AMALA INSTITUTE OF MEDICAL SCIENCES

Amala Nagar, Thrissur, Kerala-680555, Ph: 0487-2304116

04.04.2023

EVENING STUDY SESSION

The evening study sessions will commence from 10.04.2023 as an effort to improve the academic performance of the MBBS first year students (2022 admission). The list of students who are to attend the sessions have been displayed on the noticeboards in lecture hall III.

Instructions to students

1. The study sessions will be conducted on all working days from Monday to Friday. The sessions will not be held on weekends (Saturday & Sunday) and on college holidays.
2. The session will commence at 5:00 PM and continue till 6:30 PM.
3. The students have to report on time and shall not leave until the session is over.
4. It is mandatory for the students in the list to attend these sessions. In case the student is not able to attend the session due to genuine reasons, the same has to be reported to the coordinator at the earliest.
5. The students have to mark their attendance in the evening study session register.
6. They are to come in appropriate attire. The students are also instructed to wear their ID cards.
7. The students are advised to maintain silence in order to ensure an environment for learning.
8. Students are not permitted to use mobile phones or other electronic media during study sessions.
9. Combine study is not recommended
10. Avoid having food and beverages in the lecture hall.

Dr Arun K Prakash
Asst Professor (Physiology)
Coordinator
Evening Study Session

Dr Deepthi Ramakrishnan
Vice Principal

Principal
AIMS, Thrissur

DR. BETSY THOMAS
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Department of Physiology

Report on Low Performers Program – MBBS 2024 Batch

In order to provide academic support and improve the performance of students who were struggling in the MBBS 2024 batch, a Low Performers Program was initiated by the Department of Physiology in coordination with the Departments of Anatomy and Biochemistry.

Students who scored less than 50% in the Part Completion Test were identified and included in the program for additional academic assistance. Dedicated special classes were conducted on alternate Fridays from 12:00 pm to 1:00 pm. These sessions were jointly conducted by faculty from Physiology, Anatomy, and Biochemistry. The classes focused on reinforcing fundamental concepts, clarifying doubts, and offering problem-solving strategies. Following the intervention, the students who participated in the program showed notable improvement in their academic performance in the subsequent internal examinations. The program served its objective of strengthening the students' understanding and confidence.

A special PTA meeting was held on 16th June 2025, where parents of the low-performing students were invited to discuss their ward's academic progress. Dr. Bindu C. B., Head of the Department of Physiology, attended the meeting and provided valuable insights into each student's academic status and the support provided through the program. The session also facilitated collaborative strategies between faculty and parents to continue guiding the students. This program reflects the department's commitment to ensuring the academic success and overall development of all students, particularly those requiring additional support.

Prepared by: Dr. R. Lilly Pushpam, Professor of Physiology

Approved by : Dr. Bindu C B, Professor & HOD of Physiology, AIMS, Thrissur

Date: July 24th, 2025

PROFESSOR & HEAD
DEPARTMENT OF PHYSIOLOGY
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23/07/2025

Report of Psychometric Evaluation of 2024 batch students

A psychometric assessment was conducted for a cohort of 64 students from the 2024 batch to evaluate cognitive and psychological traits using a standardized test by the Psychiatry department, AIMS, Thrissur. The total scores ranged from 0 to 100, and the data followed a normal distribution, indicating that the test reliably captured the spread of performance across the group. The statistical analysis of the results yielded a mean score of 56.46 and a standard deviation of 17.00, suggesting that most students performed around a mid-level average, with a moderate level of variation.

The bell-shaped normal distribution curve indicates that a significant proportion of students scored near the mean, forming a symmetrical distribution. Based on standard distribution principles:

- Approximately 68% of the students (around 44 students) scored within one standard deviation of the mean, i.e., between 39.46 and 73.46.
- Approximately 95% of the students (around 61 students) scored within two standard deviations of the mean, i.e., between 22.46 and 90.46.
- This implies that the majority of the students fall within the expected performance range, with only a small number of outliers.

