

MEDICAL DOMAIN REPORT



Assessment Candidate Details

Personal & Academic Overview

Personal Details

Full Name: Yashvardan Rane

Candidate ID: CTU 2025A12345

Family Details

Father's Name: Kulvant Rane

Mother's Name: Monika Rane

Academic Details

School Name: DAV Sen Sec School, Jalandhar

Class/Stream : Non-Medical

DISCLAIMER

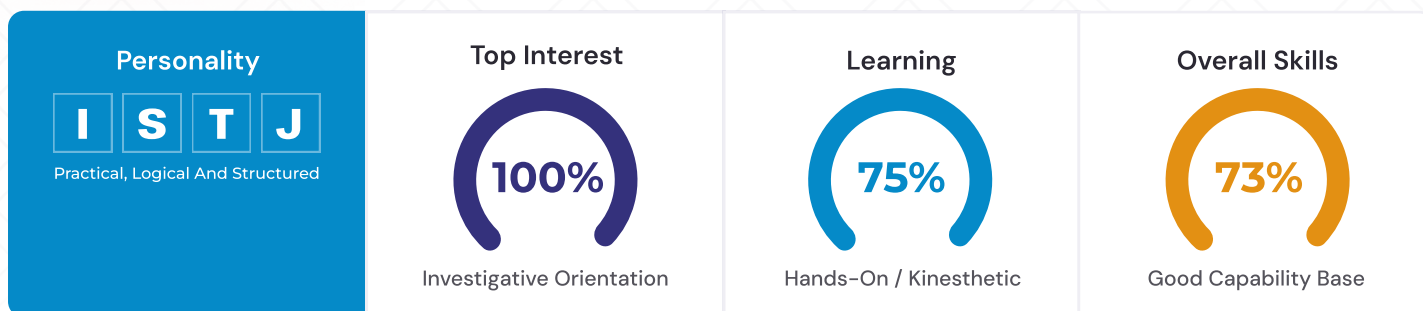
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Your Profile at a Glance



• How To Read This Snapshot

- I-S-T-J indicates a practical, logical and organised work style with a preference for clear standard
- Investigative interest shows strong curiosity for research, analysis, technology and complex problem-solving.
- A 75% kinesthetic preference means concepts are understood best through demonstrations, practice and real tasks.
- The 73% overall skills score is supported by excellent mechanical, social and leadership strengths.

• Current Career Planning Stage

Structured Exploration Needed

The student is exploring and should not finalise one pathway only from test scores.

Compare three to four priority pathways through projects, counselling and professional interaction.

Improve numerical ability before choosing highly quantitative or data-heavy programmes.

COUNSELLOR INTERPRETATION

- The profile combines analytical curiosity, mechanical strength, leadership potential and responsible work habits.
- The best options should offer structure, ownership, practical exposure and continuous learning.
- Career choices should be validated through laboratories, field visits, mini-projects and conversations with professionals.
- Numerical confidence is the main development priority for statistics, data science and other mathematics-intensive routes.
- Shortlist careers using four checks: interest, ability, work environment and entry feasibility.

Career Personality Profile

These dimensions describe reported preferences and natural tendencies — not fixed limits. Read each as a spectrum, not a category

Energy Focus

Introvert

100%

- Gains energy from reflection, quiet settings and focused independent work.
- Usually thinks before speaking and develops ideas internally before sharing.
- Listens carefully, observes deeply and may prefer smaller groups.
- Can perform strongly in teams when given preparation time and a clear role.

Information Style

Sensing

71%

- Trusts facts, details and information that can be observed or verified.
- Learns best through examples, demonstrations and step-by-step practice.
- Focuses on present needs and practical applications rather than only abstract ideas.
- Builds understanding by connecting new learning with previous experience.

Decision Style

Thinking

100%

- Uses logic, evidence and objective criteria when making decisions.
- Looks for clear explanations, consistency and solutions that work.
- Stays task-focused and may communicate directly while solving problems.
- Builds understanding by connecting new learning with previous experience.

