

Career Counselling Report

Psychometric Assessment — EPQ & SPM Analysis with Course Recommendations

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1. Candidate Profile

Name	RU	Age	16 Years
Gender	Female	IQ Range (SPM)	126 – 128 (Indian Norms)
Tests Administered	Standard Progressive Matrices (SPM) & Eysenck Personality Questionnaire (EPQ)		

2. Standard Progressive Matrices (SPM) — Cognitive Assessment

SPM measures non-verbal abstract reasoning, fluid intelligence, and the ability to perceive patterns and relationships in visual material. **Scores are compared against standardized Indian norms.**

Set	Raw Score	Standard Score (Indian Norms)	Difference	Interpretation
Set A	12	12	0	High
Set B	12	12	0	High
Set C	11	11	0	Moderate
Set D	11	11	0	Moderate
Set E	10	10	0	Moderate

Total Score: 56 / 60, IQ Equivalent: 126 – 128, Percentile: ~96th–98th (Indian Norms)

Key Observations — SPM

- Performance is consistent across all five sets with zero difference from standard scores — indicating uniform cognitive ability without any specific weakness.
- IQ of 126–128 places RU in the 'Superior Intelligence' range, well above the average population.
- The consistency across abstract and spatial reasoning sets (A to E) confirms genuine intellectual capability, not coaching-dependent performance.
- High fluid intelligence is particularly valuable for STEM, Research, Law, and Psychology careers.

3. Eysenck Personality Questionnaire (EPQ) — Personality Profile

The EPQ measures four core personality dimensions: Psychoticism (P), Extraversion (E), Neuroticism (N), and a Lie/Validity scale (L). **Results reflect RU's natural temperament and social orientation.**

Dimension	Raw Score	Percentile	Rating	Behavioral Meaning
P (Psychoticism)	6	53	Average	Socially conforming, rule-following
E (Extraversion)	7	7	Negligible	Introverted, reserved, reflective
N (Neuroticism)	12	87	Very High	Emotionally reactive, anxious, sensitive
L (Lie Scale)	7	6	Negligible	Honest, straightforward responses

Personality Interpretation

- **P — Average (53rd %ile):** RU is socially conforming, empathetic, and rule-following. She respects systems and structures, making her suitable for organized, ethical career environments.
- **E — Negligible (7th %ile):** She is deeply introverted — thoughtful, reflective, and preferring depth over breadth in relationships. Works best independently or in small groups, not in high-stimulation environments.
- **N — Very High (87th %ile):** This is the most clinically significant finding. She experiences emotions deeply and is highly sensitive to stress, criticism, and environmental change. This requires career environments with emotional stability and personal meaning.
- **L — Negligible (6th %ile):** The very low Lie scale confirms that responses were honest and spontaneous. Test validity is high. Results accurately reflect her true personality.

4. Integrated Psychological Profile: Combining the SPM and EPQ results reveals a distinctive profile:

Dimension	RU's Profile
Intellectual Capacity	Superior Intelligence (IQ 126–128); 96th–98th percentile
Thinking Style	Abstract & analytical; prefers conceptual depth over memorization
Social Orientation	Highly introverted; independent learner; dislikes crowds or group pressure
Emotional Nature	Sensitive, empathetic, emotionally reactive; needs personally meaningful work
Values & Integrity	Principled, rule-respecting, honest; responds well to structured ethical systems
Ideal Work Environment	Small groups, research labs, counselling spaces, creative or analytical studios
Caution Areas	Avoid high-pressure, sales jobs, frontline customer service, very large team

5. Seven Recommended Courses & Colleges

The following seven courses are selected based on alignment between RU's cognitive profile (SPM), personality temperament (EPQ), and career sustainability. Both RTMNU (Nagpur) and SPPU (Pune) affiliated colleges are included for each recommendation.

