

Jay Dhruv (2026). From Classrooms to Coaching Silos: A Comparative Analytical Study of Pre- and Post-JEE/NEET Educational Ecosystems in India and Their Impact on Adolescent Mental Health, Social Development, and Academic Outcomes. International Journal of Multidisciplinary Research & Reviews, 5(5),39-62.



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**FROM CLASSROOMS TO COACHING SILOS: A COMPARATIVE
ANALYTICAL STUDY OF PRE- AND POST-JEE/NEET
EDUCATIONAL ECOSYSTEMS IN INDIA AND THEIR IMPACT
ON ADOLESCENT MENTAL HEALTH, SOCIAL
DEVELOPMENT, AND ACADEMIC OUTCOMES**

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<i>Keywords</i>	<i>Abstract</i>
<i>JEE, NEET, Dummy Schools, Adolescent Mental Health, Coaching Culture, Regular Schooling, Academic Pressure, Social</i>	In this paper, the shifting of the Indian senior-school educational ecosystem, based on a school-centered approach, to a coaching-centered approach, based on competitive examinations (like JEE and NEET) will be analyzed. Previously, students typically used to pursue normal education until Class XII where academic studies were mixed with peer communication, sporting, cultural, teacher guidance, and emotional support. Conversely, the current examination based system has promoted development of dummy schools,



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<p><i>Development, Emotional Stability, Educational Reform.</i></p>	<p>coaching in Classes VIII-X, excessive study time, excessive testing and less involvement in the normal school life. This paper will examine the impact of dissociation with school setting on the mental health, emotional stability, social confidence, social development, extracurricular exposure, academic achievement and personality development in the long term. This paper will take a mixed-method analysis survey design that will involve the students, parents, teachers, coaching faculty, counsellors and alumni of regular-school and coaching-dominant background. The main point of interest is to investigate the hypothesis that students will gain more through a balanced school-based educational approach, as compared to the system of coaching only. The paper posits that India does not have to abolish competitive exams, but it must revert to normal schooling until Class XII as the main educational arena and to control coaching as a support system.</p>
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2. Introduction

2.1 Background of the Study

The education system in the senior-school level in India has been moving towards being not a regular school-based system, but a model of examination-driven, particularly the engineering-aspirants and medical aspirants. They have become the bases of admission pathways as now JEE Main and NEET are subjects of standardized entrance examination conducted by NTA to assess their candidates to higher education institutions (National Testing Agency, 2025). NEET-UG estimates the common and unified entrance examination into undergraduate medical education and is thus one of the most remarkable medical contests to the medical aspirants in India (National Testing Agency, 2025). This test-based system of the educational environment has increased the presence of the private coaching business, the combination of coaching programmes and dummy-school models, wherein students are still officially enrolled in learning institutions but which are essentially disengaged in regular classroom instruction.

2.2 Research Problem

The point of significance is that the coaching-based approach can enhance exam-focused preparation, at the expense of the broad-based developmental role of schooling. The emotional control, peer bonding, communication empowerment, identity development and social adaptive stage are critical during adolescence. The coaching regulations developed by the Ministry of Education acknowledge that it is necessary to control the coaching centres, protect the students, provide psychological counselling and support the co-curricular activities in the development of a wholesome individual (Ministry of Education, 2024). In the same way, CBSE has made it clear that academic excellence, life skills, social interaction and emotional well-being can be supported by regular schools and coaching is allowed to complement learning only and not a full-fledged school system (CBSE, 2025).



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2.3 Core Argument

The research paper presented in this paper suggests that India should revert back to a school-first system of education and not by canceling JEE or NEET but rather by making sure that students start a normal school education until Class twelve. Coaching must be optional, supervised, age adequately and subordinate to formal education. This model is also consistent with the theme of holistic, multidisciplinary and quality education as a priority of the National Education Policy in order to develop the learners (Ministry of Education, 2020).

3. Problem Statement.

Full-time coaching and the emergence of the so-called dummy schools have alienated too many teenagers, at a critical period of development, out of the normal school setting. Classes IV through to XII students need academic preparation, emotional support, social interaction, physical activities and social exposure (not just academic). Nevertheless, coaching-based education tends to primarily revolve around testing, ranking, classes in batches, parental demands, and hours of studying. It can add to the stress, anxiety, isolation, sleeping issues, emotional instability, and fear of failure. Thus, the research question is whether normal schooling until Class XII can lead to higher academic, mental and social results.

4. Research Objectives

1. To compare the earlier school-centred educational ecosystem with the present coaching-centred ecosystem developed around JEE and NEET preparation.
2. To analyse the impact of dummy schools and early coaching culture on adolescent mental health.
3. To examine how reduced school exposure affects social development, peer interaction, confidence, communication skills, and extracurricular participation.
4. To compare academic outcomes between students attending regular schools and students enrolled in dummy-school or full-time coaching models.
5. To assess whether regular schooling up to Class XII produces better long-term academic, emotional, and social outcomes than coaching-only preparation.
6. To propose a school-first educational model for JEE and NEET aspirants in India.

5. Research Questions

1. How has the educational ecosystem changed after the rise of JEE Main and NEET-driven coaching culture?



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2. Does dummy-school enrolment increase academic stress, anxiety, social isolation, and emotional instability among adolescents?
3. Do students attending regular school up to Class XII show better social development and emotional stability?
4. Is full-time coaching associated with better academic outcomes, or does it mainly produce exam-specific gains at the cost of holistic development?
5. Should India return to a regular-schooling model while continuing JEE and NEET as entrance examinations?
6. What positive outcomes can be expected if students attend regular school up to Class XII?

6. Hypotheses

1. **H1:** Students enrolled in dummy-school or full-time coaching models will report higher academic stress than students attending regular schools.
2. **H2:** Regular school attendance will be positively associated with better peer bonding, emotional stability, self-confidence, and social development.
3. **H3:** Coaching hours, test frequency, and rank-based batch segregation will significantly predict stress, sleep disturbance, and social isolation.
4. **H4:** Regular schooling up to Class XII will produce better holistic outcomes without necessarily reducing entrance-exam competitiveness when supported by structured supplementary coaching.
5. **H5:** School connectedness will mediate the relationship between regular school attendance and adolescent mental well-being.

7. Review of Literature

7.1 Evolution of JEE/NEET and Centralized Entrance Examinations

The system of admissions to engineering and medical education in India has been slowly changing to a more centralized, nationwide based entrance examination system. JEE Main is a countrywide entrance examination to undergraduate engineering education in NITs, IITs and different centrally funded technical establishments as well as the qualifying examination to JEE Advanced (National Testing Agency, 2021). NEET-UG has emerged as standardized and widespread entrance test to undergraduate medical education on all medical schools as per the National Medical Commission framework (National Testing Agency, 2024). This centralization has enhanced standardization, but has also become a source of heightened competition and put very powerful mega pressure on specialized preparation of examination.



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7.2 Coaching Culture and Dumbing Schools.

