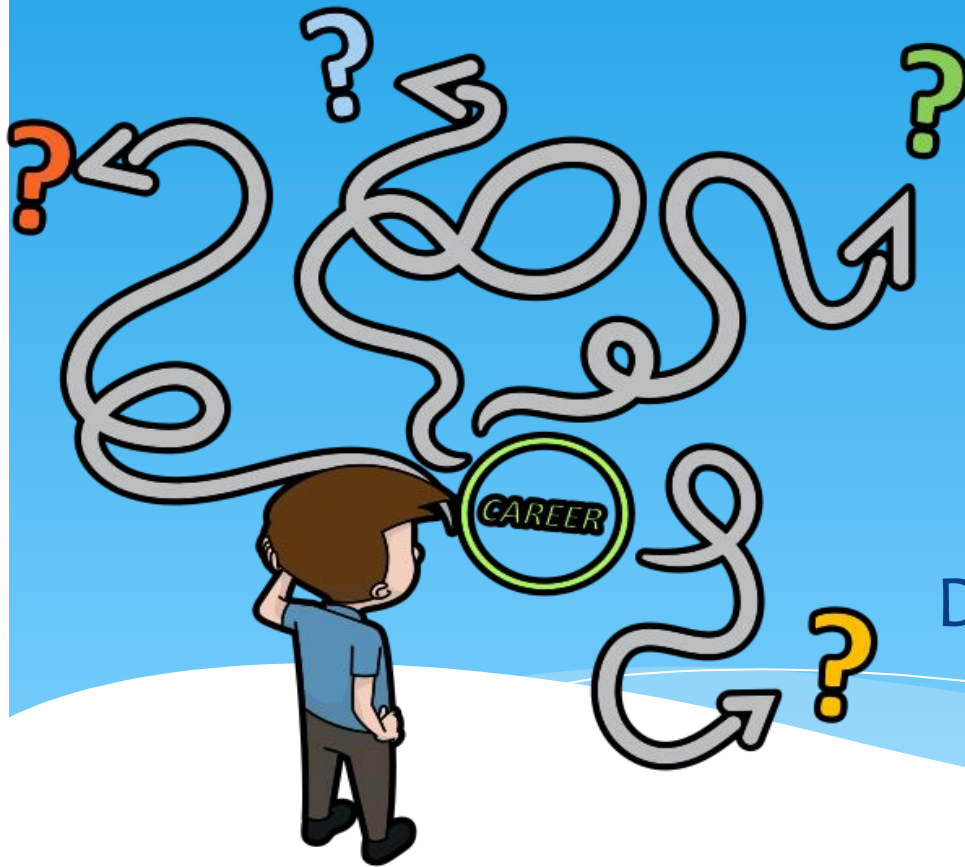


Researcher to educator: A quest for life-long learning



Dr. Swagata Chakraborty

For Crafting your Career Workshop

@IIT Mumbai, 28-04-19

Urban Dictionary's definition : “an affliction whose symptoms are loss of life & liberty, general purpose misery, and resentment towards those who are unaffected” and “an euphemism for ‘professional labor camp.’”

The challenge of life, I have found, is to build a resume that doesn't simply tell a story about what you want to be, but it's a story about who you want to be.

Oprah Winfrey

My career track so far.....