Work Approach

Judging

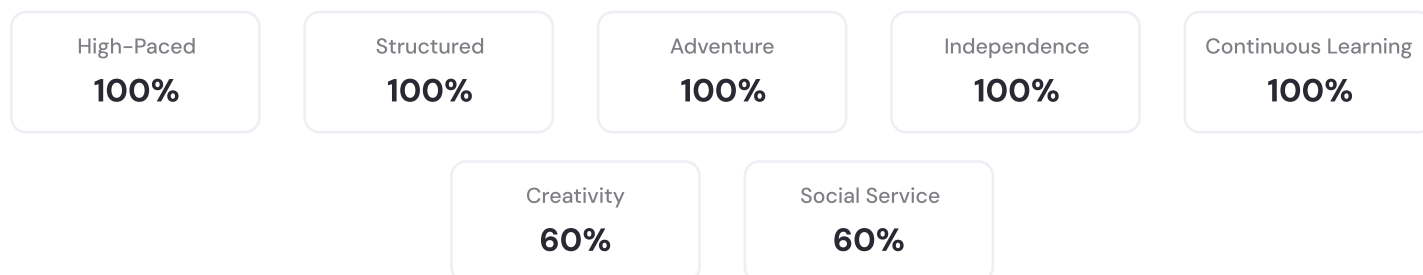
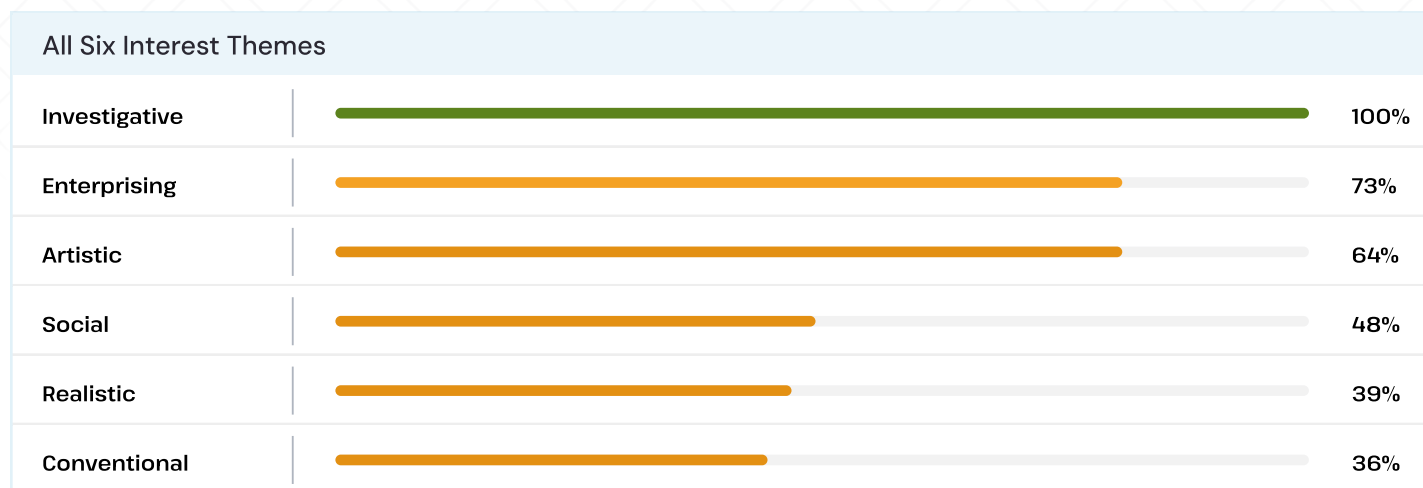
57%

- Prefers plans, routines, deadlines and an orderly way of working.
- Feels productive when tasks are decided, organised and completed.
- Uses sequential thinking and likes clarity about what happens next.
- Can grow by remaining flexible when new information changes the plan.

Interests And Career Motivators

Interest scores show which work activities and themes naturally attract the student. Use the top themes for exploration, then check ability, eligibility and real-world exposure.

