

Community Service Project Report – Week

2

Career Guidance Program

Department of Computer Science

July 2025

Overview

Week 2 of our Career Guidance Program was conducted on 17th and 18th July 2025 at Gaigolupadu Government School. Our objective was to provide in-depth awareness about specific career paths, their significance, eligibility, and suitability based on student interests. We designed each session to be interactive, structured, and inspiring.

Day 1 – 17th July 2025: Engineering and Medical Careers

Venue: Gaigolupadu Government School

Time: 3:00 PM – 5:00 PM

Students Attended: 40

Engineering as a Career

Engineering is the application of science and mathematics to solve real-world problems by designing and building systems, structures, and technologies. It plays a crucial role in improving our daily lives — from roads and bridges to software, electronics, and renewable energy systems.

We explained that to become an engineer, students usually pursue the MPC stream in Intermediate, followed by qualifying exams such as JEE, EAMCET, or other state-level engineering entrance exams. Engineering offers various branches such as:

- **Computer Science Engineering** – focuses on programming, software development, AI, and cybersecurity.

- **Mechanical Engineering** – deals with machines, tools, and manufacturing systems.
- **Civil Engineering** – involves construction of infrastructure such as buildings, bridges, and roads.
- **Electrical and Electronics Engineering** – focuses on power systems, circuits, and devices.
- **Other branches** include Aerospace, Mechatronics, Chemical Engineering, etc.

Who should choose Engineering? Students who enjoy problem-solving, mathematics, physics, and designing new things. Those who like to experiment, innovate, and understand how things work may thrive as engineers.

Medical and Health Sciences

Medicine is a highly respected and essential profession focused on diagnosing, treating, and preventing diseases. Becoming a doctor or healthcare professional requires dedication and compassion. It also involves studying the human body and committing to lifelong learning.

To pursue medical careers, students take the BiPC stream in Intermediate and appear for NEET (National Eligibility Entrance Test). Based on performance, they may choose:

- **MBBS (Bachelor of Medicine, Bachelor of Surgery)** – to become a doctor.
- **BDS (Bachelor of Dental Surgery)** – to become a dentist.
- **BPT (Bachelor of Physiotherapy)** – for rehabilitation and therapy.
- **BSc Nursing** – to work in hospitals as skilled nurses.
- **Pharmacy, Homeopathy, Ayurveda** and other alternative medicine courses.

Who should choose Medical fields? Students with strong interest in biology, helping others, and who are emotionally resilient. Those with patience, empathy, and attention to detail are best suited for healthcare roles.

Day 2 – 18th July 2025: Government Jobs, Law, Sports, Entrepreneurship, and Final Review

Venue: Gaigolupadu Government School **Time:** 3:00 PM – 5:00 PM **Students Attended:** 40

Government Sector Careers

Government jobs are highly valued for their stability, benefits, and social impact. We explained that students can prepare for them through specific competitive exams depending on the role:

- **SSC, RRB, and Banking Exams** – for clerical and officer posts
- **Police Constable / Sub-Inspector Exams** – for law enforcement roles; requires physical fitness and written aptitude
- **UPSC Civil Services (IAS, IPS, IFS)** – for prestigious administrative positions
- **State Public Service Commissions (APPSC/TSPSC)** – for state-level recruitment
- **Defense Services (Army, Navy, Air Force)** – through NDA or CDS exams

Who should choose Government jobs? Students who are self-disciplined, focused, and willing to commit to long-term exam preparation. Many of these roles demand both intellectual and physical excellence.

Careers in Law

A legal career allows individuals to uphold justice, defend rights, and influence society through lawmaking or litigation. We discussed two primary legal pathways:

- 5-year integrated law degree (BA LLB, BBA LLB) via CLAT after 12th
- 3-year LLB after any undergraduate degree

Career options include:

- Advocates and Legal Advisors
- Public Prosecutors and Government Pleaders
- Judges (after clearing judicial service exams and gaining experience)
- Legal Officers in companies, Civil Rights Lawyers

Who should choose Law? Students who enjoy debating, public speaking, critical thinking, and reading. Passion for justice, negotiation skills, and patience are essential.

Sports as a Career

Sports is not only a way to stay fit but also a respected profession with growing opportunities in India and abroad. Students can pursue professional sports through:

- Selection into district/state teams and training in sports academies
- Participating in national-level tournaments (e.g., Khelo India)
- Pursuing courses like BPED (Bachelor of Physical Education)

Career options include:

- Professional Athletes and Coaches
- Physical Education Teachers
- Sports Psychologists, Referees, Sports Journalists

Who should choose Sports? Students who are physically active, team-oriented, disciplined, and passionate about physical excellence. Success requires training, diet control, and mental strength.

Entrepreneurship

Entrepreneurship involves starting and managing one's own business venture. Entrepreneurs take risks to solve problems, create jobs, and generate value. It's suitable for students who want independence, creativity, and innovation in their careers.

We introduced students to basic entrepreneurship ideas such as:

- Starting small businesses (baking, tailoring, mobile repair, etc.)
- Digital entrepreneurship (YouTube, online teaching, e-commerce)
- Scaling businesses with planning, customer understanding, and financial knowledge

We emphasized that formal education (like BBA, MBA, or vocational training) can help, but self-motivation and persistence are more important.

Who should choose Entrepreneurship? Students who enjoy solving problems, thinking creatively, and want to be their own boss. Leadership, courage to take risks, and financial literacy are key traits.

Doubt Clearing

In the final part of the session, we invited open questions. Some of them included:

- “Can I become a chef or dancer if I’m not good in studies?”
- “Is it okay to choose business over government jobs?”
- “How do I train for the army or police while still in school?”

We encouraged students to believe in their unique paths. We shared that every dream, whether academic or skill-based, is valid and achievable with discipline and guidance.

Student Reviews and Reflections

At the end of our second day session, we invited students to openly share their thoughts about the entire Week 2 program. Their responses were thoughtful, honest, and inspiring. Some students expressed surprise at how many career options exist beyond the typical choices they were familiar with.

A few of the noteworthy reflections included:

- “I always thought careers meant doctor or police. Now I know I can also be a lawyer or an engineer if I plan early.”
- “Thank you for showing us that business is also a career path. I want to start something on my own.”
- “I like cooking and I didn’t know being a chef was a real career. I’ll ask my parents to support me.”
- “Sports was something I enjoyed but didn’t think could be my future. I’ll try to join a local academy.”
- “These two days gave me so much clarity about exams and courses. I will remember this session for a long time.”

Conclusion

Week 2 helped students connect their dreams to real opportunities. Instead of vague goals, they left with concrete steps, timelines, and an understanding of which path suits which interest. Whether they dreamed of becoming doctors, judges, engineers, or artists, each student was encouraged to believe in their potential and plan their journey accordingly.

Photo Gallery: Week 2



Figure 1: Explaining Engineering career guidance roadmap



Figure 2: Explaining Medical career guidance roadmap



Figure 3: Explaining about entrepreneurship



Figure 4: During reviews



Figure 5: After the session



Figure 6: After guiding 9th class students