Freelance Academic Editor
In-house Editor
Assistant Managing editor

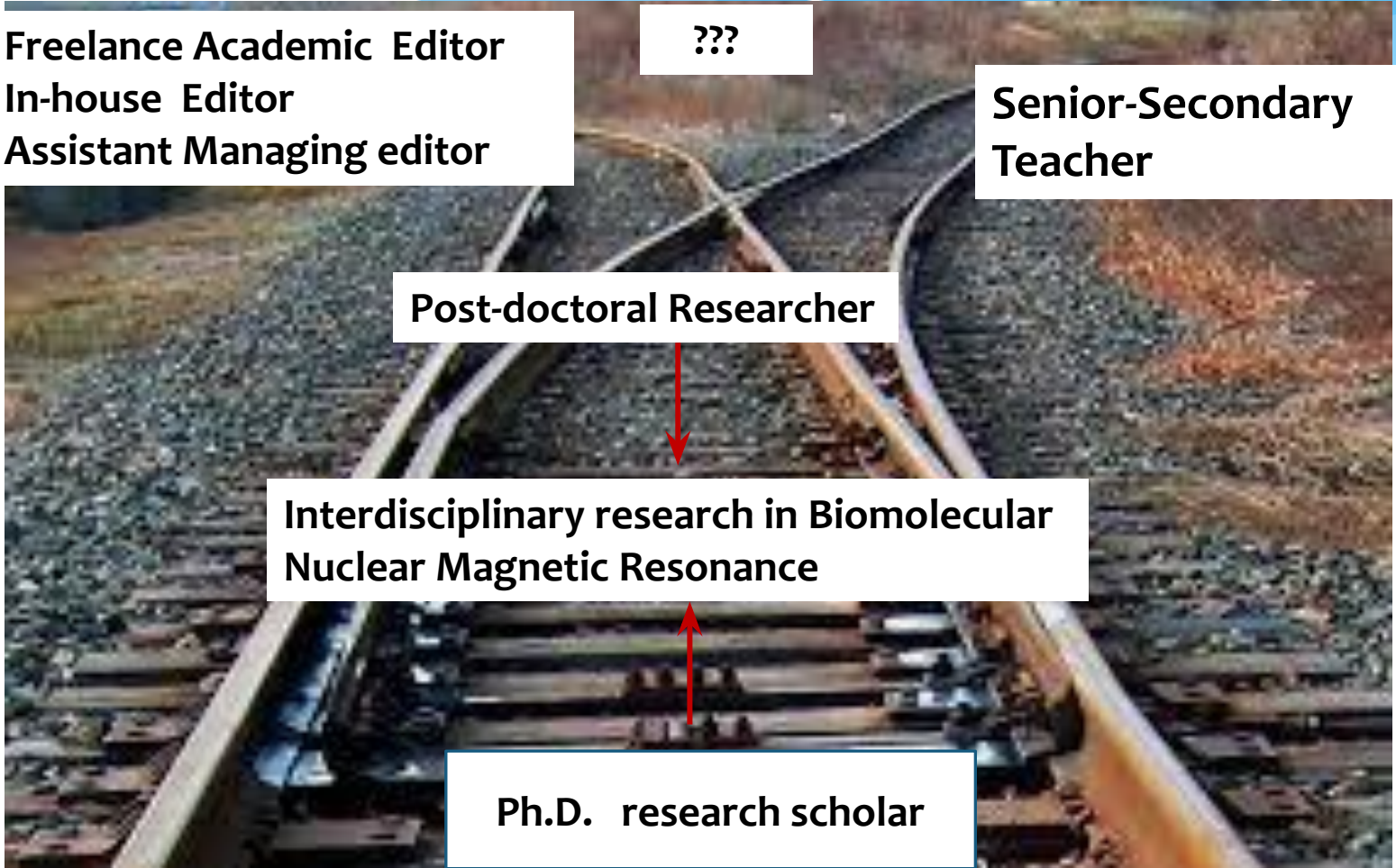
???

Senior-Secondary
Teacher

Post-doctoral Researcher

Interdisciplinary research in Biomolecular
Nuclear Magnetic Resonance

Ph.D. research scholar



CACTUS COMMUNICATIONS PVT LTD

- ❖ Provides publication support and academic editing solutions to help researchers navigate the complex world of scholarly publishing.
- ❖ High-impact medical communication solutions for pharma, device, and biotech, globally.

<https://www.cactusglobal.com/services>

Job Responsibilities

- **Editing and reviewing research manuscripts intended for publication, research grant proposals, and other scientific documents of high strategic value**
- **Overseeing a multicultural team comprising in-house editors and highly skilled freelance editors based across the world**
- **Supervising timely turn around of jobs, managing team performance, ensuring target compliance**
- **Mentoring team members and managing knowledge resources**
- **Analyzing root causes for service failure and implementing strategies to improve service quality**

Skills acquired/honed

- * Technical writing
- * Attention to detail
- * Communication
- * Time management
- * Leadership
- * Problem-solving
- * Adaptability
- * Multi-tasking
- * Interpersonal