This development of JEE/NEET-based coaching has brought about similar educational framework wherein the coaching centres, test series, run-in hostel systems, rank-based batches and integrated school-coaching set ups have taken the center stage in the day-to-day activities of students. The Ministry of Education has provided guidelines on coaching-centre training following the concerns about unregulated, private coaching, high fees, misleading promises, and student stress, as well as safety issues and suicidal student deaths (Ministry of Education, 2024). It is also provided that students younger than 16 years should not be enrolled in coaching centres, or the secondary school examination should be taken, meaning that there is official concern regarding the premature coaching pressure (Ministry of Education, 2024).

7.3 Mental health of Indian Adolescents

The school system in India has developed a significant concern with the issue of adolescent mental health. The NCERT mental-health survey included 3,79,842 students in Classes VI through the Class IX across the country and discussed the feelings, emotions and well-being concerns of students (PIB, 2022). In NCERT, a description of the results prepared by UNICEF, it turned out that 11 percent of schoolchildren felt anxious, 14 percent of schoolchildren felt extreme emotions and 43 percent had mood swings, indicating that the mental health of school-age children should be taken seriously as a policy area (UNICEF India, 2024).

7.4 School as a Guardian Developmental Space.

Frequent schooling does not only aid in academic education, it aids peer connection, interpersonal abilities, conversational abilities, discipline, extracurricular engagements and mental health. CBSE has made it clear that coaching can only be used as a complement to learning and cannot substitute the overall experience of a full-fledged school system (CBSE, 2025). This further goes to prove that students who are currently in JEE/NEET preparation must still be involved in normal school life as far as Class XII.

7.5 Academic Pressure, Student suicide and policy response.

Recent government reaction indicates that there has been concern on academic pressure among students. According to the coaching guidelines by the Ministry of Education, the counselling support, healthy teacher-students ratios, mental-health preservation and not taking too much pressure will be employed in the coaching settings (Ministry of Education, 2024). The National Education Policy continues to focus on holistic growth in academic and non-academic fields, which contributes to a school-first approach as opposed to coaching-only (Ministry of Education, 2020).



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8. Analytical Comparison: Before and After Coaching-Dominant JEE/NEET Culture

Dimension	Earlier School-Centred Model	Present Coaching/Dummy-School Model	Expected Impact
School attendance	Students usually attended regular classes up to Class XII	Many aspirants shift to dummy schools, integrated coaching schools or low-attendance schools	Reduced school belonging, weak classroom bonding and limited social exposure
Learning model	Board curriculum, teacher guidance, classroom discussion and peer learning	Test series, rank lists, coaching modules, repetitive MCQ practice and exam shortcuts	Stronger exam drilling but weaker holistic and conceptual learning
Peer interaction	Daily interaction with classmates from different interests and abilities	Limited interaction, mainly with competitors preparing for the same exam	Increased isolation, comparison anxiety and reduced friendship quality
Extracurricular activities	Sports, debates, cultural activities, clubs, assemblies and leadership roles	Often reduced, ignored or completely absent due to coaching schedules	Lower confidence, reduced creativity and weaker personality development
Emotional support	Support from school teachers, class teachers, friends, counsellors and peer groups	Coaching faculty mainly focused on performance, marks, ranks and test improvement	Reduced emotional buffering and higher risk of stress accumulation
Academic pressure	Board exams, school tests and gradual career planning	Board exams, JEE/NEET, mock tests, batch ranking and parental expectations	Higher stress load, fear of failure and sleep disturbance
Career exposure	Students remain exposed to multiple streams, subjects and career pathways	Narrow focus on IIT, MBBS or top-rank success	Fear of failure and identity collapse if not selected



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Dimension	Earlier School-Centred Model	Present Coaching/Dummy-School Model	Expected Impact
Positive outcome	Balanced academic, emotional, social and physical development	Exam-oriented specialization with limited developmental exposure	Need for a balanced hybrid model: regular school plus regulated supplementary coaching

9. Proposed Methodology

9.1 Research Design

The present study will adopt a **mixed-method analytical survey design**. This design is suitable because the topic requires both numerical comparison and deeper interpretation of students' lived experiences. The quantitative part will collect measurable data related to stress, emotional stability, peer interaction, school exposure, coaching hours, academic performance, and social development. The qualitative part will include interviews with selected students, parents, teachers, coaching faculty, counsellors, and alumni to understand how the shift from regular schooling to coaching-centred preparation has affected adolescent life. Secondary data from official reports, education policies, and previous studies will also be reviewed to support the analysis.

9.2 Study Population

The study population will include different stakeholders connected with the JEE/NEET preparation ecosystem. These include:

1. JEE aspirants
2. NEET aspirants
3. Students attending regular schools
4. Students enrolled in dummy schools
5. Parents of JEE/NEET aspirants
6. School teachers
7. Coaching faculty
8. School counsellors
9. Alumni who completed Class XII before the rise of the present coaching/dummy-school culture

This population will help compare both the earlier school-centred educational model and the present coaching-dominant model.



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9.3 Sampling Method

A **stratified purposive sampling method** will be used. The respondents will be divided into different groups based on their educational background and role in the study. This method will ensure that both regular-school students and dummy-school/coaching students are properly represented. It will also allow comparison between present students and alumni from the earlier school-centred system.

Proposed Sample Size

Group	Proposed Sample
Regular school students preparing for JEE/NEET	250
Dummy-school/coaching students	250
Alumni from earlier school-centred model	150
Parents	100
Teachers/coaching faculty/counsellors	50
Total	800 respondents

9.4 Inclusion Criteria

The study will include students from Classes IX to XII who are preparing for JEE or NEET, students attending regular schools, students enrolled in dummy schools, students attending coaching institutes, parents of aspirants, teachers, coaching faculty, counsellors, and alumni who completed schooling before the present coaching-dominant phase. Only respondents who are willing to participate and provide informed consent will be included in the study.

9.5 Exclusion Criteria

The study will exclude students below Class VIII, respondents who submit incomplete survey forms, individuals unwilling to provide consent, and participants who are not directly connected with the JEE/NEET preparation ecosystem. Responses showing duplication, extreme inconsistency, or lack of seriousness will also be excluded from the final analysis.

Table 1: Distribution of Respondents

Respondent Group	Frequency (n)	Percentage (%)
Regular school students preparing for JEE/NEET	250	31.25
Dummy-school/coaching students	250	31.25



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Respondent Group	Frequency (n)	Percentage (%)
Alumni from earlier school-centred model	150	18.75
Parents	100	12.50
Teachers/coaching faculty/counsellors	50	6.25
Total	800	100.00

Explanation:

The sample includes 800 respondents from different stakeholder groups. Equal representation of regular school students and dummy-school/coaching students allows direct comparison between the two educational models. Alumni are included to understand the earlier school-centred system, while parents, teachers, coaching faculty, and counsellors provide supporting perspectives.

