**RESEARCH PROPOSAL**

**for admission to XXXVIII Cycle of Politecnico di Bari**

**PhD Programme in**

**INDUSTRY 4.0**

*Inter-university course in collaboration with University of Bari “Aldo Moro”*

**(ATTACHMENT F)**

**ATTENTION:** Candidates who intend to propose a research project based on the topics set out in Ministerial Decrees 351/2022 and 352/2022 **must prepare a proposal in line with one or more of the topics listed below.**

**ONLY FOR CANDIDATES WHO INTEND TO PROPOSE A RESEARCH PROJECT BASED ON THE TOPICS SET OUT IN MINISTERIAL DECREES 351/2022 AND 352/2022 🡪** *The list below contains the details of each grant financed according to Ministerial Decrees 351/2022 and 352/2022, its area and its topic for the PhD Programme.*

**Grants funded according to M.D. 351/2022**:

**GRANT N. 1** - **Area:** NRRP; **Topic: “***Platforms for the optimization and control of drone-as-a-service in logistics”;*

**GRANT N. 2** - **Area:** NRRP; **Topic: “***SANI - Development of sustainable anti-microbial nanomaterials for innovation in the food industry*”;

**GRANT N. 3** - **Area:** Public Administration; **Topic: “***Development of AI-based advanced control strategies for urban mobility*”.

**Grants funded according to M.D. 352/2022**:

**GRANT N. 4** - **Co-funded by**: Manta Group s.r.l.; **Topic: “***Energy flexibility using storage systems for industrial buildings”;*

**GRANT N. 5** - **Co-funded by**: Hevolus s.r.l.; **Topic: “***Tools and methods to make the Metaverse accessible to Italian SMEs and others”.*

Inizio modulo

**PhD Programme**

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| **PhD Programme in INDUSTRY 4.0 (XXXVIII Cycle) – Politecnico di Bari** |

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| 1. **PHD RESEARCH PROPOSAL** (TITLE):

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| 1. **PhD Research Proposal Description:**

**Provide a description of the phd research proposal, its subject and its topic. Please, specify the goal(s) to be developed during the PhD programme and indicate the scientific basis of the proposal, its research objective, and methodologies to adopt.****ATTENTION:** Candidates who intend to propose a research project based on the topics set out in Ministerial Decrees 351/2022 and 352/2022 must prepare a proposal in line with one or more of the topics listed below.     | (MAX 9.000 characters): |
| **B. BIBLIOGRAPHY**  |  |
| **C. SURNAME and NAME** |  |