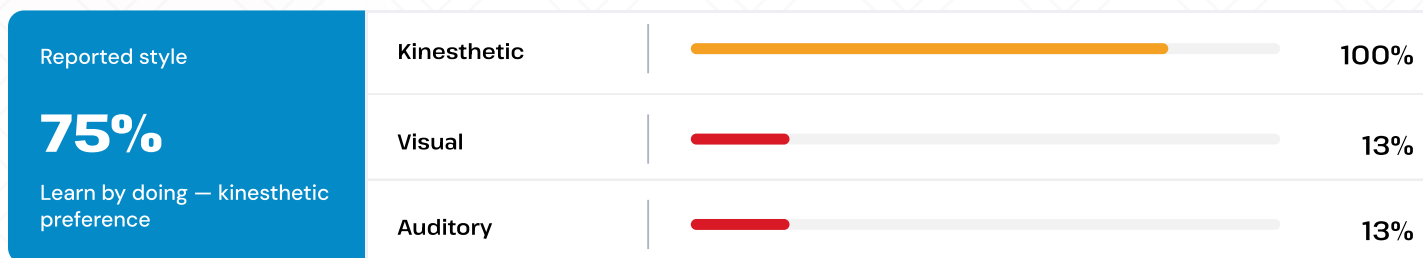
• Interest Pattern



WHAT THIS MEANS FOR CAREER CHOICE

- The student is likely to enjoy demanding roles with pace, clear procedures and measurable responsibility.
- Independence is important; excessive supervision or repetitive group dependence may reduce motivation.
- Adventure and continuous learning suggest comfort with field exposure, changing challenges and skill development.
- Creativity and social service can complement the main pathway but are not the dominant decision factors.

Learning Preference & Study Strategy



• Auditory

- They can remember quite accurately details of information they hear during conversations or lectures
- They have strong language skills, which include a well-developed vocabulary and an appreciation for words.
- The strong language skills often lead to strong oral communication skills. They can carry on interesting conversations and can articulate their ideas clearly.
- Because of a “fine tuned ear,” auditory learners may find learning a foreign language to be relatively easy

• Learning Suggestions

- Stand up if you are in High school or Middle school, ask the teacher first, before you are not labeled as disruptive
- Bring a rubber band to class and wrap and unwrap it around your hand or pencil.
- When studying and answering questions, bounce a tennis ball against the wall or floor
- Underline, highlight or make notes while you read. Using efficient reading strategies will help you stay focused.
- Tense and relax your muscles during long lectures.
- Bounce a leg up and down to release some of the energy.

• Preferred Encouragement Strategies:

Hugging, touching as they like and respond to physical rewards, like to be rewarded with concrete things because it makes them feel good when they can touch the tangible reward e.g. things of high quality or with a good texture, can be rewarded with assembled toys, handicraft, outdoor tours, tasty food, huggable pillow or cuddly push doll with nice texture.

Skills And Abilities Dashboard

Overall

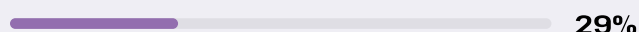
73%

Good

- Strongest areas: social cooperation, mechanical ability and leadership.
- Good verbal ability supports communication and presentation.
- Numerical ability is the main development priority.

Numerical

Priority



- Understands quantities, calculations and numerical data.
- Needs improvement for statistics and other data-heavy pathways.
- Practise arithmetic, graphs and applied problem sets daily.

Logical

Developing



- Recognises patterns, cause-effect and step-by-step solutions.
- Supports science, technology, research and troubleshooting.
- Strengthen through reasoning puzzles, coding and case analysis.

Verbal

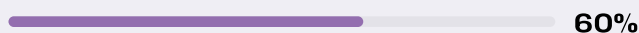
Strong



- Communicates ideas clearly through speech and writing.
- Useful for reports, presentations, interviews & teamwork.
- Helps explain technical information to different audiences.

Organising

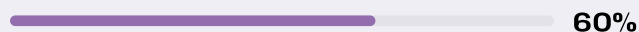
Developing



- Plans tasks, schedules time and coordinates resources.
- Supports deadlines, projects, operations & administration.
- Use weekly plans, checklists and clear prioritisation.

Spatial

Developing



- Visualises shapes, layouts and relationships in space.
- Relevant to engineering, architecture & technical drawing.
- Improve through diagrams, models, CAD & visual puzzles.

Leadership

Excellent



- Takes initiative, makes decisions and guides others.
- Supports science, technology, research and troubleshooting.
- Strengthen through reasoning puzzles, coding and case analysis.