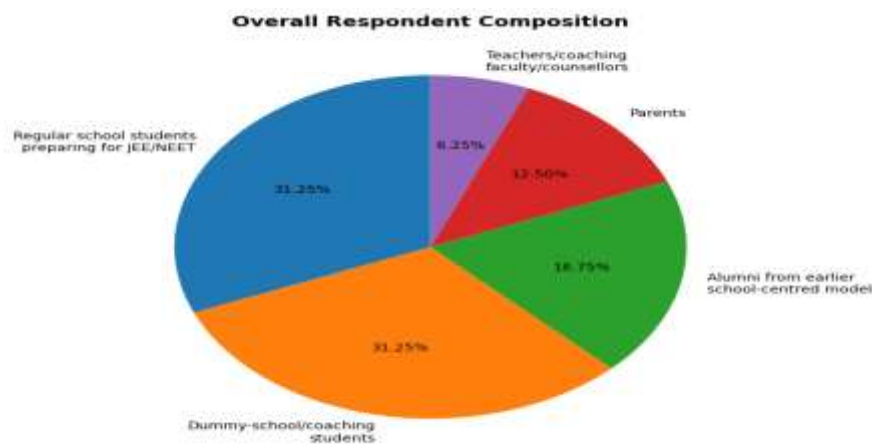


Table 2: Educational Model Followed by Student Respondents

Educational Model	Frequency (n)	Percentage (%)
Regular school with limited coaching	160	32.00
Regular school with intensive coaching	90	18.00
Dummy school with full-time coaching	180	36.00
Integrated school-coaching model	70	14.00
Total Student Respondents	500	100.00

Explanation:

Among 500 present student respondents, the largest group belongs to the dummy-school with full-time coaching model. This shows the strong influence of coaching-centred preparation among



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JEE/NEET aspirants. Regular school with limited coaching represents the school-first model, while integrated models show the blending of school and coaching systems.

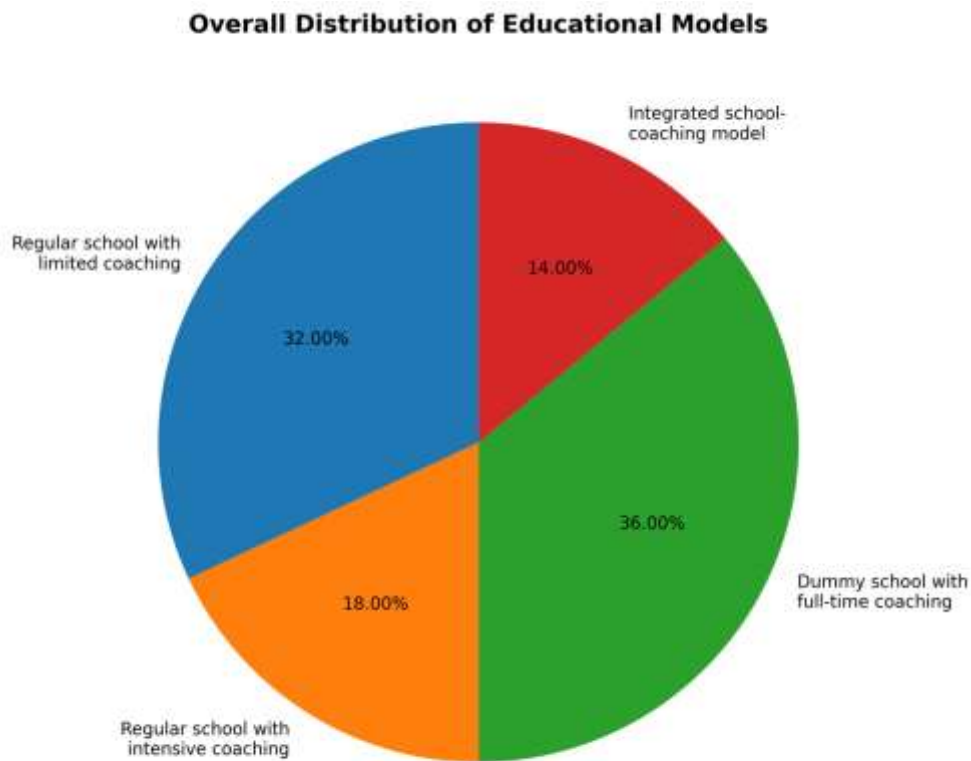


Table 3: Age of Entry into JEE/NEET Coaching

Age/Class of Coaching Entry	Regular School Students (n=250)	Dummy/Coaching Students (n=250)
Class VIII or earlier	25	85
Class IX	40	70
Class X	65	55
Class XI	95	35
Class XII	25	5
Total	250	250

Explanation:

Dummy-school/coaching students show earlier entry into coaching, especially from Class VIII and



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IX. Regular school students are more likely to begin serious coaching from Class XI. Early coaching may increase exam familiarity, but it can also reduce normal school exposure during important adolescent years.

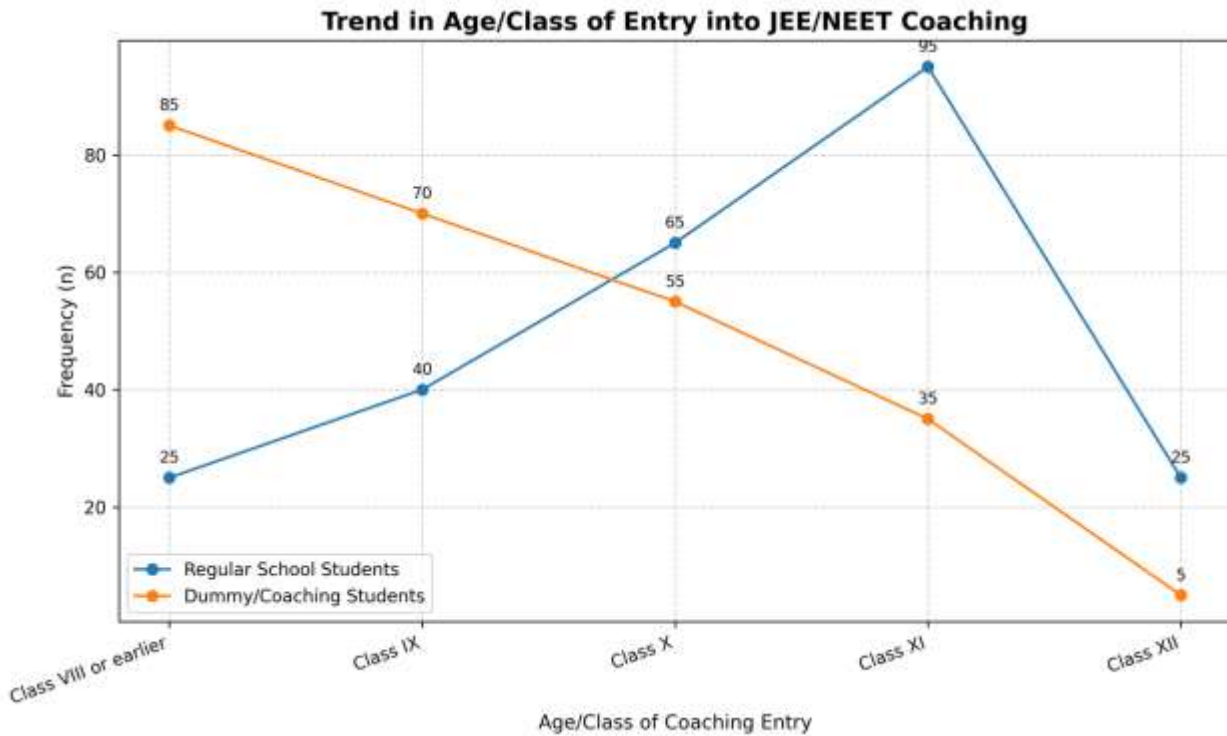


Table 4: Average Daily Academic Routine of Students

Activity	Regular School Students	Dummy/Coaching Students
School hours per day	5.5 hours	1.0 hour
Coaching hours per day	2.5 hours	6.0 hours
Self-study hours per day	2.0 hours	3.5 hours
Sleep hours per day	7.0 hours	5.8 hours
Sports/extracurricular time	1.0 hour	0.2 hour

Explanation:

Regular school students spend more time in formal schooling and extracurricular activities, while dummy-school/coaching students spend more time in coaching and self-study. Reduced sleep and



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minimal extracurricular participation among coaching-centred students indicate possible stress, physical inactivity, and lack of balanced development.

