Table 1. Background characteristics of the study subjects (N=661).

|  |  |
| --- | --- |
| Background characteristics | Number (%) |
| Gender  |  |
| Male | 584 (88.4) |
| Female | 77 (11.6) |
| Parent’s Living Place  |  |
| Urban | 350 (53.0) |
| Rural | 311 (47.0) |
| Education Level of Father  |  |
| No formal education/Primary | 74 (11.2) |
| Secondary/Higher Secondary | 281 (42.5) |
| Bachelor or above | 306 (46.3) |
| Education Level of Mother  |  |
| No formal education/Primary | 156 (23.6) |
| Secondary/Higher Secondary | 396 (59.9) |
| Bachelor or above | 109 (16.5) |
| Monthly income of the family  |  |
| Up to 25,000 | 207 (31.3) |
| 25,001 – 50,000 | 339 (51.3) |
| >50000 | 115 (17.4) |
| Mean ±SD | 51,414 ± 79,261 |
| Previous academic performance based on CGPA*SSC.* |  |
| 4.00 to 5.00 (A, A+) | 573 (86.7) |
| 3.00 to 3.99 (B, A-) | 86 (13.0) |
| 2.00 to 2.99 (C) | 2 (0.3) |
| *HSC.* |  |
| 4.00 to 5.00 (A, A+) | 364 (55.1) |
| 3.00 to 3.99 (B, A-) | 278 (42.0) |
| 2.00 to 2.99 (C) | 19 (2.9) |
| Independence of choosing current study program  |  |
| Self | 515 (77.9) |
| Family & others | 146 (22.1) |

*\*SD: standard deviation*

Table 2. Academic performance in English according to CGPA of the study subjects.

|  |  |  |
| --- | --- | --- |
| Variable |  | Number (%) |
| English in SSC examination (n=661)4.00 TO 5.00 (A, A+)3.00 TO 3.99 (B, A-)2.00 TO 2.99 (C)1.00 TO 1.99 (D)English in HSC examination (n=661)4.00 TO 5.00 (A, A+)3.00 TO 3.99 (B, A-)2.00 TO 2.99 (C)1.00 TO 1.99 (D)Participated in DIU Basic English Course during First semester (n=381)3.00 TO 4.00 (B to A+)2.75 TO 2.99 (C+ to B-)2.49 and below (C, D, F) | 454 (68.7)181 (27.4)26 (3.9)0 (0)326 (49.3)278 (42.1)55 (8.3)2 (0.3)282 (74.0)72 (18.9)27 (7.1) |

Table 3. Distribution of associated factors with poor academic performance of the study subjects (N=661).

|  |  |
| --- | --- |
| Variables | Number (%) |
| Logistic at residence  |  |
| Chair/Table | 471 (71.3) |
| On the bed/on the floor | 190 (28.7) |
| Family cooperation  |  |
| Full | 532 (80.5) |
| Partial/ No cooperation | 129 (19.5) |
| Use library regularly  |  |
| Yes | 175 (26.5) |
| No | 486 (73.5) |
| *If no, reasons for (n=486)* |  |
| Shortage of time | 144 (29.6) |
| Shortage of books | 113 (23.3) |
| Insufficient space | 103 (21.2) |
| Unpleasant environment | 59 (12.1) |
| Unfair manner of the staff | 42 (8.6) |
| Lack of toilet facility | 25 (5.1) |
| Time spent on Social Media (hours/day) |  |
| ≤ 3 hours  | 236 (35.7) |
| >3 hours | 425 (64.3) |
| Average time spent in the Social Media (M± SD) | 4.8±1.6 |
| Gossiping/ Hang out with friends per day |  |
| < 2 hours | 42 (6.3) |
| ≥ 2 hours | 619 (93.7) |
| Regular attendance in class  |  |
| ≥75% | 103 (15.6) |
| <75% | 558 (84.4) |
| Time spent in study per day |  |
| <2 hours | 307 (46.4) |
| >2 hours | 354 (53.6) |
| Average time spent in study per day (M± SD) | 2.3± 1.02 |

*\*SD: standard deviation*

Table 4. Factors associated with poor academic performance among the study subjects (N=661).

|  |  |  |
| --- | --- | --- |
| Factors associated | Weakness in English is the reasons for poor result | p value |
| Yes | No |
| Daily study hour≤ 2 hours>2 hours | 161 (52.4)183 (51.7) | 146 (47.6)171 (48.3) | 0.848 |
| Percentage of Classes present≥75%< 75% | 40 (38.8)304 (54.5) | 63 (61.2)254 (45.5) | 0.003 |
| Regularity using of LibraryYesNo | 90 (51.4)254 (52.3) | 85 (48.6)232 (47.7) |  0.850 |
| Educational level of FatherNo Formal EducationPrimarySecondary/ Higher SecondaryBachelor or above | 15 (78.9)35 (63.6)154 (54.8)140 (45.8) | 4 (21.1)20 (36.4)127 (45.2)166 (54.2) | 0.003 |
| Extended of family contributionFullPartial/ No ContributionGossiping/Hang out with friend≤ 2 hours >2 hoursTime spent on Social Media≤ 3 hours >3 hours | 265 (49.8)79 (61.2)31 (73.8)313(50.6)74 (31.4)270 (63.5) | 267 (50.2)50 (38.8)11 (26.2)306 (49.4)162 (68.6)155 (36.5) | 0.0200.0300.006 |