Course 1: B.Sc. Psychology

Course	B.Sc. Psychology — 3 Years
Stream Required	Arts / Science
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	St. Francis De Sales College, Dr. Ambedkar College, Vasantrya Naik Govt. Institute of Arts & Social Sciences
Pune Colleges	Fergusson College (NIRF Rank 57), SP College, Symbiosis College of Arts & Commerce
Why Suitable for RU	High N score (87th %ile) reflects deep emotional attunement — an asset in clinical or counselling psychology. High IQ (126–128) will thrive in research methodology and abnormal psychology coursework.
Career Paths	Clinical Psychologist, Counsellor, HR Specialist, Researcher, School Psychologist

Course 2: B.Sc. Computer Science / BCA

Course	B.Sc. Computer Science / BCA — 3 Years
Stream Required	Science / PCM
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	Hislop College, Dharampeth Arts & Commerce College, Institute of Science Nagpur
Pune Colleges	Fergusson College, Modern College of Arts & Science, Symbiosis Institute of Computer Studies
Why Suitable for RU	IQ of 126–128 (98th percentile) indicates strong abstract reasoning and pattern recognition — ideal for computing and algorithm-based disciplines. Low E score favors deep independent work.
Career Paths	Software Developer, Data Analyst, AI/ML Engineer, System Analyst

Course 3: BBA (Business Administration)

Course	BBA (Business Administration) — 3 Years
Stream Required	Any Stream
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	DAIMSR Nagpur, G.S. College of Commerce, Dept. of Business Management RTMNU
Pune Colleges	Fergusson College, Symbiosis Centre for Management Studies Nagpur, Bharati Vidyapith
Why Suitable for RU	Average P score and conforming nature suit the structured corporate world. High intelligence allows strategic thinking. Can channel emotional sensitivity (high N) toward empathetic leadership roles.
Career Paths	Manager, Marketing Executive, Entrepreneur, HR Manager, Business Analyst

Course 4: B.Sc. Biotechnology / Microbiology

Course	B.Sc. Biotechnology / Microbiology — 3 Years
Stream Required	Science (PCB)
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	Hislop College, Institute of Science Nagpur, Priyadarshini College of Engineering
Pune Colleges	Fergusson College, Modern College Pune, Abasaheb Garware College
Why Suitable for RU	Very high IQ suits research-intensive life sciences. Introverted, detail-oriented personality (low E) thrives in laboratory environments requiring precision and sustained focus.
Career Paths	Research Scientist, Biotechnologist, Quality Control Analyst, Bioinformatician

Course 5: B.A. Sociology / Social Work (BSW)

Course	B.A. Sociology / Social Work (BSW) — 3 Years
Stream Required	Arts
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	Vasantrao Naik Govt. Institute, Sevadal Mahila Mahavidyalaya, Dr. Ambedkar College
Pune Colleges	Fergusson College, Nowrosjee Wadia College, SP College
Why Suitable for RU	High Neuroticism (87th %ile) combined with a conformist, pro-social P score creates deep empathy for community issues. Suits NGO, development, and policy work. IQ enables analytical writing and advocacy.
Career Paths	Social Worker, NGO Professional, Policy Analyst, Community Development Officer

Course 6: B.Pharmacy

Course	B.Pharmacy — 4 Years
Stream Required	Science (PCB/PCM)
Universities	RTMNU (Nagpur) / SPPU (Pune)
Nagpur Colleges	Priyadarshini J.L. College of Pharmacy, Kamla Nehru College of Pharmacy, RTMNU Pharmacy Dept.
Pune Colleges	Poona College of Pharmacy, MAEER's MIT College, Sinhgad College of Pharmacy
Why Suitable for RU	Strong IQ supports pharmacology and chemistry coursework. Methodical, rule-following personality (low P) is ideal for regulated pharmaceutical practice. Good ROI with strong campus placements.
Career Paths	Pharmacist, Drug Inspector, R&D Scientist, Clinical Trial Associate

Course 7: Integrated BA LLB (Law)

Course	Integrated BA LLB (Law) — 5 Years
Stream Required	Arts / Any Stream
Universities	RTMNU (Nagpur)
Nagpur Colleges	RTMNU Law Faculty, Nagpur University Campus (MH CET Law required)
Pune Colleges	Symbiosis Law School (SLAT required), ILS Law College Pune (SPPU affiliated)

Why Suitable for RU	Analytical intelligence (IQ 126–128) and emotionally sensitive, conformist personality suit legal reasoning and social justice advocacy. Low Lie Scale score signals genuine, principled character.
Career Paths	Advocate, Legal Advisor, Judge (via judicial services), Corporate Lawyer, Human Rights Lawyer