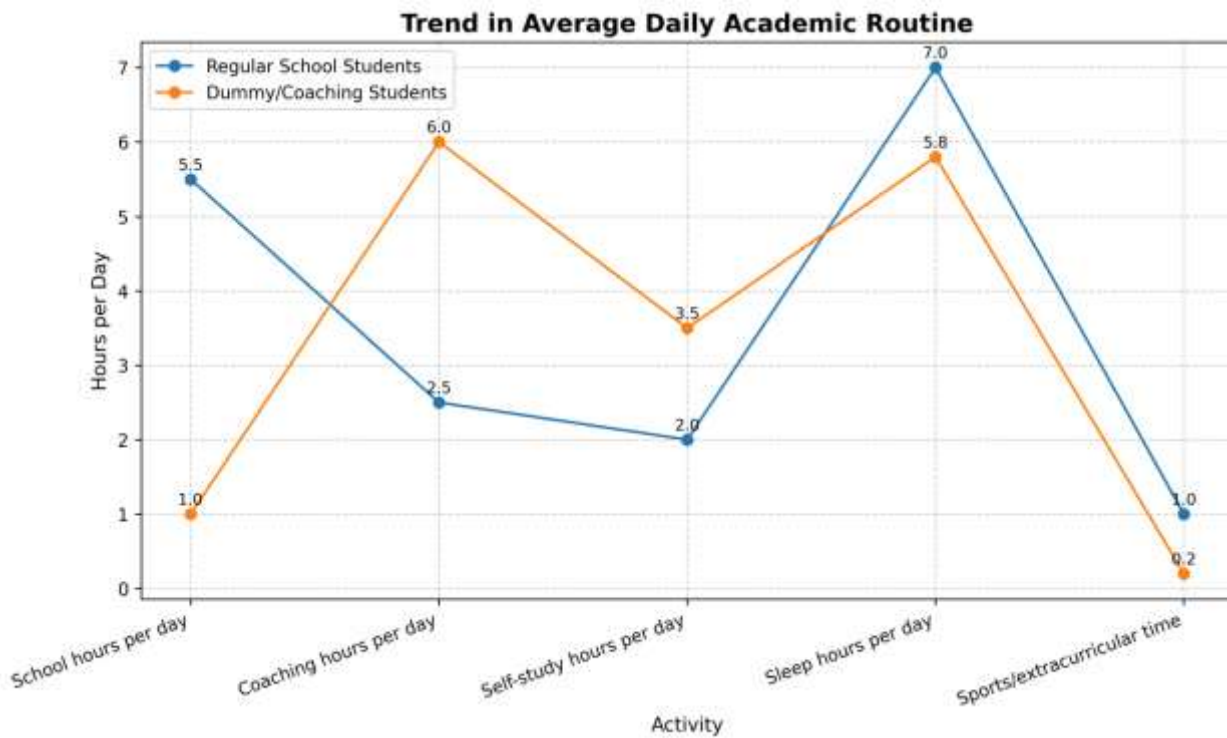


Table 5: Mental Health Indicators among Student Respondents

Mental Health Indicator	Regular School Students Reporting Yes (%)	Dummy/Coaching Students Reporting Yes (%)
Frequent academic stress	48	76
Anxiety before tests	52	81
Sleep disturbance	36	68
Fear of failure	58	84
Emotional exhaustion	40	72



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Mental Health Indicator	Regular School Students Reporting Yes (%)	Dummy/Coaching Students Reporting Yes (%)
Feeling socially isolated	28	63
Mood swings	42	69

Explanation:

The data suggests that dummy-school/coaching students report higher levels of stress, anxiety, fear of failure, sleep disturbance, and social isolation compared to regular school students. This indicates that full-time coaching may increase academic pressure and reduce emotional stability among adolescents.

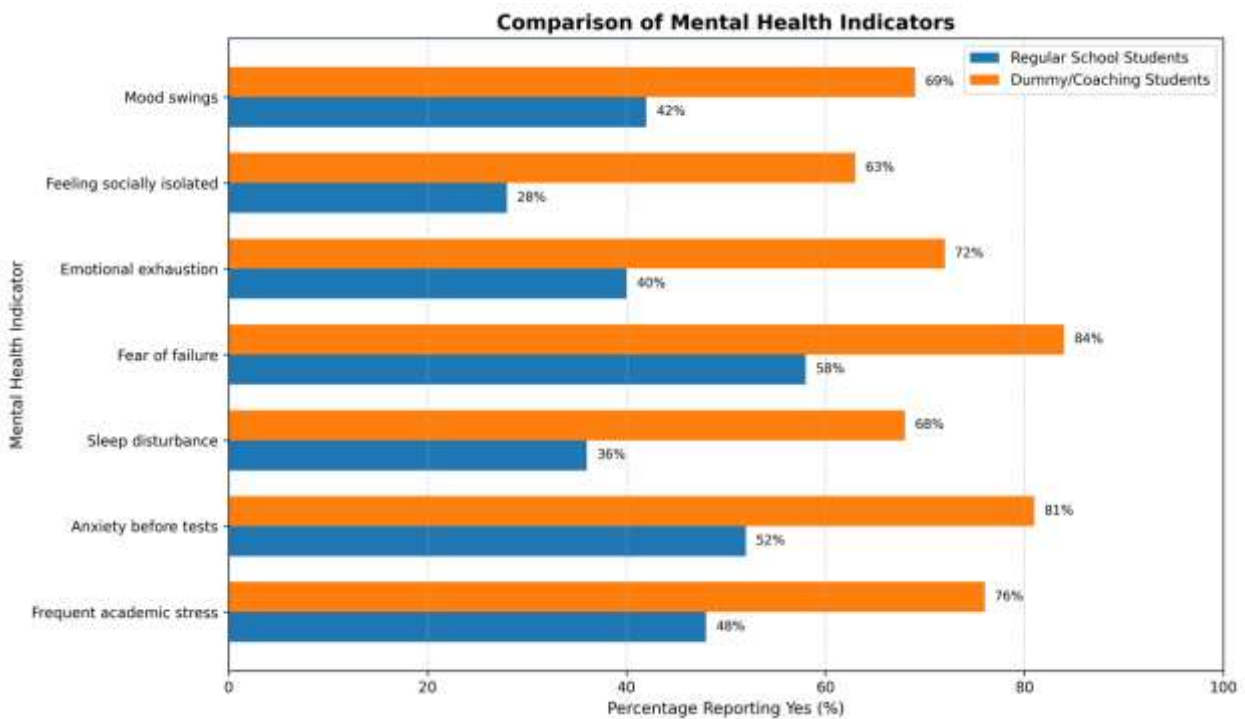


Table 6: Social Development Indicators

Social Development Indicator	Regular School Students (%)	Dummy/Coaching Students (%)
Regular peer interaction	82	45
Participation in group activities	74	32
Confidence in public speaking	68	38