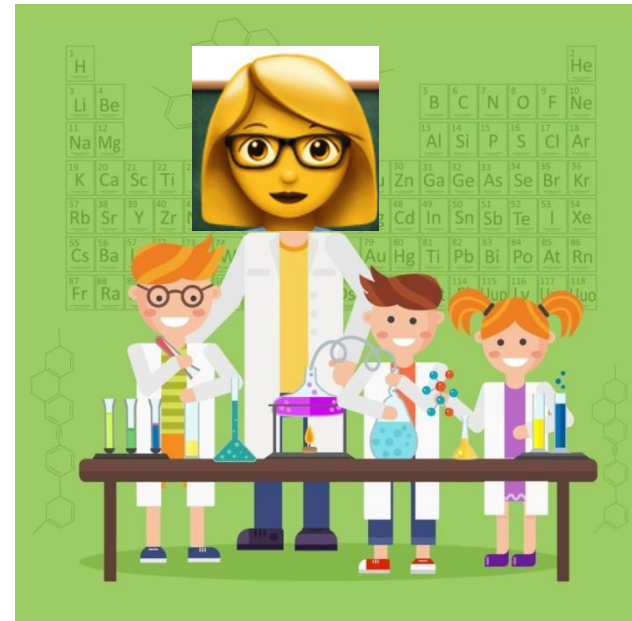
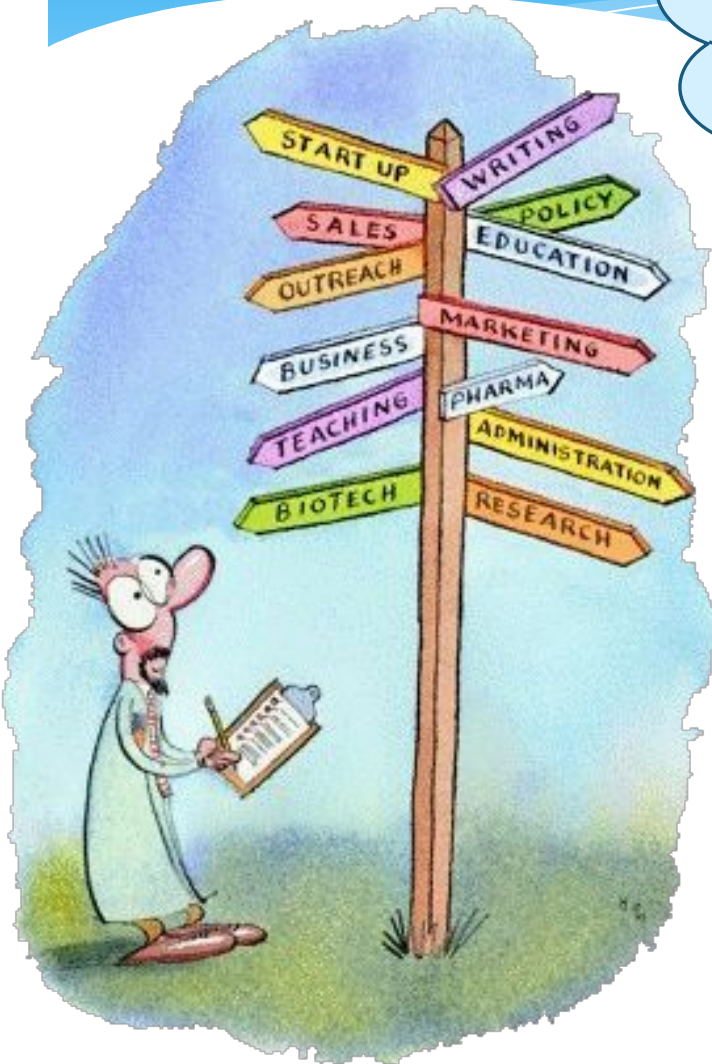
Organizations:

- * **Cactus Communications Pvt Ltd, Mumbai**
- * **Novartis, Hyderabad**
- * **Crimson Interactive Pvt Ltd, Mumbai**
- * **Indegene, Bengaluru**
- * **Tata Consultancy Services (Life Sciences & Healthcare)**
- * **Rehoboth Academic Services, Bengaluru**
- * **CBCC Global Research, Gujarat**



Pause and reflect

Creativity
Research
Reading about concepts and advancements
in science
Continued learning and self-development
Social interactions



Why IBDP curriculum?

The curriculum

- ❖ is application-based and research driven
- ❖ is based on inquiry
- ❖ focuses on conceptual understanding
- ❖ provides scope for creativity in classroom

Steps toward my goal

Understanding the effective approach for application



Prepared a well-crafted resume



Proactively made contacts with IBDP teachers and shared my resume



Interview call from Bombay International School



Interview and demo lesson delivery



Job offer

Job Responsibilities

- Teaching DP Chemistry curriculum to Grade 11 and 12 students through enquiry-based and multimodal instruction
- Supervising independent research projects in Chemistry
: Extended Essay and Internal Assessments
- Conducting skill building sessions and practical investigations for developing scientific research skills in students
- Mentoring students in the capacity of a homeroom advisor and overseeing their holistic progress and well-being
- Supervising student involvement in CAS (Creativity, Activity, Service)

