary? My communications skills are poor so I need a job that doesn't involve too much communication. Fazil

Dear Fazil,  
For a career as an auto electrician, you will need a ITI certificate or a Diploma in Automotive Electronics from a polytechnic or a private institute, which will cover modern vehicle systems.  
Another option is to sign up for a Manufacturer-Specific Certification, which involves being certified by specific car manufacturers such as Maruti Suzuki or Toyota or Hyundai. You can work in authorised car service centres, independent garages, trucking companies or start your own workshop eventually.  
Your B.Sc. Electronics opens doors to fields with significantly higher earning potential than an auto electrician role. Some excellent alternatives are Electronics Hardware and Service Roles as a PCB Design and Testing Technician, a Field Service Engineer (for specific machinery) or an ATM Technician or Service Engineer.  
The Industrial Automation and Control Sector is booming and a great fit for your profile. You could be an Industrial

Automation Technician (may need a short-term diploma or certification in PLC and SCADA programming). The IT and Networking Hardware Side offers Network Support Engineer or Technician roles for which you will require a foundational certification such as Cisco's CCNA.

I have an M.Tech. Structural Engineering from IIT-Kharagpur and am working in a construction company. I want to develop my skills in Behaviour Marketing. Should I do an MBA? Venky

Dear Venky,  
An MBA will give you a comprehensive business foundation, a structured curriculum and networking opportunities. Choose it if you want a complete career transformation. The other alternative is a specialised programme such as an M.Sc. in Behavioural Science or a PG programme in Digital Marketing, which are highly focussed, research-oriented and dive deep into the psychology and neuroscience behind decision-making.  
Online Certifications and Executive Education is the most flexible and immediate way to build this specific skill without leaving your job. Consider programmes on Behavioural Economics and Neuroscience or Digital Marketing with a behavioural focus on online platforms. You can also be self-directed and learn by application. This requires high discipline, but it is the most cost-effective.  
Start with books like *Thinking, Fast and Slow* by Daniel Kahneman, *Predictably Irrational* by Dan Ariely, and *Influence: The Psychology of Persuasion* by Robert Cialdini. I would recommend a

hybrid approach. Start with a high-quality online certification, apply these principles to your current job, document the results and build a portfolio. If this seems transformative, then consider an Executive MBA or specialised Master's programme.

I am a B.Com. graduate preparing for the CAT. I am interested in finance. If I don't clear this exam, what are the alternatives? Vidhya

Dear Vidhya,  
Consider other entrance exams such as XAT, SNAP, NMAT, MAT, or CMAT depending on the institution you want to study at. An MBA from any of these colleges will open doors to finance roles. Other highly specialised and globally recognised Finance Certifications include Chartered Financial Analyst (CFA), Company Secretary (CS), Chartered Accountancy (CA), and Certified Management Accountant (CMA, the U.S.).  
You can also consider specialised degrees such as Master's in Financial Management, PG Diploma in Financial Marketing. All these will open doors to jobs in the banking sector. Consider taking the Bank Probationary Officer exams or the RBI Grade B Officer Exam or the SEBI Grade A Officer exam or the NABARD Grade A/B exams. All of them offer job security, good pay and a clear career path in the financial sector.

I have completed B.Sc. Computer Science and will be doing MCA. What courses should I take to upskill myself for the IT Sector, given the mass layoffs due to AI's impact? Keerthana

Dear Keerthana,  
Build specialised, high-value skills to complement AI rather than compete with it. Move from being a generalist coder to a specialist who can solve complex problems, design systems, and work effectively with AI tools. Courses like Data Structures and Algorithms (DSA) on LeetCode and GeeksforGeeks are performant and cost-effective.

System Design is highly valued for senior roles. Mastering a Tech Stack (Go Deep, Not Wide), but MERN/MEAN Stack, Java Spring Boot, Python/Django, Cloud-Native Stack are also helpful.

Instead of fearing AI, learn to leverage it. Prompt Engineering for Developers and learn to effectively communicate with AI models (like GitHub Copilot, Amazon CodeWhisperer) to generate, debug, and document code. This is a fundamental new skill for all developers. Understanding the fundamentals of AI/ML is crucial.