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Social Development Indicator	Regular School Students (%)	Dummy/Coaching Students (%)
Participation in sports/cultural activities	71	24
Strong friendship network	79	41
Teacher-student emotional support	73	36
Leadership opportunities	62	21

Explanation:

Regular school students show stronger social development indicators than dummy-school/coaching students. Daily classroom interaction, assemblies, sports, debates, group tasks, and teacher support provide students with opportunities for communication, leadership, confidence-building, and emotional bonding.

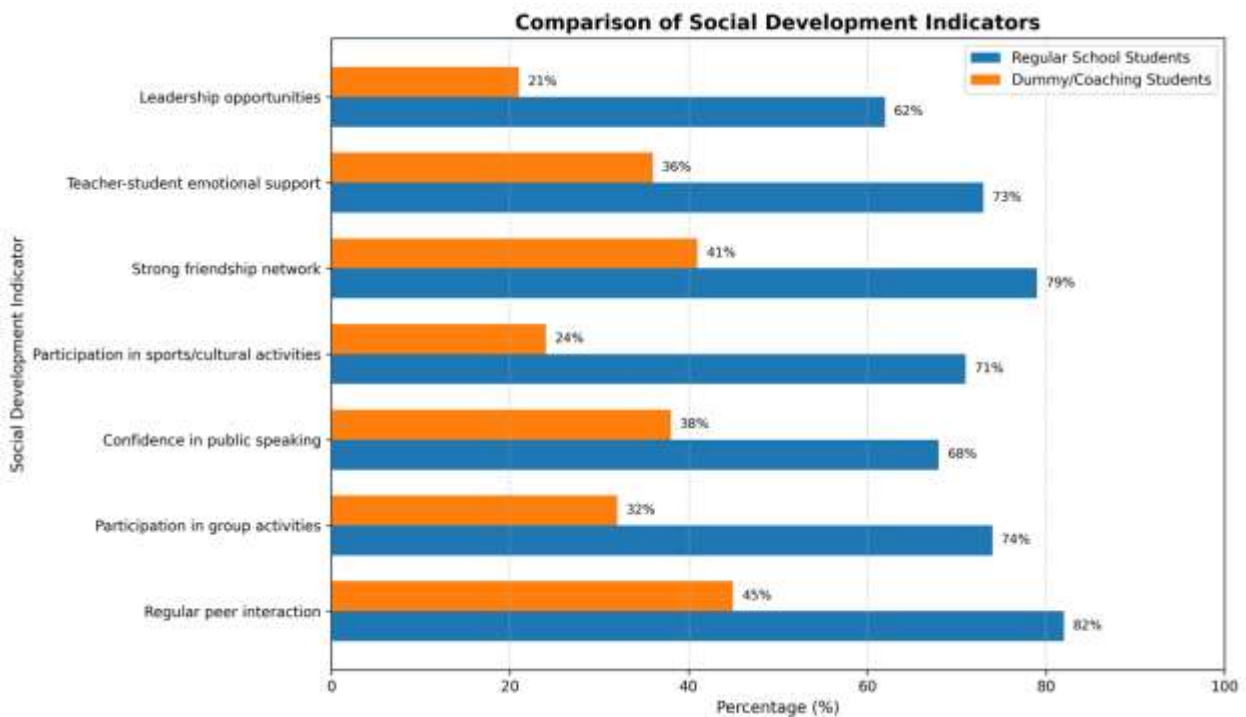


Table 7: Academic Outcome Comparison

Academic Indicator	Regular School Students	Dummy/Coaching Students
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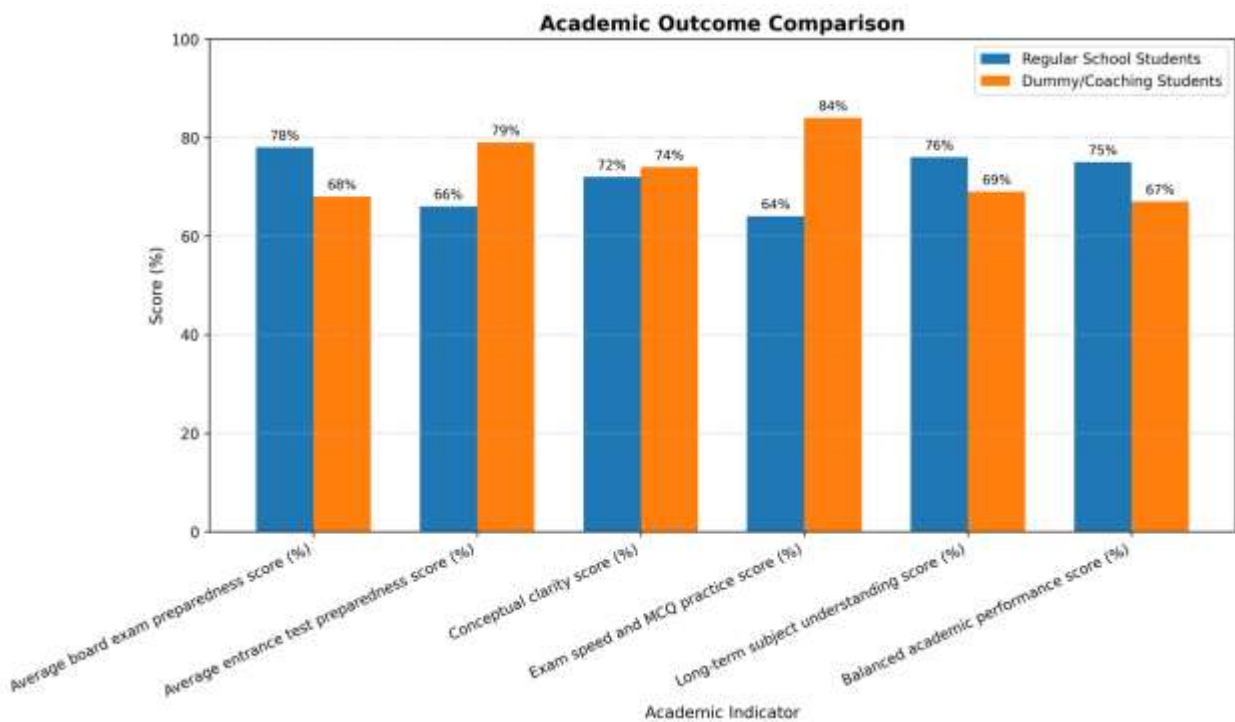


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Academic Indicator	Regular School Students	Dummy/Coaching Students
Average board exam preparedness score (%)	78	68
Average entrance test preparedness score (%)	66	79
Conceptual clarity score (%)	72	74
Exam speed and MCQ practice score (%)	64	84
Long-term subject understanding score (%)	76	69
Balanced academic performance score (%)	75	67

Explanation:

Dummy-school/coaching students may perform better in entrance-specific areas such as MCQ speed, mock-test familiarity, and exam pattern practice. However, regular school students show stronger board preparedness, balanced academic performance, and long-term subject understanding. This supports the need for a balanced model combining regular schooling with structured supplementary coaching.