Social

Excellent



- Cooperates, understands people & builds relationships.
- Valuable in teamwork, service, leadership & client roles.
- Use this strength to build trust & resolve group challenges.

Mechanical

Excellent



- Understands tools, machines & practical physical systems.
- Excellent fit for engineering, maintenance & manufacturing.
- Develop further through labs, models & hands-on projects.

The Importance of

The Assessment



**CHOOSE
THE RIGHT STREAM**



Discover The Most Appropriate Subjects Stream

We cannot find wiser words which resonate with our philosophy than the following from Mark Sullivan who headed the United States Secret Service till 2013.

To find a career to which you are adapted by nature, and then to work hard at it, is about as near to a formula for success and happiness as the world provides. One of the fortunate aspects of this formula is that, granted the right career has been found, the hard work takes care of itself. Then hard work is not hard work at all

These words have been proven right time after time and the CTU General Aptitude Assessment has been designed to assist you in selecting the most appropriate career pathways which suit not only your aptitude but also your temperament and natural propensities. The purpose is not to merely build a career but also to build a life that is fulfilling, rewarding and joyful.

• Why

There comes a time in each student's life when he or she has to make a choice between subjects and streams which will eventually shape not only the career but also the life ahead. Very often the choices are made on the basis of factors that are extrinsic and not intrinsic

1

Parents

The choice is **imposed** by parents or relatives

2

Role Model

The choice is inspired by role models

3

Peers

The choice is **determined** by what others including peers are opting for. The suggestions are normally considered 'safe' choices.

4

Trends

The choice is inspired by role models

But look at the achievers in the world and it is not difficult to notice that people who have succeeded are the ones who have followed intrinsic factors:



Medical/Life Sciences

Aptitude Assessment Based On Intrinsic Factors

• Why Study Biology?

If you have opted for the Science Stream with Physics, Chemistry and Biology (PCB) as your core subjects there are several options for you to consider at the college level. The Healthcare and Medical professions were earlier the obvious and most preferred ones traditionally but the past decades have opened this domain to several new career options besides the Healthcare and Medical domains.

• Research

Scientific research can be a rewarding career and many biologists perform their research at colleges and universities where they also have the opportunity to teach in their area of specialty.

→ **Industry:** Biotechnology / Drug Development / Food Processing & Preservation, Quality Control

→ **Government Sector:** Environment, Forestry, Wildlife, Agriculture, Horticulture

• Healthcare

Healthcare workers apply their biological knowledge to help others.

Physicians, veterinarians, physical therapists, pharmacists, dentists, nurses, medical technologists and physicians' assistants all have biological backgrounds.

• Applied/Field Biology

Many individuals who have a love of the outdoors seek professions that require Biology degrees. Applied biologists enter into many different professions:

Horticulture, Fisheries, Botanists, Plant Breeders, Genetics, Microbiology

• Education

Education is a continually growing field for a graduating biologist. Biologists, with an interest in teaching others, traditionally seek positions at the primary, secondary, and collegiate levels. However, museums, zoos, and nature centers also hire educators, exhibition designers, artists, and often specialists who have strong biology backgrounds to interact with visitors, plan and carry out exhibitions, give tours, teach specialized classes, plan educational programs, and even give hikes through nature trails.

• Business And Consulting

Many other professions combine biological knowledge with other professional training. The problem solving and analytical skills learned in Biology make this degree an asset in the business world. In some industries, scientists are hired as consultants.

Hospitals hire people with Biology degrees for their administration departments. Lawyers that work with environmental advocacy organizations or biotech companies require a biological background. Businesses that sell environmental products, drugs, or other biological products hire sales associates and management with degrees in biology. These businesses also hire regulatory affairs people to put together scientific information about their products for governmental approval.