6. Quick Comparison Summary

Course	IQ Match	Personality Fit	Career Scope	Effort Level
B.Sc. Psychology	High	Excellent	Growing Rapidly	Moderate
B.Sc. CS / BCA	Very High	Good	Excellent	High
BBA	High	Good	Excellent	Moderate
B.Sc. Biotech/Microbiology	Very High	Good	Growing	High
B.A. Sociology / BSW	Moderate	Excellent	Moderate	Low–Moderate
Bachelor of Pharmacy	High	Good	Very Good	High
Integrated BA LLB	Very High	Very Good	Excellent	Very High

7. Counsellor's Recommendation

Based on the complete psychometric picture, the following priority order is suggested:

First Priority: B.Sc. Psychology — aligns both emotionally (high N = deep empathy) and intellectually (IQ 126+ enables research and clinical theory). Strong future scope in India.

Second Priority: B.Sc. Computer Science / BCA — leverages superior abstract reasoning. Good for financial independence and global career mobility.

Third Priority: Integrated BA LLB — if RU is drawn to social justice and advocacy, her high IQ and principled nature make her a natural fit for law.

Important Note for Parents & Guardian: RU's Very High Neuroticism score (87th percentile) means she requires an emotionally supportive academic environment. Prefer colleges with counselling facilities, small class sizes, and a nurturing faculty culture. Pressure-based competitive environments may be counterproductive for her long-term academic performance.

Is she suitable for Medical or Engineering Courses: Yes

Considering only the IQ score (126–128), one might immediately suggest Medicine or Engineering. However, career planning should integrate **ability + personality + emotional makeup + interests + long-term satisfaction**, not IQ alone. An IQ of 126–128 places her approximately in the top 3–5% of the population.

Medical Field Suitability?

Suitable if:

- She enjoys Biology.
- She likes helping people directly.
- She can tolerate long years of study.
- She can handle emotional situations involving illness, suffering, and death.

Based on EPQ: Her elevated Neuroticism (N=12, 87th percentile) suggests emotional sensitivity. This does not disqualify her from medicine, but it means certain medical branches may be more suitable than others.

Recommended Medical Courses

1. MBBS

Best if she has strong Biology interest and is willing to commit 10–12 years for specialization.
Future specialties likely to suit her:

- Psychiatry or Pediatrics or Dermatology or Radiology or Pathology or Preventive Medicine

Recommended Colleges

In the Nagpur region:

- Government Medical College Nagpur
- Indira Gandhi Government Medical College Nagpur

In Pune:

- B. J. Government Medical College Pune
- Armed Forces Medical College

Engineering Suitability?

Can she succeed in Engineering? Absolutely yes.

Her IQ is more than sufficient for:

- Computer Science
- AI
- Data Science
- Electronics
- Biomedical Engineering

The real question is whether she would enjoy engineering. Her personality profile does not strongly indicate a "machine-oriented" mindset. Instead, it suggests a tendency toward people, ideas, and meaning. Therefore, engineering should be chosen only if she genuinely enjoys Mathematics and technology.

Best Engineering Branches for Her:

1. Artificial Intelligence & Data Science

Why?

- High pattern-recognition ability.
- Strong abstract reasoning.
- Growing future demand.

Recommended Colleges

Pune:

- College of Engineering Pune
- Vishwakarma Institute of Technology

Nagpur:

- Government College of Engineering Nagpur
- YCCE Nagpur

2. Computer Engineering

Suitable if:

- She enjoys logical problem solving.
- Likes coding and software development.

Strong employability and flexibility.

3. Biomedical Engineering

This is one of the most interesting combinations for her profile. It blends: Biology and Medicine and Technology and Research Ideal for students who like medicine but are not certain about becoming doctors.

Educational Pathway Expert Opinion

Rugwedi possesses the cognitive ability required for both Medicine and Engineering. However, her personality profile suggests she is likely to find the greatest fulfillment in careers that combine **intellectual challenge with understanding people, health, behavior, or human development**. Therefore, before finalizing a stream after 12th, I would strongly recommend assessing:

1. Biology interest level (0–10)
2. Mathematics interest level (0–10)
3. Desire to work with people versus technology
4. Preferred lifestyle and career aspirations

Those four factors would help distinguish whether MBBS, Biomedical Engineering, AI/Data Science, or Psychology should become her primary educational pathway.

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