**Title: A survey based analysis of the current medical teaching methodology and trends in medical research practice in India.**

Table 1- Gender analysis of participants in study

|  |  |  |
| --- | --- | --- |
|  | Frequency | Percent |
| Male | 213 | 39.4 |
| Female | 327 | 60.6 |
| Total | 540 | 100.0 |

Table 2- Statistical distribution of paprticipants based on year of study in MBBS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SEMESTER | Male | | Female | |
| No. | No. % | No. | No. % |
| 5th term | 58 | 10.7% | 102 | 18.9% |
| 7th term | 65 | 12.0% | 98 | 18.1% |
| 9th term | 75 | 13.9% | 96 | 17.8% |
| Intern | 15 | 2.8% | 31 | 5.7% |
| Total | 213 | 39.4% | 327 | 60.6% |

Table 3 – Statistical Analysis for response to each question of the questionaire

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | YES | % |
| 1. | Which of the following suits you the most? |  |  |
|  | Classes are extremely important for the learning process | 171 | 31.7 |
|  | Classes are critical, but attendance should not be forced upon | 276 | 51.1 |
|  | Classes maybe relevant only on most frequently tested topics in the exam | 55 | 10.2 |
|  | I don’t need classes, I attend them only for attendance | 38 | 7 |
| 4. | How should the teaching be structured for students |  |  |
|  | CP 3 hrs , T 3 hrs, P 1 hr | 182 | 33.7 |
|  | CP 4 hrs , T 2 hrs, P 1 hr | 251 | 46.5 |
|  | CP 2 hrs , T 4 hrs, P 1 hr | 10 | 1.9 |
|  | CP 2 hrs , T 3 hrs, P 2 hr | 97 | 17.9 |
| 9. | When do you think basic procedures should be taught to students |  |  |
|  | Skills should be taught on cadavers in 6th term | 183 | 33.9 |
|  | Skills should be taught on cadavers in 8th term | 44 | 8.1 |
|  | Students should be able to perform procedures in a live patient under supervision in 8th term | 224 | 41.5 |
|  | Nothing should be done before internship | 89 | 16.5 |
| 11. | Which do you think is the most effective way to train a student in public speaking |  |  |
|  | Seminar topics allotted to students | 171 | 31.7 |
|  | Clinical presentation of a patient about his medical problems to the consultant doctor | 209 | 38.7 |
|  | Anchoring in college fests | 80 | 14.8 |
|  | Oral presentations or poster presentations in speciality conferences | 80 | 14.8 |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | YES | % |
| 17. | Which of the following do you think is apt for you |  |  |
|  | I would like to pursue post-graduation in India because of a patient load | 242 | 44.8 |
|  | I would like to pursue post-graduation in India because I want to be with my family | 101 | 18.7 |
|  | I would like to pursue post-graduation in the western countries because of advanced and better quality of patient care | 144 | 26.7 |
|  | There is no difference between India and western countries n terms of health care | 53 | 9.8 |
| 18. | Why do Indian doctors visit western countries for super specialty training/fellowships |  |  |
|  | It looks cool on the visiting card | 33 | 6.1 |
|  | They are technologically more advanced in health services | 260 | 48.1 |
|  | They have better clinical experience than Indian doctors | 31 | 5.8 |
|  | They practice evidence based medicine with authentic clinical research | 216 | 40 |
| 19. | Why do you think famous people like cricketers, film actors, politicians prefer to receive treatment from doctors/hospitals outside India |  |  |
|  | They have more money | 43 | 7.9 |
|  | They believe their standard of care and treatment is better as compared to Indian hospitals | 335 | 62 |
|  | They have better skilled doctors with updated knowledge | 122 | 22.7 |
|  | They are free from media interference | 40 | 7.4 |
| 20. | What do you think is the most effective way to ensure development and progress in the field of medicine |  |  |
|  | Better funding from the government towards health schemes for the patient | 73 | 13.4 |
|  | Better infrastructure with latest technologies made available in government hospitals | 182 | 33.8 |
|  | Evidence based medicine from results of research done in an Indian population instead of following western data | 156 | 28.9 |
|  | We are on par with the world with respect to health care | 129 | 23.9 |