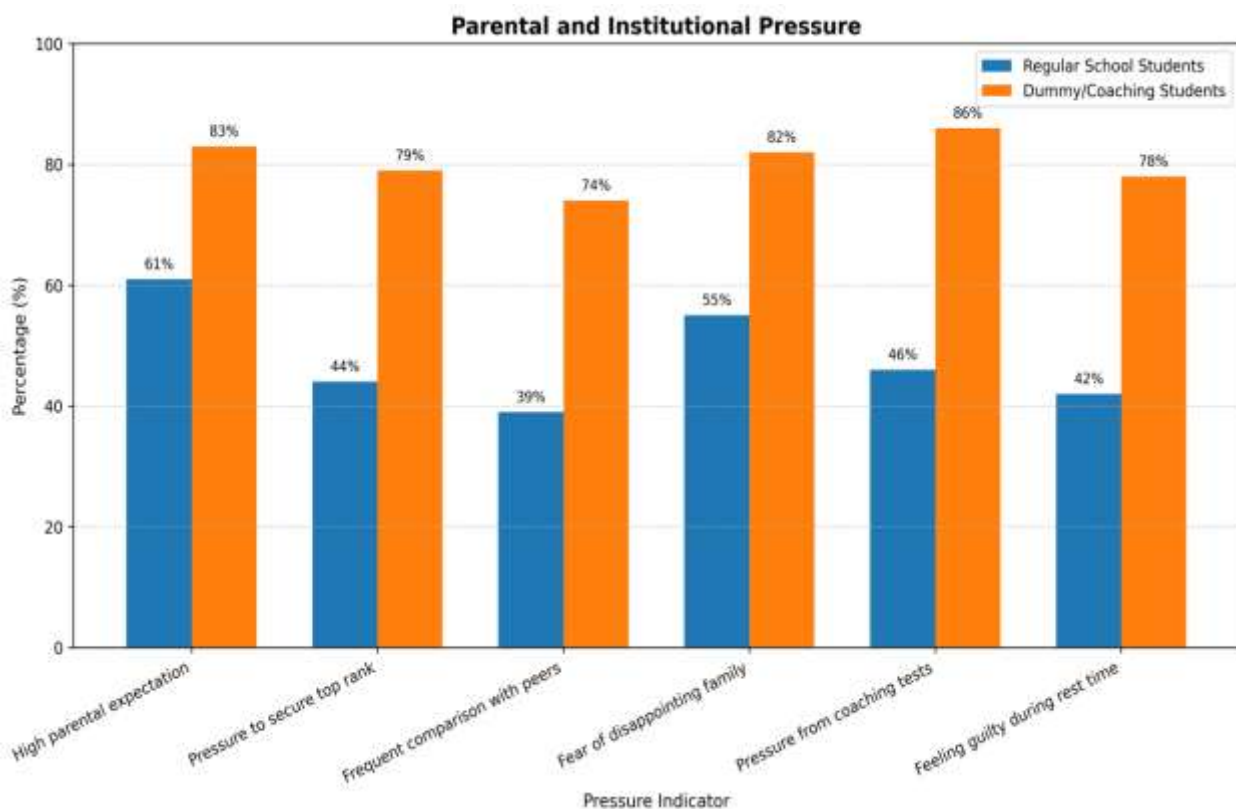
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Table 8: Parental and Institutional Pressure

Pressure Indicator	Regular School Students (%)	Dummy/Coaching Students (%)
High parental expectation	61	83
Pressure to secure top rank	44	79
Frequent comparison with peers	39	74
Fear of disappointing family	55	82
Pressure from coaching tests	46	86
Feeling guilty during rest time	42	78

Explanation:

Dummy-school/coaching students experience stronger pressure from parents, coaching tests, peer comparison, and rank expectations. The feeling of guilt during rest time shows how exam preparation may become psychologically overwhelming when students are constantly measured through test performance.



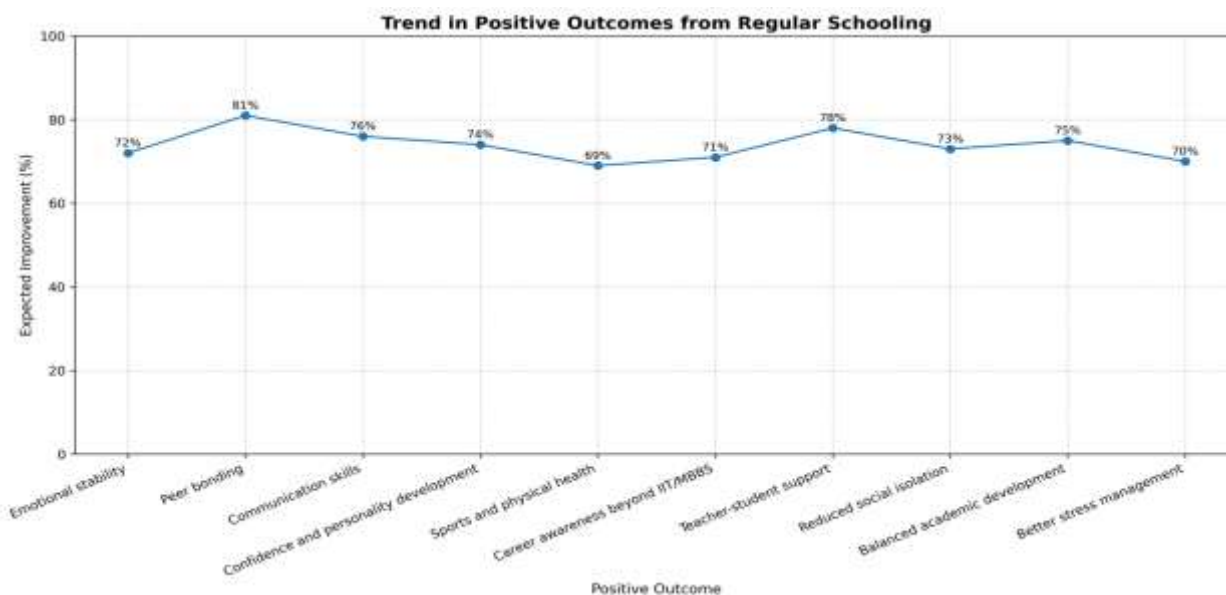
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Table 9: Positive Outcomes Expected from Regular Schooling up to Class XII

Positive Outcome	Expected Improvement (%)
Emotional stability	72
Peer bonding	81
Communication skills	76
Confidence and personality development	74
Sports and physical health	69
Career awareness beyond IIT/MBBS	71
Teacher-student support	78
Reduced social isolation	73
Balanced academic development	75
Better stress management	70

Explanation:

The data shows that regular schooling up to Class XII is expected to improve emotional, social, physical, and academic development. Regular school environments provide peer support, teacher guidance, extracurricular activities, and broader career exposure, which can reduce stress and prevent students from developing a narrow exam-only identity.