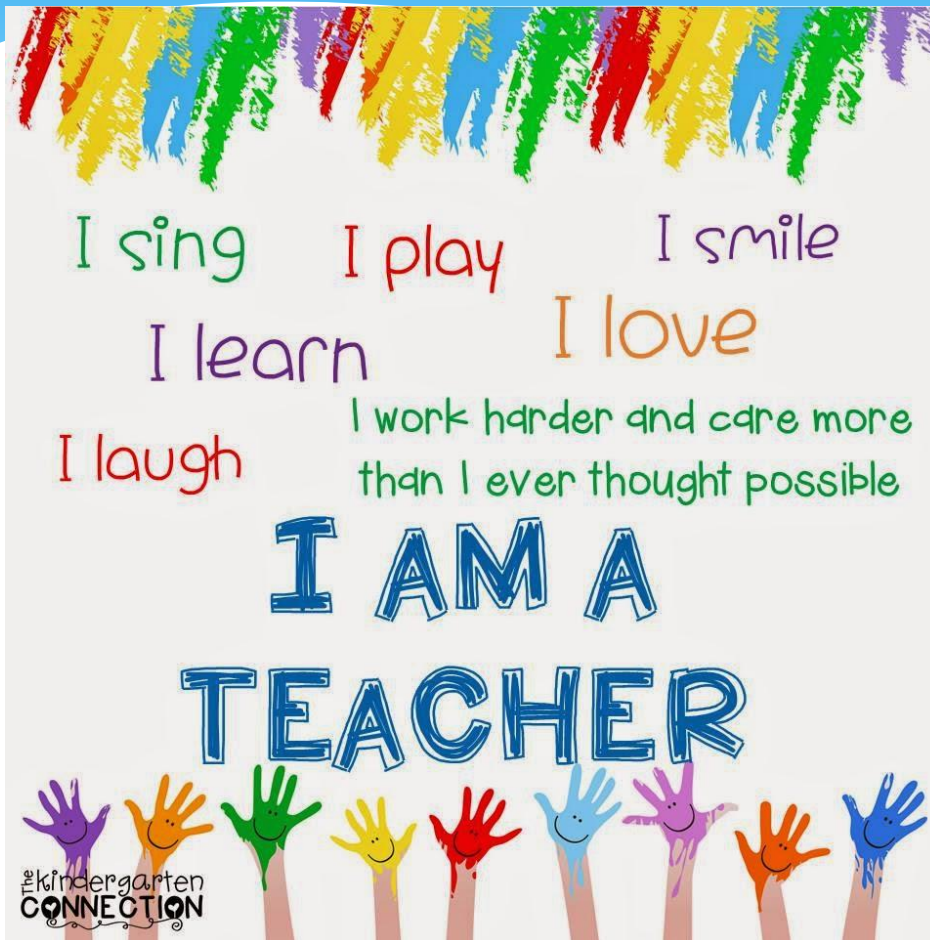
Being a teacher is NOT an easy job



Challenges

- * **Understanding the diverse learning needs of individual students in a class**
- * **Finding suitable sources to design innovative and enquiry-based lesson plans**
- * **Deconstructing criteria for assessment**
- * **Understanding the emotional needs of the students**

Rewards of the profession



**“A teacher affects eternity;
he can never tell where his
influence stops.”**

Henry Brooks Adams

Essential transferrable skills acquired during doctoral-level scientific training

- * **Research and analytical skills**
- * **Critical thinking skills**
- * **Technology skills**
- * **Written Communication skills**
- * **Project Management**
- * **Collaboration**
- * **Public speaking**
- * **Resilience and perseverance**

Desirable Qualities/Skills of an Educator in International Curricula

- **Content expertise**
- **Research skills**
- **Critical Thinking**
- **Passion and Creativity**
- **Technology skills**
- **Open-mindedness**
- **Communication**
- **Organization**
- **Collaboration**
- **Leadership**
- **Risk-taking**
- **Empathy**

Job Market in India

Cambridge International Examination (CIE)

Edexcel Examination Board

International Baccalaureate (IB)

Currently there are **469** international schools located throughout the country, attended by **268,500** students.

The international schools market in India is on the cusp of significant expansion, creating a need for better teachers.

In the last five years, the number of international schools in India has grown by over **45%**, while student enrolment has increased by over **70%**.

