



# Career Compass February 2025

## Emerging Careers & Educational Pathways

**From The Desk of The Director Principal** – As we navigate an ever-evolving global landscape, our school remains committed to preparing students not just for today's opportunities, but for the careers of tomorrow. The emergence of innovative fields such as space tourism, climate crisis management, digital wellness, and esports demonstrates the rapid transformation of the professional world our students will enter. Our educational approach must evolve accordingly. We are enhancing our STEM curriculum while equally valuing humanities and social sciences, as these unconventional careers require interdisciplinary knowledge and adaptability. I encourage our students to explore their interests beyond traditional career paths and embrace the exciting possibilities that lie ahead. Remember, the most valuable skills for the future are critical thinking, adaptability, and lifelong learning. Let us work together to nurture these qualities in our students.

**From The Vice Principal** – The content of education is as important as its quality. As we review our educational offerings, we are mindful of the foundation our students need for emerging career paths. The traditional PCM (Physics, Chemistry, Mathematics) and PCB (Physics, Chemistry, Biology) streams remain crucial gateways to many exciting new fields. Additionally, we are expanding our career exploration workshops to include professionals from emerging industries. Our goal is to ensure that subject choices in Class 11 open doors rather than close them. We encourage students to make informed decisions based on their interests and the evolving job market.



**From The Career Counsellor** - The professional landscape is transforming before our eyes. Space tourism, climate crisis management, digital wellness, and esports are not science fiction – they are real career paths with growing opportunities in India and globally. For those interested in space-related careers, a strong foundation in PCM is essential, with opportunities at institutions like IITs and IIST. Students drawn to environmental issues should consider PCB or PCM, exploring programs at Delhi University, JNU, or TERI. Digital wellness professionals often start with psychology or counseling degrees from institutions like TISS or Christ University. And for esports enthusiasts, computer science and mathematics at VIT or SRM can provide entry points. Remember that these emerging fields often require interdisciplinary knowledge. Don't hesitate to schedule a counseling session to discuss your unique interests and how they align with these exciting new career paths.



For Career Guidance & Counselling Contact: -

[nidhi.madura\\_sajsvg@jaipuria.edu.in](mailto:nidhi.madura_sajsvg@jaipuria.edu.in) / 98109 24688

## Space Tourism & Asteroid Mining

### Potential in India (Next 5 Years)

**Space Tourism:** While still in its early stages globally, India's space sector is rapidly growing. ISRO's achievements and the rise of private startups like "Agnikul Cosmos" and "Skyroot Aerospace" indicate a promising future. Space tourism may take longer to become mainstream in India, but the groundwork is being laid.

**Asteroid Mining:** This is highly speculative and unlikely to become a reality in the next 5 years. However, research and development in space logistics and resource management will grow.

### Will These Careers Last Long?

Yes, because space exploration is a long-term global priority. Governments and private companies are investing heavily in space technology, and India is positioning itself as a key player. Careers in space logistics, robotics, and orbital law will grow as the sector expands.

### Future Outlook:

India: ISRO, private startups (Agnikul, Skyroot), and collaborations with global players like SpaceX and Blue Origin will drive job creation.

**Global:** Companies like SpaceX, Blue Origin, Virgin Galactic, and Planetary Resources are leading the charge.

## Climate Crisis Managers

### Potential in India (Next 5 Years)

**High Potential:** India is highly vulnerable to climate change, and the government, along with private companies, is prioritizing sustainability. Roles like carbon accountants, sustainability consultants, and climate risk analysts will see significant growth.

**Adoption of Roles:** Indian cities may adopt roles like "Chief Heat Officers" as seen in Miami, especially in heatwave-prone regions.

### Will These Careers Last Long?

Yes, because climate change is a long-term global challenge. Governments, corporations, and NGOs will continue to invest in climate resilience and sustainability.

### Future Outlook:

India: Increased focus on renewable energy, carbon neutrality, and disaster management will drive demand for climate professionals.

**Global:** The Paris Agreement and global sustainability goals ensure long-term relevance.

## Esports Strategists & Game Economists

### Potential in India (Next 5 Years)

**Booming Industry:** India's esports market is growing at a "25% CAGR", driven by increasing internet penetration and smartphone usage. Roles like game designers, tournament managers, and game economists will be in high demand.

**Government Support:** The inclusion of esports in events like the Asian Games highlights its growing legitimacy.

### Will These Careers Last Long?

Yes, because esports is becoming a mainstream form of entertainment. The industry is expected to grow further with advancements in gaming technology and increased investment.

### Future Outlook:

India: Companies like "Nazara Technologies" and "Jetking" are leading the way. The rise of gaming tournaments and platforms like "Dream11" and "MPL" will create more opportunities.

**Global:** Esports is a multi-billion-dollar industry, with companies like "Riot Games", "Activision Blizzard", and "Epic Games" driving growth.

## Digital Detox Coaches

### Potential in India (Next 5 Years)

**Growing Demand:** With increasing screen time and digital addiction, especially among youth, the need for digital wellness professionals will rise. Indian startups like "BreatheWell" and global apps like "Headspace" are already addressing this niche.

**Corporate Adoption:** Companies may hire digital detox coaches to improve employee well-being and productivity.

### Will These Careers Last Long?

Yes, because technology addiction is a byproduct of the digital age, and the need for balance will persist. As technology evolves, so will the need for professionals to manage its impact on mental health.

### Future Outlook:

India: Rising awareness of mental health and digital wellness will create opportunities in startups, corporates, and wellness centers.

**Global:** Digital wellness is a growing trend worldwide, with apps like Calm and Headspace leading the way.