

# CURRICULUM – VITAE

## TUSHAR GOEL

Research Associate, Tata Institute of Social Sciences, Mumbai  
Permanent Address: -79/2 Park Road, Near Shivalaya Mandir, Dehradun  
Email: tushar.goel14@apu.edu.in, tushargoel1315@gmail.com  
Contact No. - +91-7022147694

### **Profile Summary**

I have been working in the education space for more than three years mostly in rural areas of Chhattisgarh to strengthen the system of formal education. Research experience of around 2 years and understanding of schools system. Currently engaged in methods and processes of analyzing a large data set with different machine learning techniques using R language

### **Professional Synopsis**

- Research Associate at Connected Learning Initiative (CLIX), Centre for Education, Innovation and Action Research, Tata Institute of Social Sciences, Mumbai, a collaborative project of Massachusetts Institute of Technology (MIT), TISS Mumbai and Tata Trusts from December 2017.
  - a) Sampling, preparing data collection tools, data analysis, and report writing for different research studies done for the project.
  - b) Internal Monitoring system by involving use of digital tools and online technology platforms.
  - c) Working on embedding state level platform with NROER platform by supporting SCERT officials for OER curation and creating a repository.
  - d) Liaising with the State Education Department for the implementation, scalability and sustainability of the intervention.
  - e) Advocacy of certification based teacher professional development model through Blended MOOCs at State level in SCERT Chhattisgarh
  - f) Training and workshops for teachers and students on OERs and ICT integrated learning.
  - g) Working closely with the field team on implementation, research and documentation
- Social Service In-charge at Christel House India – Naya Raipur, Chhattisgarh from May 2016 to December 2017.
  - a) Liaising with the District School Education Department - Primary and Upper Primary- DEO/BEO
  - b) Identifying the villages/slums in near vicinity of the school and conducting poverty check-up in order to admit their students in the school.
  - c) Liaising with the Health department at District and Block level to implement the Christel House Naya Raipur Health program.
  - d) Monitor the maintenance of all the documents of students and parents at school.

### **Academic Credentials**

2014-2016	M.A in Development from Azim Premji University, Bangalore
2010-2014	B.Tech. (Agricultural Engineering) from College of Technology, Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Uttarakhand
2010	Intermediate from Raja Ram Mohan Roy Academy, Dehradun, I.C.S.E Board
2008	High school from Raja Ram Mohan Roy Academy, Dehradun, I.C.S.E Board

### **Publications**

- ❖ Goel, T. (2019). Public Schools and ‘Secular’ Prayers. *Teacher Plus*, February Issue. Retrieved from <http://www.teacherplus.org/public-schools-and-secular-prayers/>
- ❖ Kaur, K. & Goel T. (2017). Interlinkages between Globalization and Indian Education System, Global Trade in Services – A WTO Perspective, Atlantic Publishers, New Delhi. pp. 195-209.
- ❖ Goel, T., Dandriyal, P. & Kumar, P. (2015). Stimulating Youth for Rural Transformation, *Changing Roles of Youth in Shaping India’s Future*, Vivekanand Swadhyay Mandal.

### **Conferences**

- ❖ Presented a poster on Virtual Space of Learning: Community of Practice in International Symposium on Connected Learning at Scale held at Tata Institute of Social Sciences, Mumbai from 8<sup>th</sup> August – 9<sup>th</sup> August 2018.
- ❖ Presented a paper on Analysis of Students’ Geometric Reasoning Learning: A Blended Pedagogy in Mathematics in the 33<sup>rd</sup> Annual Conference of Ramanujan Mathematical Society held at Department of Mathematics, University of Delhi from 1<sup>st</sup> June – 03<sup>rd</sup> June, 2018.
- ❖ Presented a paper on Analysis of degradation of quality in higher education through economics of

education in the National Seminar on Higher education in India: Present Status, Prospects, and Challenges held at Osmania University, Hyderabad from 18<sup>th</sup> April – 19<sup>th</sup> April, 2018.

- ❖ Presented a paper on Tracing out Development of Education System for Kamar: A case-study of Selbhara Village in the International Conference on Comparative Educational Destinies: Visions, Dilemmas and Challenges organized by Comparative Education Society of India held at Sri Venkateswara University, Tirupati from 19<sup>th</sup> November – 21<sup>st</sup> November, 2016.
- ❖ Presented a paper on Interlinkages between Globalization and Indian Education System in the National Seminar on WTO: A Global Perspective organized by Shaheed Bhagat Singh Evening College, University of Delhi held at India International Centre, New Delhi in March 2016.
- ❖ An Opinion Paper on “Stimulating Youth for Rural Transformation” was presented in National Youth Conference on “Changing Roles of Youth in Shaping India’s future: Challenges and Opportunities” held at GBPUAT, Pantnagar in January 2015.

#### **Skills**

- ❖ Statistical: R Statistical Programming and Stata(basic)
- ❖ Visualization: Tableau
- ❖ RS & GIS: ARC GIS, Q-GIS and GRASS
- ❖ Languages: Java
- ❖ Conversational languages: English, Hindi
- ❖ Designing: CATIA, Adobe PageMaker, Corel draw (basic) and Microsoft office
- ❖ Educational Tools: Geogebra, Scratch

#### **Workshop/Courses Attended**

- ❖ Attended a workshop on Biodiversity Awareness using Open Source Geospatial Tools organized by OSGEO-India, Energy and Wetlands Research Group at Indian Institute of Science, Bangalore.
- ❖ Completed a MOOC course on ICT in Primary Education: Transforming Children’s learning across the curriculum from University of London through Coursera.
- ❖ Completed a MOOC course on Education in India - Ideas, Policies, Alternatives from Centre of Civil Society.
- ❖ Have done Foundation course of CATIA V5 from CADD Centre Dehradun in June 2012.

#### **Projects**

- ❖ Completed a study on Affordable housing project of Bangalore Development Authority at Doddabanhalli village near Whitefield, Bangalore and specifically studied the tender process of allocating the project by Bangalore Development Authority from January- April, 2015.
- ❖ Completed a project on “Runoff estimation using NRCS-curve number method employing GIS and RS in Dabka watershed of Uttarakhand” in August 2013- June, 2014.
- ❖ Completed a project on “Appropriate Utilization of Household Waste Water in hilly areas of Almora” funded by Technology Enhancement Quality Improvement Programme (TEQIP-II) through College of Technology, Pantnagar in August 2013- June, 2014.
- ❖ Attended Entrepreneurship Development Programme conducted by National Institute for Entrepreneurship and Small Business Development.

#### **References**

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| 1. Dr. Anant Kamath<br>Assistant Professor<br>School of Development<br>Azim Premji University<br>Email Id: - anant.kamath@apu.edu.in | 2. Dr. Suraj Jacob<br>Chief Executive Officer<br>Vidya Bhawan Society<br>Email ID: - suraj.jacob@gmail.com |
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#### **DECLARATION**

I do here by declare that all the above information provided is absolutely true to the best of my knowledge and belief.

Thanking you,

Date: 28-10-2019  
Place: Raipur

Tushar Goel