

IPEN Brazilian Institute of Energy and Nuclear Research offers the Doctor of Philosophy (Ph.D.) degree and the Master of Science degree in the Nuclear Technology Program, established in 1976. Since then, the Institute has been qualifying high level Brazilian and Latin America professionals, on nuclear academic and technological fields. In association with the University of São Paulo (USP), the largest institution of higher education and research in Brazil, and the third in size in Latin America, IPEN Postgraduate Program is offered in three areas:

- TNA Nuclear Technology: Applications
- TNM Nuclear Technology: Materials
- TNR Nuclear Technology: Reactors

The Brazilian Higher Education Coordinating Office (CAPES) has a three-annual evaluation process applied to all Brazilian postgraduate courses. Levels 6 and 7 are granted only to those programs having high level academic performance and internationally recognized expertise. The Postgraduate Program on Nuclear Technology maintained the grade 6 on the CAPES evaluation, comprehending the period from 2001 to 2003, supported by its outstanding performance (TAB.1)

TABLE 1 - Postgraduate Program Performance

	2002	2003	2004
Registered Students Doctor and Master Programs	316	347	382
Thesis Advisors Staff	147	153	169
Offered Disciplines	57	63	90
Presented Thesis and Dissertations	74	64	83
Selection Exams Applicants	275	420	378

IPEN has started, since 1999, the Professional Master Program on Lasers in Dentistry in partnership with the Dentistry Faculty of USP, in order to provide theoretical and practical knowledge about lasers and their applications for the dentistry community. Besides, to enable them to use the laser in their clinical treatments with the latest accepted laser technology is a purpose of the program. The CAPES evaluation granted grade 5, the highest for the professional master program category. (TAB.2) presents the performance of this program, for the considered period.

TABLE 2 - Professional Master Program

	2002	2003	2004
Presented Dissertations	13	23	12
Registered students	39	35	32
Offered Disciplines	8	8	8

Recognized internationally for its high level education program, IPEN is offering undergraduate disciplines addressed to the students from the University of São Paulo. Since 2000 a number of 25 disciplines are part of an optional curriculum and has been offered to undergraduate students, from different units of the University. The number of effectively given class and the number of registered students is presented in (TAB.3).

TABLE 3 - Undergraduate Program

	2002	2003	2004
Offered Disciplines	10	13	9
Registered students	101	150	122

IPEN has Scholarship Programs for graduate and undergraduate students. The total number of awarded scholarships during the considered period is presented in (TAB.4).

TABLE 4 - Scholarship Programs for Undergraduate and Postgraduate Students

	2002	2003	2004
Postgraduate scholarships (Ph.D. and MSc. Programs)	87	87	87
Undergraduate scholarships	69	63	90

IPEN has offered lato sensu graduate programs, since 2002, using its major nuclear science and technology facilities and expertise, to attend the needs of the Brazilian society. Education in nuclear sciences and related areas is in the mission of IPEN. Conscious of this task, the maintenance and transference of the accumulated knowledge in the nuclear area in the country, to the society, through educational programs, is one of the main concerns of the institution.