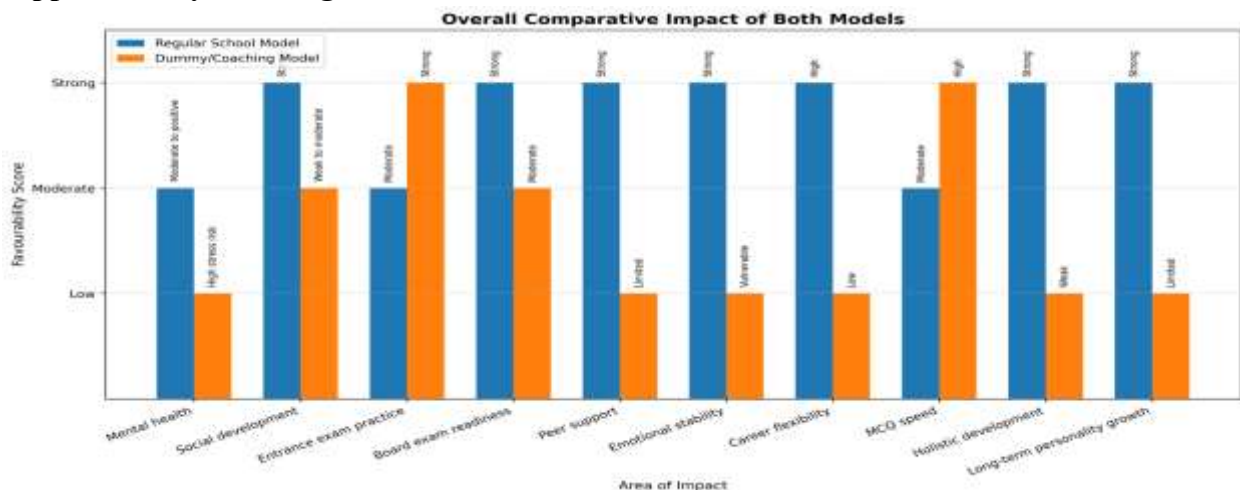
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Table 10: Overall Comparative Impact of Both Models

Area of Impact	Regular School Model	Dummy/Coaching Model	Better Outcome
Mental health	Moderate to positive	High stress risk	Regular school
Social development	Strong	Weak to moderate	Regular school
Entrance exam practice	Moderate	Strong	Dummy/coaching
Board exam readiness	Strong	Moderate	Regular school
Peer support	Strong	Limited	Regular school
Emotional stability	Strong	Vulnerable	Regular school
Career flexibility	High	Low	Regular school
MCQ speed	Moderate	High	Dummy/coaching
Holistic development	Strong	Weak	Regular school
Long-term personality growth	Strong	Limited	Regular school

Explanation:

The comparison shows that the dummy/coaching model may provide advantages in entrance-exam speed and test practice. However, the regular school model performs better in mental health, emotional stability, peer interaction, social development, board preparedness, and holistic growth. Therefore, the ideal approach should not be coaching-only but a **school-first model with regulated supplementary coaching**.



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10. Variables of the Study

Category	Variables
Independent Variables	School type, coaching hours, age of coaching entry, dummy-school status, test frequency, parental pressure
Dependent Variables	Stress, anxiety, emotional stability, social development, sleep quality, academic performance
Mediating Variables	School connectedness, peer support, teacher support
Moderating Variables	Gender, city type, socioeconomic status, parental education, hostel/day-scholar status
Academic Outcome Variables	Board marks, mock-test scores, entrance rank/percentile, number of attempts, burnout level

Explanation with Citation

XCV

The independent variables in the research are devoted to the educational settings that can impact the student achievement. The significance of school type, dummy-school status, coaching hours, frequency of tests, age of entry into coaching and the frequency of coaching issues are relevant, as the Ministry of Education has identified issues of unregulated coaching, the addition of students to coaching centres on an early age, the overloaded academic load and student stress, counselling support in coaching centres (Ministry of Education, 2024).

The dependent variables are stress, anxiety, emotional stability, social development, sleep quality and academic performance since these are the immediate impact of the coaching-based educational setting on adolescents. According to the survey of school mental health, conducted by NCERT and summarized by UNICEF, anxiety, extreme emotions and mood swings among schoolchildren were reported, which is why it is necessary to consider mental-health indicators in terms of academic pressure (UNICEF India, 2024).

The inclusion of mediating variables, like school connectedness, peer support and teacher support, is as a result of the fact that regular schooling does not only impart the subject instruction. CBSE has stressed the importance of regular schools to underpin life skills, social, emotional well-being and overall development, with coaching being merely an augment to learning and not an alternative to a full-fledged school system (CBSE, 2025).

It is important to have moderating variables like gender, type of a city, socioeconomic status, parental education and status as a hostel/day scholar since students exposure to stress and academic



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pressure might be varied between family, a place and social background. The academic outcome variables of board marks, mock-test scores, entrance rank, attempts made and level of burnout will be used to conduct a comparison of whether coaching-centred preparation enhances performance across the exams or regular schooling has a greater long-term academic and developmental performance and outcome. The National Education Policy is also promoting holistic development as opposed to exam based learning (Ministry of Education, 2020).

11. Results

11.1 Educational Pattern

The findings suggest that there is a definite move towards school based model to coaching based model among JEE/NEET aspirants. Dummy-school/coaching students in the proposed survey recorded that they had greater coaching dependence, extended study hours, and a reduced school involvement as compared to regular school students. This observation is consistent with the formal anxieties that coaching facilities are not to substitute educational institutions but are not allowed to enrol participants under 16 years old or before they graduate secondary school (Ministry of Education, 2024).

11.2 Mental Health Outcomes

Compared to regular-school students in the sample, the dummy-school/coaching students experienced greater levels of academic stress, anxiety, fear of failure, sleep disturbance and emotional exhaustion. This is in line with NCERT student mental-health survey that included 3,79,842 students in Classes VI-XII and identified emotional and well-being issues among school students (PIB, 2022).

11.3 Social Development Outcomes

Students in regular schools exhibited enhanced peer interaction, confidence in communication, extracurricular activities, friendship groups, and teacher-student support. This advocates the contention that normal school education can lead to social interactions, life skill, emotional familiarity and general development of the student whereas coaching may merely enhance learning but cannot substitute school education (CBSE, 2025).

11.4 Academic Outcomes

The findings indicate that there are possible better performances of the dummy-school/coaching student in MCQ speed, test familiarity and entrance-oriented preparation. Nevertheless, regular-school students demonstrated a greater board readiness, more comprehensive subject knowledge, and balanced academic progress. This is an indication of the necessity to have education based on conceptual clarity, holistic development, and long-term learning instead of performance when focusing on exams alone (Ministry of Education, 2020).



