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| Title | Motivational Orientation and Performance in Science: A Study on University Students in Bangladesh | | |
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| Abstract |  |
| This study investigated the university students’ motivation and performance in integrated science. A sample of 1316 students from public and private universities in Bangladesh participated in the study. Of the sample, 619 were male students and 697 were female students and their average age was 21.4 years. The motivation instrument used was the science motivation questionnaire, which consisted of 30 items. Results show that this group of students displayed a high level of intrinsic motivation, personal relevance, self-determination, extrinsic motivation, and self-efficacy and a moderate level of test anxiety in learning science. The results also demonstrate significant differences in motivational orientations towards science concerning gender. Furthermore, correlation analyses show significant positive associations between students’ motivational orientations and science achievement. | |

**Please specify which Sustainable Development Goal (SDG) (s) falls under your research:**

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| Goal 1 | No Poverty | Goal 2 | Zero Hunger |
| Goal 3 | Good Health and Well-Being | **Goal 4** | **Quality Education** |
| Goal 5 | Gender Equality | Goal 6 | Clean Water and Sanitation |
| Goal 7 | Affordable and Clean Energy | Goal 8 | Decent Work and Economic Growth |
| Goal 9 | Industry, Innovation and Infrastructure | Goal 10 | Reduced Inequalities |
| Goal 11 | Sustainable Cities and Communities | Goal 12 | Responsible Consumption and Production |
| Goal 13 | Climate Action | Goal 14 | Life below Water |
| Goal 15 | Life on Land | Goal 16 | Peace, Justice and Strong Institutions |
| Goal 17 | Partnerships for the Goals |  |  |