Data Engineering and Data Literacy is a superpower. Learn SQL (advanced), Python (Pandas, PySpark), ETL/ELT processes, and data warehousing (Snowflake, BigQuery).  
Specialisation protects you from mass layoff. So invest in Cloud Computing and DevOps. Get a foundational certification like AWS Certified Cloud, Cybersecurity (specialise in application security or AppSec or network security). Certifications such as CompTIA Security+ are a good start. Mobile Development (Native) is also a specialised skill.

**Disclaimer: This column is merely a guiding voice and provides advice and suggestions on education and careers.**

The writer is a practising counsellor and a trainer. Send your questions to [eduplus.thehindu@gmail.com](mailto:eduplus.thehindu@gmail.com) with the subject line Off the Edge.



## A culture of care

How India can create suicide-safe campuses

Dr. Sabine Kapasi

Entering the gates of the Indian Institutes of Technology (IIT) is a remarkable achievement. But every year, there are disturbing headlines about the young lives lost on these campuses. Between 2005 and 2024, 115 IIT students were reported to have died by suicide. Surveys indicate that over 60% of students identify academic pressure as the primary source of stress, alongside employment insecurity, family issues, and harassment.

While these numbers are troubling, the IITs are making proactive efforts such as introducing and enhancing counselling services, peer support networks, and specialised wellness programmes to assist the students get treatment early, prevent them from feeling alone, and create an environment where they feel safe asking for help.

**Building support networks**  
The IITs are now laying emphasis on mental health

being alone raises the chance of suicide. Students who face stressful family relationships, high expectations, or exposure to peers who are also struggling are more vulnerable. Addressing this issue needs a combination of strategies such as such counselling, peer networks, early discovery, and family engagement. Digital tools, like anonymous check-ins, give students a safe way to reach out when they are struggling but not ready to talk openly. Workshops, mentoring, and initiatives to raise awareness need to happen periodically.

**Culture change**  
To make campuses safer, we need to modify policies and the way people think. Educational institutes that make mental health a part of everyday life, make support easy to acquire, and teach people how to help when someone is in trouble offer intervention and a chance to prevent problems from getting worse.

Families play a part too, as parents need to know about mental health and what their children are going through. Government programmes like Manodarpan can succeed only if institutions ensure their policies are implemented properly.

While counselling and wellness programmes, family and community engagement, peer and faculty training for early intervention interventions and continuous monitoring and research have begun, the challenge is to make sure these initiatives are consistent. Monitoring and collecting data will show if progress is still being made. Student suicide exposes cultural and systemic flaws, which can be reversed only if families, educational institutions, and policymakers work collaboratively. Mental health requires time, effort, and consistent attention.

The writer is CEO of Enira Consulting, founder of ROPAN Healthcare, and UN advisor.

### SAVE THE DATE

**Admissions**  
**The Division of Flexible Learning, IIT-Hyderabad** has launched Engineering Agentic AI Systems: Agentic AI from Concepts to Practice, a 12-week online hands-on, practice-oriented certificate programme delivered by Prof. Karthik Vaidhyanathan. The course will enable learners to design, build, test, and deploy agentic AI systems grounded in real-world use cases.  
**Eligibility:** Anyone over 18 years with a background in basic Maths (functions and their plots) and experience with programming.  
**Deadline:** December 29  
<https://dfl.iit.ac.in/programs/ai>

**The University of Sheffield, the U.K.,** is inviting applications for its new MSc in Digital Marketing, starting in September 2026. Scholarships are available.  
**Eligibility:** Minimum 60% in a three- or four-year Bachelor's degree in any subject from a recognised university. Overall IELTS score of 6.5 with 6 in each component or equivalent.  
<https://2cm.es/1graS>

**The Institute of Bakery and Culinary Arts** invites applications for 2026.  
**Eligibility:** Class 12 pass from any recognised board  
**Deadline:** December 25  
<https://www.chefibpa.com/>

**The University of Strathclyde, Glasgow, the U.K.,** invites applications for its MSc in Design Engineering with Sustainability, starting in September 2026.  
**Eligibility:** First or second-class Honour's degree in a relevant Engineering, Technology or Science discipline. Overall IELTS Academic Score of 6.5 with no individual band less than 5.5.  
<https://tinyurl.com/yez5z3ju>



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