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European University Institute
Max Weber Programme
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17th June 2021

CURRENT POSITION

[Max Weber Fellow \(SPS\)](#)

European University Institute (EUI), Florence, Italy

EDUCATION

PRE DOCTORAL STUDIES

Aug 2000–Feb 2002 MS in Consciousness Studies, BITS-Pilani, India
July 1997–July 1999 MSc Physics, Osmania University, Hyderabad, India
July 1994–April 1997 BSc Mathematics, Physics, Chemistry, Osmania University, India

DOCTORAL STUDIES: Centre of Behavioral and Cognitive Sciences (CBCS)

THESIS TITLE: “Social Knowledge and Human cooperation”

COMPLETION DATE: Feb-2019

WORKSHOP ATTENDED/ORGANIZED

Currently completing a course on Judging Machines taught by [Cesar A. Hidalgo](#) (11th March 2021 to 11th May 2021).

Co-organizer of and presenter in a Max Weber Multidisciplinary Workshop on **Inequality and Discrimination** (EUI) (May 11-12th 2020).

Co-organizer of and presenter in a Max Weber Multidisciplinary Workshop on **Causes and Consequences of Inequality and Discrimination** (EUI) (May 13th 2021).

Member of [Technological change and-society](#) at EUI

Native language Telugu (fluent: reading, spoken, and writing)

Other languages, English (fluent: reading, spoken, and writing)

PROFESSIONAL EXPERIENCE

Aug 2019 – present.	Max Weber Fellow, European University Institute (EUI), Florence, Italy.
May 2019 - Aug 2019	Postdoctoral fellow, IIT Kanpur, India
July 2012 - May 2018	Doctoral student, CBCS, University of Allahabad, India
Aug 2011 - May 2012	Research Assistance, CBCS, University of Allahabad, India
Sept 2007 - June 2008	Doctoral student, Queen Mary, University of London, UK
Nov 2010 - June 2011	Research Assistance, CBCS, University of Allahabad, India
Jan 2004 - Sept 2007	Doctoral student, Utrecht University, the Netherlands
Aug 2002 - Dec 2003	Junior Research Fellow, NBRC, Manesar, India

PRIZES AND AWARDS

2020 (March-Dec) ESR internal grant for Max Weber Fellows

2019-2021 Max Weber Fellowship (SPS), EUI, Florence, Italy

2019(May-Aug) Institute postdoctoral fellow, IIT Kanpur, India

2018(June-July) Visiting postdoctoral fellow, IMSc, Chennai, India.
 2012-2016 Merit scholarship for doctoral studies, CBCS, University of Allahabad
 2015(April-June) Visiting PhD student fellowship, Institute of Mathematical Sciences (IMSc), India
 2014(June-July) Visiting PhD student, IIT Kanpur, Kanpur, India
 2007-2008 Graduate studies Scholarship, Queen Mary, University of London, UK.
 2004-2007 Research funding for study Pictorial Space, Utrecht University, The Netherlands.
 2002-2003 Junior research fellow, NBRC, Manesar, India
 2011(April-July) Visiting student fellowship, Department of Aerospace Engineering, IISc, Bangalore, India
 2011(July-Aug) Visiting student fellowship, Center for Ecological Sciences, IISc, Bangalore, India
 2011(Aug-Sept) Visiting student fellowship, National Center for Biological Sciences, IISc Bangalore, India
 2000-2002 Merit Scholarship for MS studies, BITS-Pilani, India

PUBLICATIONS

1. Batu, B. (2021). Evolution of altruistic punishments among the heterogeneous conditional cooperators. [Scientific Reports](#), 11(1), 1-12.
2. Battu, B., & Srinivasan, N. (2020). Evolution of conditional cooperation in public good games. [Royal Society Open Science](#), 7(5), 191567.
3. Battu, B. (2019). 'Indirect reciprocity with heterogeneous discriminators/MWP/WP/RNS/2020/06'
4. Battu, B., Pammi, V. C., & Srinivasan, N. (2018). Evolution of Cooperation with Heterogeneous Conditional Cooperators. [Scientific reports](#), 8(1), 4524.
5. Birajdar, G. S., Battu, B., Jaiswal, K., & Pammi, V. C. (2016). Modelling Social Dilemmas: A Regret-driven Neural Network Model. [Studies in Microeconomics](#), 4(2), 115-126.
6. Battu, B., Kappers, A. M., & Koenderink, J. J. (2007). Ambiguity in pictorial depth. [Perception](#), 36(9), 1290-1304.

Work in progress (experimental research, collaboration projects)

7. The Deserving Rich? Income, meritocracy beliefs, and redistribution preferences
8. Gender wage gap and distributional preferences

Work in progress (evolutionary game theory)

9. Evolution of social norms in heterogeneous population
10. Evolution of mask wearing behavior and social norms

RESEARCH SUPERVISION

Co-supervised (with late V.S. Chandrasekhar Pammi) masters' thesis during my PhD.
 Students: Ganesh S. Birajdar and Krishnavtar Jaiswal (2015-2016)

TEACHING EXPERIENCE

July 2017 – March 2018 Mathematical methods for Cognitive Science, CBCS, Allahabad
 July 2016 – March 2017 Mathematical methods for Cognitive Science, CBCS, Allahabad
 July 2015 – March 2016 Mathematical methods for Cognitive Science, CBCS, Allahabad
 Aug 2014 – March 2015 Behavioral economics (TA) & Mathematical methods for Cognitive Science, CBCS, Allahabad
 July 2013 – March 2014 Mathematical methods for Cognitive Science
 Aug 2007 – March 2008 Microeconomics & Mathematics (Under grad TA), Queen Mary, University of London, UK

CONFERENCE PRESENTATION

1. Balaraju Battu. (2021). Evolution of social norms in heterogeneous population, 18-23rd July at the 32nd International Congress of Psychology, Prague Czech Republic (to be held 2021).
2. Balaraju Battu. (2020). 'Indirect reciprocity with heterogeneous discriminators' 17-20th July at the 6th International Conference on Computational Social Science, MIT USA.

ACADEMIC SERVICE

Ad hoc reviewer for [Scientific Reports](#) & [PLOS ONE](#)

SKILLS

Evolutionary agent-based modelling

Survey research & Experimental economics

Soft wares: MATLAB and Qualtrics

REFERENCES

Arnout van de Rijt

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European University Institute (EUI)

BF-179, Badia Fiesolana

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Professor and Head

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