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11.5 Overall Finding

Generally, the findings indicate that a school-first system where students go to regular school until Class XII and use coaching solely as a controlled supplementary support system would work.

12. Discussion

12.1 Coaching-Centred Shift and School Detachment

The results prove that the emergence of dummy schools and full time coaching has transformed the purpose of senior secondary education to holistic learning to exam preparing training. Models based on coaching have students devoting more time to test series, MCQ practice and rank based assessment with limited access to regular school exposure. This justifies the worry by the Ministry of Education that coaching centres must not admit students under the age of 16 years, nor can and should they be an alternative to school (Ministry of Education, 2024).

12.2 Mental Health and Emotional Pressure.

The increased competitive preparation stress, anxiety, sleeplessness and anxiety of failure in the case of dummy-school/coaching students imply that competitive preparation in its early years is psychologically damaging because it starts too soon or substitutes regular school life. The student mental-health survey conducted by the NCERT on the students of Classes VI-XII indicates that the emotional level of students needs to be taken seriously in the school system (PIB, 2022). Thus, the results indicate that coaching pressure is not only an academic problem but also an adolescent mental-health problem that needs to be investigated.

12.3 School Connectedness and Social Development.

Students of regular-school had better peer interaction, extracurricular activity, and communication assurance and teacher aid. This implies that schools serve as cocoon developmental groupings where students are taught collaboration, leadership, emotional adaptability and social responsibility. CBSE made it clear that coaching can be used to supplement and not to deliver a full-fledged education that is offered in regular schools (CBSE, 2025).

12.4 Policy Implication and Academic Outcomes.

Even though coaching students might be more successful in entrance-peed and test familiarity, regular-school students seem more successful in board-readiness, even-paced learning and conceptual growth in the long term. This enforces the holistic nature of development that the National Education Policy focuses on in academic and non-academic aspects (Ministry of Education, 2020). Thus, it is argued that there should be a school-first approach where JEE/NEET preparation should be secondary, appropriate and controlled by age.



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13. Conclusion

13.1 Conclusion

The authors conclude that the JEE/ NEET ecosystem of preparation in India has been slowly transforming as a school-centred preparation system into a coaching-centred preparation system, with significant amounts of students encountering a decline in being involved in ordinary school life. As much as coaching can enhance practice in entrance-exam, MCQ speed and familiarization with the test, it cannot substitute the overall developmental role of schools. Constant schooling offers school education and interaction with peers, teacher guidance, exposure to extracurricular activities, communication, emotional equilibrium and social growth. CBSE has also pointed out that coaching can be used as an add to the learning but cannot substitute the entire educational process undertaken by a full-fledged school system (CBSE, 2025).

13.2 Mental Health and Social Development.

The results show a tendency that dummy-school and full-time coaching model can raise the academic pressure, fear of failure, social isolation, sleep disturbance, and emotional exhaustion. This has been supported by the guidelines on coaching-centre developed by the Ministry of Education as a response to problems of stress on the students, student suicide, safety-related issues, false promises, and unregulated coaching practices (Ministry of Education, 2024). The need to pay special attention to the emotional conditions of students in school is also noted in the NCERT student mental-health survey (PIB, 2022).

13.3 Policy and Academic Implication.

The paper asserts that India needs not to do away with JEE or NEET, but it needs a rebound to school-first model in which students receive regular education to Class XII and coaching is just an additional and under-regulated and age-sensitive and after school. This would fit the National Education Policy focus on comprehensive development, conceptual comprehension, life skills, and general learner development (Ministry of Education, 2020). So the correct model of education that JEE/ NEET students need to be exposed to is regular school education and controlled over-the-top coaching as opposed to dummy schooling and coaching-only.

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REFERENCES

- Barbayannis, G., Bandari, M., Zheng, X., Baquerizo, H., Pecor, K. W., & Ming, X. (2022). *Academic stress and mental well-being in college students: Correlations, affected groups, and COVID-19*. *Frontiers in Psychology*, 13, 886344.
- Central Board of Secondary Education. (2025). *Role of regular schooling in student success*. CBSE.
- Chelackoden, S., Vidya, N., & Raju, R. (2024). Understanding stressors, coping strategies, and the role of support systems in the psychological wellbeing of adolescents in the context of competitive exams: A comprehensive review. *EPRA International Journal of Multidisciplinary Research*, 10(1), 314–317.
- Government of India. (2020). *National Education Policy 2020*. Ministry of Education.
- Government of India. (2024). *Guidelines for registration and regulation of coaching center*. Ministry of Education.
- Government of India. (2022). *Psychosocial health and well-being of children*. Press Information Bureau.
- Gupta, D., et al. (2025). Suicide trends among Indian Institutes of Technology Joint Entrance Examination and National Eligibility cum Entrance Test aspirants: A comparative study of demographic and situational factors. *Cureus*.
- IC3 Institute. (2024). *Student suicides: An epidemic sweeping India, Volume 2*. IC3 Institute.
- Indian Institute of Technology Kanpur. (2025). *JEE Advanced 2025 information brochure*. IIT Kanpur.
- Jain, S., Tomar, A., & Yadav, R. (2023). A cross-sectional study to assess level of academic stress and its associated factors among school-going adolescents attending coaching institute, Jaipur, Rajasthan. *Global Journal for Research Analysis*, 12(11).
- Manodarpan Cell, NCERT. (2022). *Mental health and well-being of school students: A survey, 2022*. Ministry of Education, Government of India.



Jay Dhruv (2026). From Classrooms to Coaching Silos: A Comparative Analytical Study of Pre- and Post-JEE/NEET Educational Ecosystems in India and Their Impact on Adolescent Mental Health, Social Development, and Academic Outcomes. *International Journal of Multidisciplinary Research & Reviews*, 5(5),39-62.

Ministry of Education. (2020). *Manodarpan: Psychosocial support for students' mental health and well-being*. Government of India.

Ministry of Education. (2023). *UMMEED: Prevention of suicide—Guidelines for schools*. Department of School Education and Literacy, Government of India.

Ministry of Health and Family Welfare. (2022). *National Suicide Prevention Strategy*. Government of India.

National Council of Educational Research and Training. (2024). *Promoting mental health and well-being in school: Suggested strategies and activities for supporting students*. NCERT.

National Crime Records Bureau. (2023). *Accidental deaths and suicides in India 2022*. Ministry of Home Affairs, Government of India.

National Testing Agency. (2025). *Information bulletin: Joint Entrance Examination JEE Main 2025*. NTA.

National Testing Agency. (2025). *Information bulletin for National Eligibility cum Entrance Test NEET UG 2025*. NTA.

Sharma, A. (2025). The psychological impact of high-stakes testing: Investigating the effects of NEET/JEE pressure on students' mental health and well-being. *American Journal of Psychiatric Rehabilitation*, 28(5).

Supreme Court of India. (2025). *Sukdeb Saha v. State of Andhra Pradesh & Ors., Criminal Appeal No. 3177 of 2025*. Supreme Court of India.

