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| Division of Frontier Engineering | Research field | Biomedical Instrumentation and Control Engineering | Lab. ID FE09 |
| Laboratory web site | https://biomed.w3.kanazawa-u.ac.jp/ | | |
| Research subjects | | | |
| Research objectives of our laboratory is to devise and develop new biomedical sensors, instrumentation, and control techniques using electronic and mechanical engineering technologies, and to analyse physiological functions, particularly on the adaptive and autonomous mechanisms of biological systems. The laboratory research emphases are non-invasive, ambulatory, home health monitoring, biomechatronics inclusive of human support system, and so on, contributing these results to the fields of basic and clinical medicine, rehabilitation engineering, and health care science. | | | |
| Master/Doctor course: Education policy, curriculum, typical activity in the laboratory | | | |
| Students select the primary staff or research group to work with, and collaborative research works are started. Doctor students are encouraged to go for outer activities, participating research workshops/meetings, international conferences. | | | |
| Daily life in the laboratory, etc. | | | |
| We, the students, mainly study hard for our research but we sometimes chat so the atmosphere of our laboratory is pretty friendly. At the time of the graduate school entrance examination, with the support of senior, you can wrestle study and reserch. There are presentation opportunities at international/domestic academic conferences once or twice a year, and students get feedback that can help improve their work and presentation ability. | | | |
| Message or comments by the laboratory faculty staffs | | | |
| Students, especially undergraduated students, should do your reasech as your life's work, proceeding along these lines: 1. Adopt a definite purpose and create a definite plan for its attainment. 2. Take the initiative and begin putting your plan to action. 3. Back your initiative with belief in yourself and in your ability to successfully complete your plan. -adapted from The Magic Ladder to Success, Napoleon Hill, 1930 | | | |
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