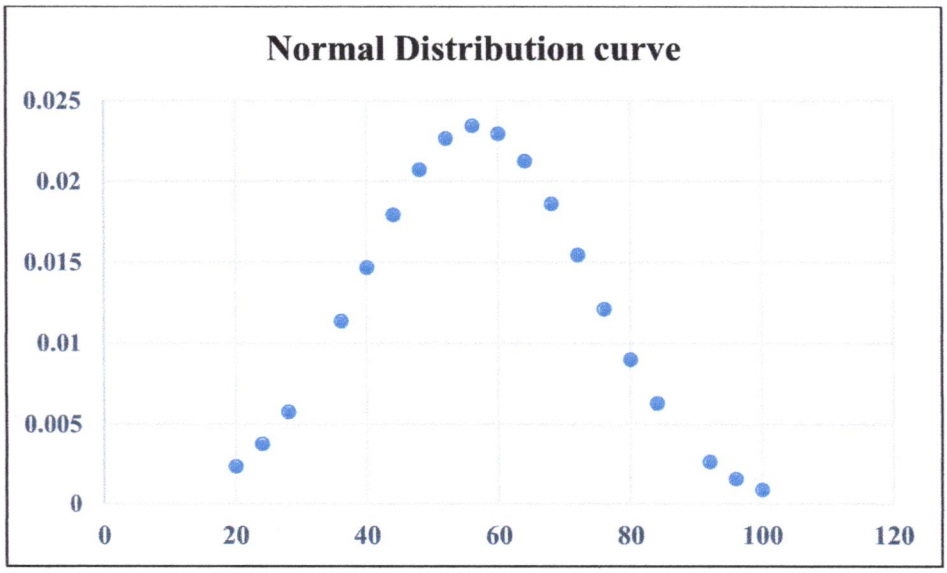

Fig 1. Normal Distribution curve of Psychometric analysis of 2024 batch students

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Detailed score Band Breakdown

A closer examination of the score distribution reveals important insights when the data is segmented according to standard deviation intervals. Students who scored between one and two standard deviations below the mean specifically within the range of 22.46 to 39.46 are considered to be slightly below average, yet still within a reasonable and expected performance range. In this category, three students were identified with scores of 24, 28, and 36, indicating that while they may benefit from academic support, their scores do not represent extreme deviation from the norm.

On the other hand, students scoring between one and two standard deviations above the mean, that is, within the range of 73.46 to 90.46, demonstrated above-average performance, reflecting stronger psychometric capabilities. A total of nine students fell into this bracket, with scores of 76 (3 students), 80 (5 students), and 84 (1 student). These students show signs of higher-than-average cognitive or psychological performance and may be strong candidates for enrichment opportunities, advanced coursework, or further developmental tracking.

Outlier Analysis

In terms of outliers, which are students who scored beyond two standard deviations from the mean, the analysis identified both high and low extremes. On the higher end, three students scored above 90.46, with specific scores of 92, 96, and 100. These students can be considered exceptional performers, indicating superior psychometric functioning and high potential. On the lower end, one student scored below 22.46, with a score of 20, placing them more than two standard deviations below the mean. This student may be at risk and would likely benefit from individualized attention, academic intervention, or psychological support, depending on the broader context of their learning profile.

Conclusion

The psychometric profile of the 2024 batch demonstrates a statistically sound and normally distributed pattern of performance. The majority of students scored within one standard deviation of the mean (39.46–73.46), representing the central band of performance. Additionally, 12 students fell between one and two standard deviations from the mean 3 below and 9 above showing a healthy range of variability. Only four students (one on the lower end and three on the higher end) scored beyond two standard deviations, identifying them as

statistical outliers. These students should be considered for additional support or enrichment based on their individual needs.

Overall, the results reflect a balanced academic and cognitive profile across the batch and provide a strong foundation for personalized academic planning, enrichment opportunities, and targeted interventions.