Medical/Life Sciences

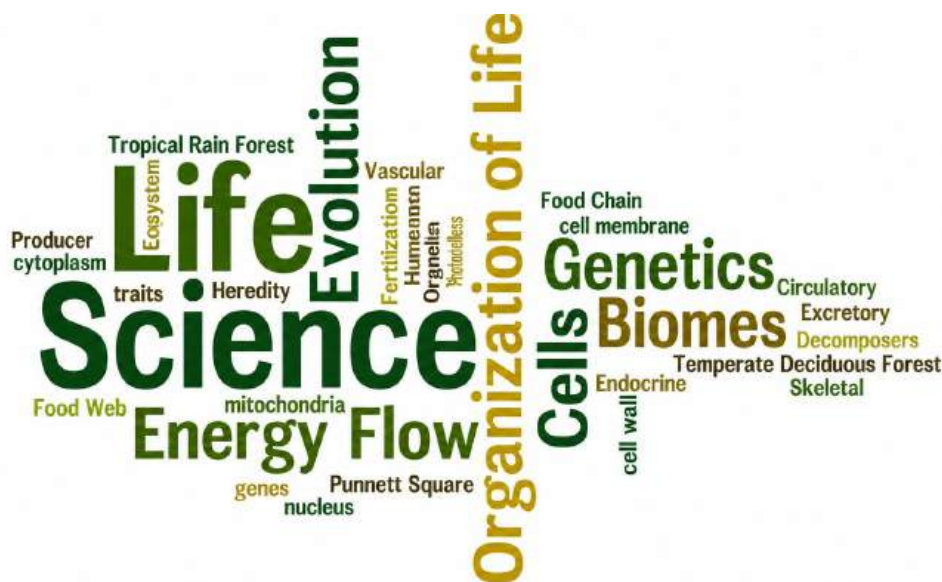
Aptitude Assessment Based On Intrinsic Factors

- **Biology And Computers**

In many careers experience in Biology coupled with some computer training can land an individual a position in bioinformatics, scientific programming, or creating/running web sites or servers for scientific companies and institutions. Bio Informatics is an upcoming field

- **Communications**

People with a strong background in journalism or English as well as biological experience, can work as science journalists or policy analysts. Depending on a person's talents and inclinations, a biologist could become involved in other forms of communication including technical writing, the development of scientific multimedia systems and TV. (How about working for the Discovery Channel?)



Medicine & Healthcare	Basic MBBS
Life Sciences	Biochemistry, Microbiology, Bio Informatics, Pharmaceutical Sciences, Environment & Ecology, Aquaculture & Fisheries, Molecular Biology, Virology, Genetics, Nutrition, Veterinary Sciences

Medical/Life Sciences

Aptitude Assessment Based On Intrinsic Factors

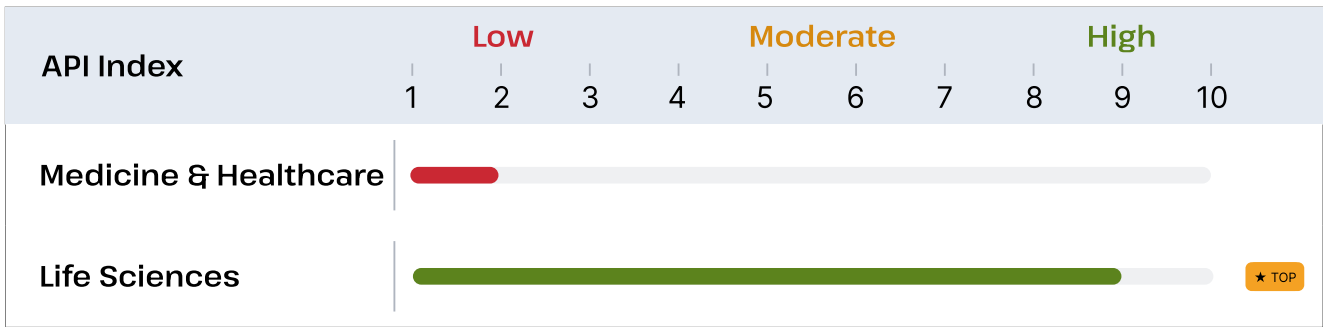
• How To Interpret Your Humanities IAPI Index

The graphical representation below indicates your CTU Aptitude + Passion + Interest Index (IAPI) for each of the Humanities Domain Clusters. The assessment is based on a weighted assessment of parameters critical to each cluster

A High IAPI Index (towards the green zone) indicates a high intrinsic potential for excellence and achievement.

A Low IAPI Index (towards the red zone) indicates a need for realigning your effort and preferences as you may find it a bit challenging and may be not engaging enough.

