

# MANOJ SHAKYA

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**PhD Candidate** (2109 - )  
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## EDUCATION

ME (Computer Science and Technology), Hunan University, China, 2006.

Thesis Title: "Java Framework for Grid Computing". CGPA = 3.73/4

BE (Computer Science and Engineering), Kathmandu University, Nepal, 2001.

Capstone Project: Auction based C2C and RFP based B2B, CGPA = 3.55/4

## RESEARCH INTERESTS

**Machine Learning, Reinforcement Learning in Industry 4.0**, Big Data and Cloud Computing, Applications of Artificial Intelligence in Education

## PEER-REVIEWED PUBLICATIONS

1. Bu-Sung Lee, Romphet Phattharaphon, Seanglidet Yean, Jigang Liu and **Manoj Shakya** (2020). Euclidean Distance based Loss Function for Eye-Gaze Estimation *IEEE Sensors Applications Symposium (SAS)*, October 2020, doi: <https://doi.org/10.1109/SAS48726.2020.9220051>.
2. Sangam Uprety and **Manoj Shakya** (2017). Role of Context Clue Sentences as Dictionary Examples. *The Journal of University Grants Commission* 6(1), 132–140.

## GRANTS RECEIVED - SELECTED

1. Research Grant by Nepal Academy of Science and Technology (NAST), Nepal. 2017–2018, \$2,000.
2. Research Grant by International Development Research Center (IDRC), Canada FIT-ED, The Philippines. 2016–2017, \$30,000.
3. Workshop Grants from University Grants Commission, Nepal to organize 3-Day Workshop on Understanding Plagiarism. 2017, \$1,000.

4. Training Grants from University Grants Commission, Nepal to organize 3-Day training on Research Methodology. 2015, \$1,000
5. Grant to establish Research Management Cell at School of Engineering Kathmandu University. Received from University Grants Commission, Nepal. 2012, \$10,000.

## HONORS AND AWARDS

- Shanghai Open University International Staff Exchange Fellowship Program (International Visiting Scholar Program), 10-21 June 2019.
- Erasmus Mundus Scholarship (2 months), INTACT Project, Greece, 2014
- Full Scholarship to participate in e-Learning Technology (45 days), Sri Lanka, 2009.
- Third Position in Open Source Software Competition, 2009.
- Chinese Government Scholarship for Master Program, 2003.

## CONFERENCE PAPERS/PRESENTATIONS - SELECTED

- 2020 *Reinforcement Learning in Industry 4.0 Supply Chain*. The International Science and Technology Conference 2020. MoNeTec-2020. October 27–29. Moscow, Russia
- 2019 *Learning Computer Programming through Nepals First MOOC: Learners' Experiences*. eLearning Forum Asia 2019. eLFA - 2019. May 29–31. Chulalongkorn University, Bangkok, Thailand
- 2018 *Keynote- Cloud Computing in Nepal: Trends, Situations, and Perspectives*. The International Science and Technology Conference (Modern Network Technologies, MoNeTec - 2018). October 25–26. Skoltech, Moscow, Russia
- 2018 *Learning Chinese Language-Perception, Motivation and Strategy*. International Forum on China-Nepal Cooperation, October 10–14, Hebei University of Economics and Business, Shijiazhuang, China
- 2018 *Keynote- Cloud Computing in Nepal: Status*. The 2nd World Intelligence Congress (WIC 2018). May 16–18. Tianjin, China.
- 2018 *Teachers Perceptions on E-learning for teaching in Science and Engineering*. The 1st International Symposium on Humanities and Social Sciences, April 28–29, Buriram Rajabhat University, Buriram, Thailand.
- 2017 *Reflections on First MOOC of Nepal: From Learner's Perspectives*. International Conference on Open and Innovative Education, July 12–14, The Open University of Hong Kong, Hong Kong.

## PROFESSIONAL MEMBERSHIPS

- Nepal Research and Education Network (2018–Present : Executive Member)
- Nepal Research and Education Network (2017–2018 : General Member)
- IEEE Computer Society (2017–Present)
- Information Technology Professional Forum (2010–Present)

## WORKSHOP/TRAINING - SELECTED

Research on *Implementing MOOC on Faecal Sludge Management*, 2018.

Role: MOOC Expert

Implemented by: Kathmandu University, Dhulikhel, Nepal

Supported by: Bills and Melinda Gates Foundation, USA

Workshop on Research Proposal Writing, 18–20 June, 2018.

Role: Resource persons

Invited by: Purbanchal University, Biratnagar, Nepal.

Training on Understanding Plagiarism, 1–3 June, 2018.

Role: Resource persons

Invited by: Western Regional College (Institute of Engineering), Pokhara, Nepal.

Training on Research Methodology, 25–27 May, 2018 Role: Resource person Invited by: Kantipur City College, Kathmandu, Nepal

Workshop on Research Writing, 2–4 July, 2017.

Role: Resource Person

Invited by: Pokhara University, Pokhara, Nepal.

Training on Research Methodology, 28–30 June, 2017.

Role: Resource person

Invited by: Western Regional College (Institute of Engineering), Pokhara, Nepal.

Workshop on Understanding Plagiarism, 21–23 June, 2017.

Role: Organizer and Resource person

Supported by: University Grants Commission, Nepal.

## PROFESSIONAL SERVICES,- PROGRAM COMMITTEE/REVIEW MEMBER

- The International Science and Technology Conference, MoNeTec 2020, October 20-22, 2020, Moscow, Russia.
- The International Science and Technology Conference, MoNeTec 2018, October 25-26, 2018, Moscow, Russia.
- International Conference on Software, Knowledge, Information Management and Applications, 2015–2018

<http://skimanetwork.info/>

- International Journal of E-Learning & Distance Education, 2017 <http://www.ijede.ca>

- Informing Science and IT Education Conference, Vietnam, 2016

<http://insite.nu>

- The International Review of Research in Open and Distributed Learning, 2016

<http://www.irrodl.org>

- Journal of Information Technology Education: Research, 2016

<https://www.informingscience.org/Journals/JITEResearch/Overview>

## MISCELLANEOUS

*Languages:* Nepali (Mother-tongue), English (Good), Chinese (Basic)

*Programming Languages:* C, C++, Java, Python Programming, R Programming,  $\LaTeX$ .