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 Library  Yes  No | 90 (51.4)  254 (52.3) | 85 (48.6)  232 (47.7) | 0.850 |
| Educational level of Father  No Formal Education  Primary  Secondary/ Higher Secondary  Bachelor 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 contribution  Full  Partial/ No Contribution  Gossiping/Hang out with friend  ≤ 2 hours  >2 hours  Time 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) | 0.020  0.030  0.006 |