A Median IAPI Index (somewhere in the middle) indicates a 'Can DO' scenario where you may wish to invest effort and resources depending upon your ultimate career progression plan.



Management

Perspective



• Preferred Style

The student prefers a structured, practical and organised environment with clear expectations, defined responsibilities and measurable outcomes. The strong Thinking preference (100%) supports a logical and evidence-based approach, while the Judging preference (57%) indicates comfort with planning, routines and completing tasks in an orderly manner.

A highly Investigative interest (100%) suggests strong curiosity about how things work and an inclination towards research, observation, analysis and evidence-based problem-solving. The student is likely to benefit from practical exposure, demonstrations, experiments and real-world applications, particularly given the strong kinesthetic learning preference (75%).

• Communication expectations

The student tends to process information thoughtfully and prefers communication that is clear, factual and purposeful. The Introvert preference (100%) suggests that time for reflection and preparation may help the student express ideas with greater confidence.

At the same time, strong verbal ability (80%) and excellent social ability (100%) indicate good potential for explaining ideas, cooperating with others and building effective working relationships. Clear instructions, practical examples and constructive discussions are likely to support effective communication in academic and professional settings.



• Motivational Needs

The student is likely to respond positively to continuous learning, independence, structured challenges and opportunities to apply knowledge in practical situations. The high preference for structure, adventure, independence and continuous learning suggests that meaningful challenges and opportunities for skill development can sustain engagement.

The student may find motivation through research activities, laboratory exposure, practical projects and opportunities to connect scientific concepts with real-world applications. The report also highlights strong leadership (93%), social (100%) and mechanical (100%) abilities, which can support participation in collaborative and practical learning environments.



Your Voyage ...Our Beacon

Constructive Cluster & Process Cluster

Thank you for completing the Career Assessment Test.

This Career Assessment Report has helped you identify your interests, aptitude, personality, and potential strengths. These insights can serve as a valuable guide as you explore academic pathways and future career opportunities that align with your aspirations and potential.

Every successful professional begins with curiosity, a willingness to learn, and the courage to explore new possibilities. As you move forward, continue to strengthen your potential through skill development programs, workshops, certifications, experiential learning opportunities, interactions with mentors and industry experts, and exposure to real-world environments.

The world is evolving rapidly, and new opportunities are emerging every day. By embracing continuous learning, developing future-ready skills, and remaining open to new experiences, you can confidently navigate the path ahead.

You possess unique strengths and the potential to excel. The choices you make today, combined with meaningful experiences and a commitment to growth, will help shape a successful and fulfilling future.

Remember: The future belongs to those who embrace learning, pursue excellence, and remain open to new opportunities.

Let your strengths guide you. Let your curiosity inspire you. Let your actions shape your future.



The Primary Career Options that arise are

★ TOP CONSTRUCTIVE CLUSTER

Civil
Engineering

Mechanical
Engineering

Naval
Construction
Technology

Aeronautical
Engineering

Automotive
Engineering

Electrical
Engineering

The Secondary Career Options that arise are

★ TOP PROCESS CLUSTER

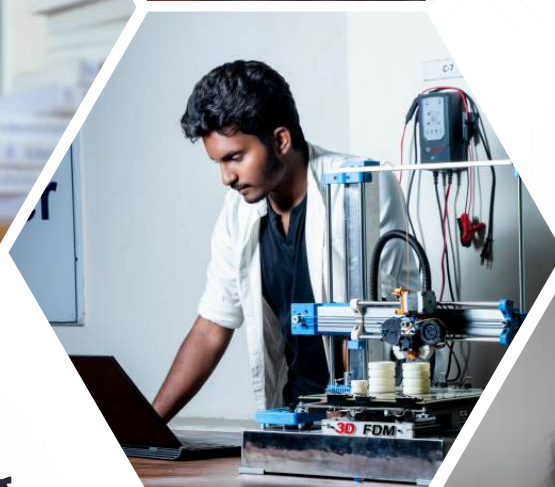
Process
Engineering

Production
Engineering

Instrumentation
Technology

Pharmaceutical
Process
Engineering

Automation
Engineering



Empowering Every Learner To Succeed

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