

**Doctor of Philosophy Program in Information Science and Technology (International Program)**  
**Doctor of Philosophy (Information Science and Technology)**  
**5 Year**

**1.2: Research Oriented Projects (5-year program) IST**

<b>Total Credits of the Program</b>	No less than	79	Credit
<b>Curriculum Structure</b>			
1) Core Courses	No less than	10	Credit (non credit)
1.1) Seminar		4	Credit (non credit)
<a href="#">IST 697 Seminar (SU)</a>			<a href="#">1(0-0-0)</a>
1.2) Professional Development		3	Credit (non credit)
<a href="#">IST 691 Professional Development (SU)</a>			<a href="#">3(3-0-6)</a>
1.3) Leadership in Science and Engineering		3	Credit (non credit)
<a href="#">IST 692 Leadership in Science and Engineering (SU)</a>			<a href="#">3(3-0-6)</a>
1.4) English for Academic Research		3	Credit
<a href="#">IST 698 English for Academic Research (GD)</a>			<a href="#">1(--)</a>
2) Thesis	No less than	76	Credit
<a href="#">IST 699 Thesis (SU)</a>			<a href="#">0(0-0-0)</a>