

ALABHYA SINGH, Distinguished IIT Alumnus 1986

Consultancy, Lecture Demos, Counseling & Camps
*Unique **MULTI DOMAIN EXPERT** Inspiring Excellence*

E-mail: seva@sanskrit.org.in

Education	M.Sc. Physics Int. 5 Year	BARC: Tr School Entrance 1992 (AIR-1)
	IIT Kharagpur 1986-91	IISc Bangalore: Ph.D. Ent 1992 (AIR-1)
	Top Ranker: CGPA 8.94/10	GATE 1991 (99.32%ile) (AIR-8)
		UGC 1990 NET and CSIR 1991 NET
		IIT-JEE 1986 (AIR 1601)

Innovations

Inspiring Educationist

Since 1989

- **2-3 lines Solutions** to Problems in General Physics by I.E. Irodov (1995)
 - Unifying use of **Vergence in Optics** (1995)
 - Use of **Vector methods in Pulleys** (1998)
 - **Probability** using **Flow Trees for Defining and Modeling** (2010-11)
 - IIT-JEE Syllabi in **Functional Groups form** (1996)
 - **Covers Many Topics at Once** using Isomorphism and Interdependence
 - **Resonance Memory Techniques** for Complete Gita memorization (1990)
 - **Origami** models in **Science Education** (2005-10)
 - Officially taught **Quantum Mech.** to own class at **IIT Kharagpur** (1990)
 - Youngest participant in **Int. Conf.** on Foundations of QM, N. Delhi (1989)
 - English **Vocabulary building** for students at **IIT Kharagpur** (1989)
 - **Functional Taxonomy Map of Computer Languages** (2012)
 - **Systematic S-exp and Balancing in Lisp** Computer Languages (2012)
 - **Sanskrit Computer Science: Complete FOSS ecosystem** (2015)
 - **6 Fold Path** to Achieve Excellence & Welfare **SVCTEW** (2017)
 - **Sanskrit** Appropriate Natural Solutions, Knowledge, Research, Innovations and Technologies: **sanskrit.org.in** (2022)
 - **Responsible Finance** - Powerful Options (2023)
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Contribution

- **DSTUNS, IIT Madras: Consultant**
- **NVS, Noida: Physics, Math & Administration Training Resource Person**
- **Various organizations** all over India: **Visiting Expert**