(IS_magazine_-_India_all_set_for_international_education_expansion_-_2018.pdf)

IB Schools in India

151 IB World schools in India currently offer one or more of four IB programmes



offered by 80 schools



offered by 32 schools

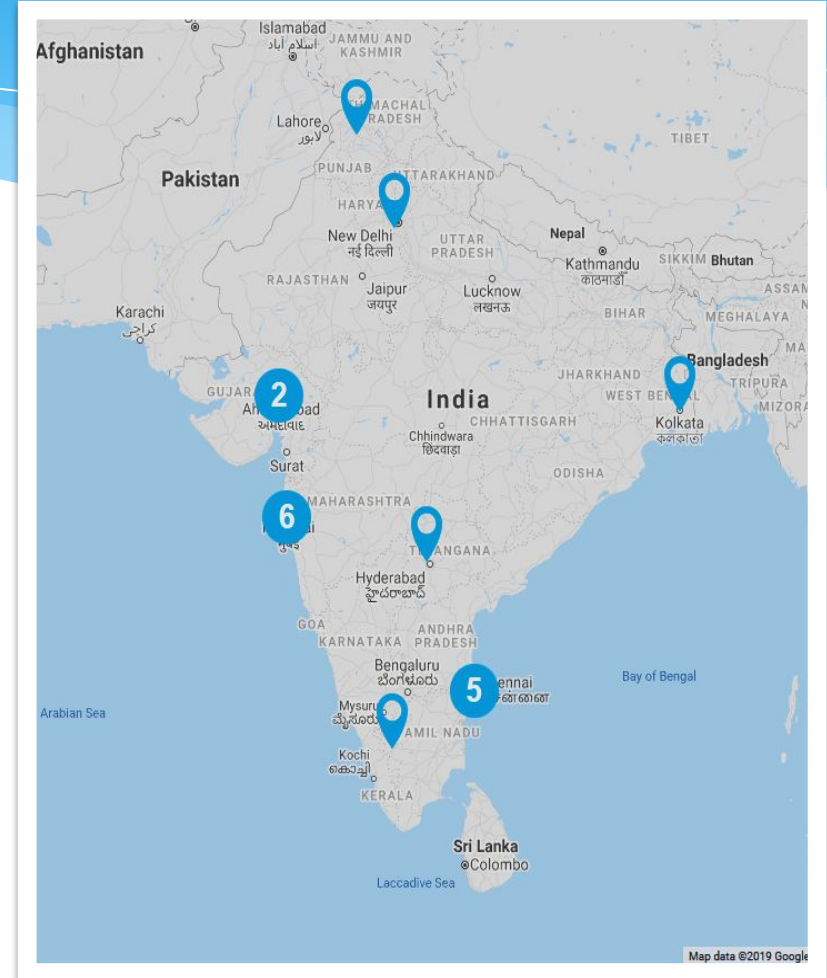


offered by 125 schools



offered by 1 school

www.ibo.org/jobs-and-careers/



Geographical distribution of schools offering IBDP curriculum in India

“Find out what you like doing best, and get someone to pay you for it.” —Katharine Whitehorn

- ✓ Build a concise, well-crafted resume**
- ✓ Get involved in education initiatives such as science fairs, Olympiads or Teach for India**
- ✓ Make connections with professionals in the field**
- ✓ Stay updated on job opportunities in the field (Recruitment period for IB schools: November – February)**
- ✓ Recruitment specialists: The Head Hunters, Search International**

- * Apply with a well-drafted cover letter highlighting your enthusiasm and suitability for the position**
- * Follow up on the application**
- * Prepare for interviews**
- * Be confident about your capabilities and skills**
- * Stay positive and motivated throughout the process**

Online courses on pedagogy:

Harvard Project Zero Online Courses (www.pz.harvard.edu)

- ❑ *Creating Cultures of Thinking: Learning to Leverage the Eight Forces that Shape the Culture of Groups, Classrooms, and Schools*
- ❑ *Making Learning Visible: The Power of Group Learning and Documentation in Classrooms and Communities*
- ❑ *Teaching for Understanding: Educating for the Unknown*
- ❑ *Thinking and Learning in the Maker-Centered Classroom*
- ❑ *Visible Thinking: Building Understanding through Thinking Routines and Dispositions*


TES (formerly Times Educational Supplement) www.tes.com

Educational materials, jobs, news and courses for teachers and school leaders.

* Masters in Education offered by:

- * Stanford University, USA
- * Harvard University, USA
- * University of Oxford, UK
- * University of Hong Kong, Hong KONG
- * University of Cambridge, UK
- * Murdoch University, Australia
- * Edith Cowan University (ECU), Australia
- * **University of the People, USA**

(IB recognized online M.Ed. Course; free registration)



“The only way to do great work is to love what you do. As with all matters of the heart, you'll know when you find it. And, like any great relationship, it just gets better and better as the years roll on. So keep looking until you find it. If you haven't found it yet, keep looking. Don't settle.” —Steve Jobs