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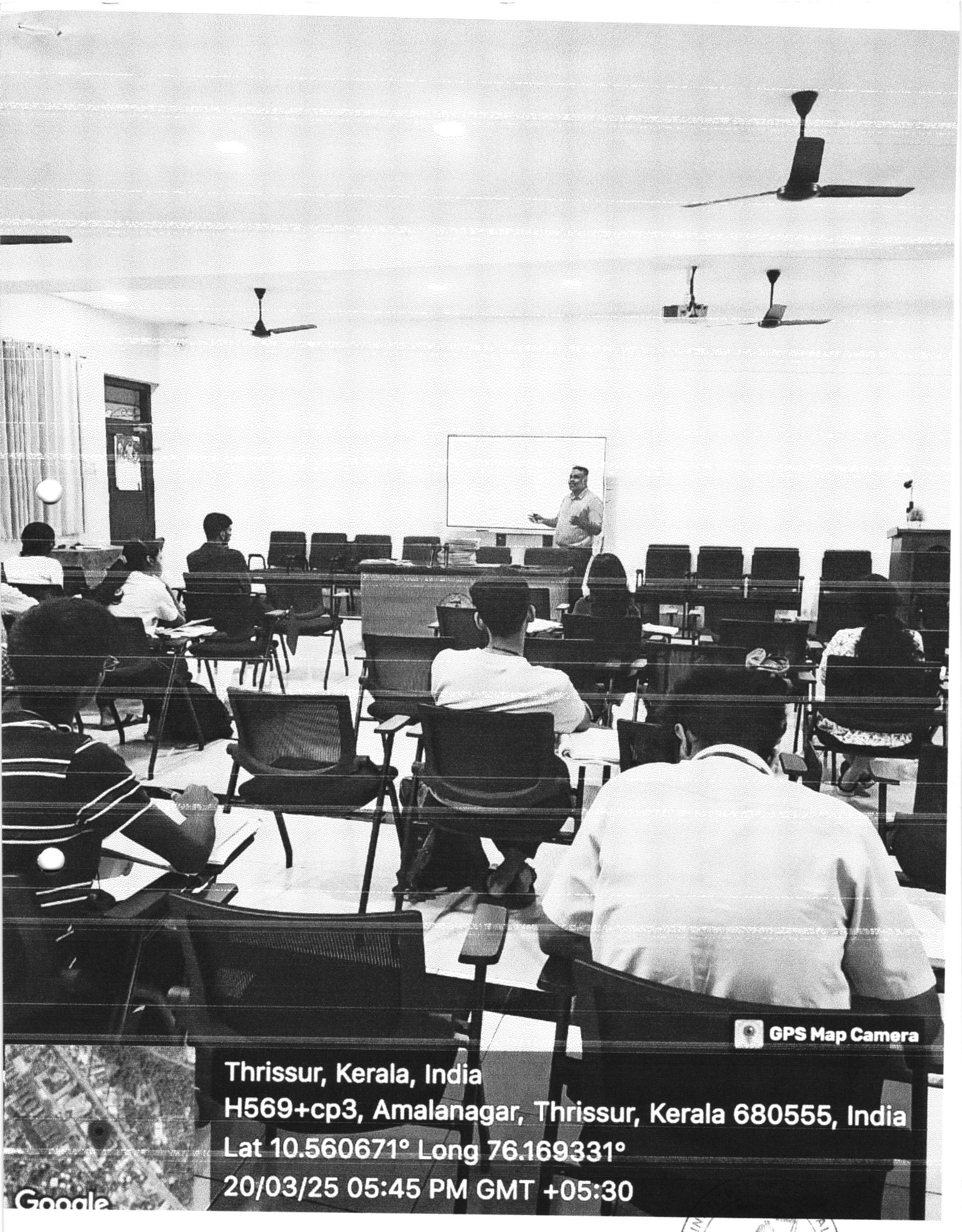
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