

1 CV Profile (max. 2 pages length)

2 *Name: Dr. Pragna Das*

3 Research interests

4 Robotics Researcher in Multi-robot system, multi-agent system, arm manipulators, specializing in cost parameter
5 estimation, deep learning, re-enforcement learning, collective Intelligence, human-robot collaboration, path
6 planning, collision avoidance, navigation for both arm manipulators and mobile robots and indoor logistics for
7 smart factories. Experience in Pytorch, Scikitlearn in the current work related to collision avoidance, path and task
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12 Education:

13 PhD: (30/01/2014- 16/05/2018)- PhD in Electronics and Communication Engineering from niversidad Autónoma
14 de Barcelona , Spain

15 Thesis Title: Adaptive multi-robot control through on-line parameter identification at system level

16 Advisor: Lluís Ribas-Xirgo

17 Master's Degree: (04/07/2008- 05/06/2010): M.E. in Electrical Engineering (Control System) from Indian Institute
18 of Science, Engineering and Technology, Shibpur, India (erstwhile Bengal Engineering and Science University)

19 Undergraduate Degree: (02/08/2004- dd/mm/yyyy): B.Tech in Applied Electronics and Instrumentation
20 Engineering from Maulana Abul Kalam Azad University (erstwhile West Bengal University of Technology)

21 Experience

22 1) 2019-Present: Robotics Research Engineer in RACE, UKAEA

23 Role: Research and implementation robotic solution in nuclear industry

24 2) 2014-2018: PhD in Electronics and Communication Engineering from niversidad Autónoma de Barcelona , Spain

25 Thesis Title: Adaptive multi-robot control through on-line parameter identification at system level

26 Advisor: Lluís Ribas-Xirgo

27 3) 2014-2017: Teaching Assistant, Universidad Autónoma de Barcelona

28 , Courses:Embedded Systems: laboratory classes focused on introducing the basic concepts of state machines,
29 using multi-robot system

30 3) 2010-2013: Software Engineer in IBM India Pvt. Ltd.

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40 Contact information

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