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| **UNIVERSITY OF PITESTI**  **FACULTY OF ELECTRONICS, COMMUNICATIONS AND COMPUTERS**  **Master: Electronic Engineering and Intelligent Systems**  ***Postgraduate studies - 2 years***  **PROGRAM OF STUDY**  *Beginning with academic year: 2015-2016*  **Year of study:I**  Semester:I (1),14 weeks | | | | | | | | | | | | |
| **No. crt.** | **Disciplines** | | **Hours/week1** | | | | **ECTS**  **#** | **Evaluation2** | Indiv.  studytotal hrs. | Type3 |  | |  |
| **Core Subjects** | **Code** | **C** | **S** | **L** | **P** |  | |  |
| 1 | Complements of Mathematics | 36.04.S.1.O.12.01 | 2 | 1 |  |  | 7 | E | 126 | A |  | |  |
| 2 | Paradigms of Artificial Intelligence | 36.04.S.1.O.12.02 | 2 |  | 2 |  | 8 | E | 136 | S |  | |  |
| 3 | Advanced Mechanisms in Processors | 36.04.S.1.O.12.03 | 3 |  | 1 |  | 8 | E | 136 | CA |  | |  |
| 4 | Project Management in Research and Innovation | 36.04.S.1.O.12.04 | 1 |  |  | 2 | 7 | C | 126 | S |  | |  |
| **TOTAL** | | | **8** | **1** | **3** | **2** | **30** |  | **524** |  |  | |  |
| **Total hours/week (frontal):14** | | | | | | | | | | |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  | |  |
| **Year of study: I**  Semester: II (2), 14 weeks | | | | | | | | | | |  | |  |
| **No. crt.** | **Disciplines** | | **Hours/week1** | | | | **ECTS**  **#** | **Evaluation2** | Indiv.  Study  total hrs. | Type3 |  | |  |
| **Core Subjects** | **Code** | **C** | **S** | **L** | **P** |  | |  |
| 5 | Software Technologies in Artificial Intelligence | 36.04.S.2.O.12.05 | 2 |  | 1 | 1 | 7 | E | 112 | A |  | |  |
| 6 | Electronic Circuits for Intelligent Systems | 36.04.S.2.O.12.06 | 2 |  | 1 | 1 | 8 | E | 136 | CA |  | |  |
| 7 | DSP Design for Bio-signals | 36.04.S.2.O.12.07 | 2 |  |  | 1 | 8 | E | 150 | A |  | |  |
| 8 | Intelligent Sensors | 36.04.S.2.O.12.08 | 2 |  | 1 |  | 7 | E | 126 | CA |  | |  |
| **TOTAL** | | | **8** | **0** | **3** | **3** | **30** |  | **524** |  |  | |  |
| **Total hours/week (frontal):14** | | | | | | | | | | |  | |  |
| **Year of study: II**  *Beginning with academic year: 2016-2017*  Semester: I (3), 14 weeks | | | | | | | | | | | | |  |
| **No. crt.** | **Disciplines** | | **Hours/week1** | | | | **ECTS**  **#** | **Evaluation2** | Indiv.  studytotal hrs. | Type3 |  | |  |
| **Core Subjects** | **Code** | **C** | **S** | **L** | **P** |  | |  |
| 9 | Real Time Application Design | 36.04.S.3.O.12.09 | 2 |  |  | 1 | 8 | E | 150 | CA |  | |  |
| 10 | Reconfigurable Systems and Evolutionary Hardware | 36.04.S.3.O.12.10 | 3 |  |  | 1 | 8 | E | 136 | A |  | |  |
| 11 | Intelligent Robotics | 36.04.S.3.O.12.11 | 3 |  | 1 |  | 8 | E | 136 | A |  | |  |
| 12 | Research Practice for Dissertation Preparing (I) | 36.04.S.3.O.12.12 |  |  |  | 3 | 6 | C | 102 | S |  | |  |
| **TOTAL** | | | **8** | **0** | **1** | **5** | **30** |  | **524** |  |  | |  |
| **Total hours/week (frontal):14** | | | | | | | | | | |  | |  |
| **Year of study: II**  Semester: II (4), 14 weeks | | | | | | | | | | | | |  |
| **No.crt.** | **Disciplines** |  | **Hours/week1** | | | | **ECTS**  **#** | **Evaluation2** | Indiv.  studytotal hrs. | Type3 |  | |  |
| **Core Subjects** | **Code** | **C** | **S** | **L** | **P** |  | |  |
| 13 | Research Practice for Dissertation Preparing (II) | 36.04.S.4.O.12.13 |  |  |  | 14 | 30 | C | 524 | S |  | |  |
|  | **TOTAL** | | **0** | **0** | **0** | **14** | **30** |  | **524** |  |  | |  |
| **Total hours/week (frontal):14** | | | | | | | | | | |  | |  |
| 1)C – Lecture; S – Seminar; L – Laboratory; P - Project  2) E – Exam; C - Coloquium  3)A - Thoroughgoing Study; CA - Advanced Study; S – Synthesis | | | | | | | | | | | | |  |
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