

carpenter physiotherapist dietician counsellor museologist librarian cartographer stock broker secretary cinematographer biotechnologist civil servant social worker psychologist banker chartered accountant company secretary economist doctor statistician occupational therapist accountant manager lawyer teacher actuary pharmacist restorer journalist engineer dentist fashion designer cosmetologist homeopath audiologist geneticist architect cost accountant hotel manager secretary police officer therapist crafts designer biologist homeopath sociologist physicist script writer editor imaging technologist dietician auto mechanic health service manager biotechnologist protection services horticulturist fisheries scientist horologist special educator marine scientist radiologist medical technologist preschool educator physiotherapist polymer technologist accountant lawyer statistician occupational therapist manager teacher actuary cinematographer hotel manager commercial artist veterinarian police officer multimedia designer software designer agricultural manager



Jiva Career Guidance Workshop

Name: Soumya Nigam

pilot oceanographer interior designer human resource manager tool and die maker plumber orthoptist geologist forester agriculturist nurse allied health professional librarian secretary prosthetist carpenter physiotherapist dietician counsellor museologist librarian cartographer stock broker secretary cinematographer biotechnologist

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CAREER REPORT

NAME: Soumya Nigam

AGE: 15 years

CLASS: X

SCHOOL: Kendriya Vidyalaya

GENDER: Female

CITY: Lucknow

This report is based on the student's participation in the *Jiva Career Counselling and Livelihood Planning Programme* developed for Indian career choosers by The Promise Foundation and the Consultant Psychologists Group. The report has been prepared by expert Career Psychologists at the Jiva Headquarters, based on a comprehensive analysis of the data provided to the Jiva Career Guidance Counsellor by the student. The validity of this report is subject to the accuracy of the information provided by the student.

Jiva is a values oriented career education system that is student-led and activity based. This method of career counselling follows four steps as described below:

FOUR STEPS OF CAREER DISCOVERY

- 1. Self-Understanding:** The student goes through various activities to discover his/her *interests, aptitudes* and *potentials*. The methods include *quantitative* techniques such as tests, questionnaires and inventories. *Qualitative* methods are also used. These include performance items, analysis of hobbies and accomplishments along with the student's academic history. This data is combined to generate the student's unique *potential profile*. All tests have been developed and *standardised* for Indian students.

- 2. Understanding the World of Work:** During this stage in the workshop, the student goes through various activities to broaden his/her horizons by learning about *different* kinds of careers. Students also learn the difference between work, job and career, the meaning of eligibility, qualifications and about different kinds of career paths. Tools such as *careers dictionaries* and *career information cards* are used.

- 3. Developing Career Alternatives:** These are a set of 3 to 6 careers linked to the student's potential profile for which he/she has the *highest* potential.

- 4. Career Preparation:** During the final phase of the programme students learn to prepare for their careers. This includes learning about important *milestones*, skills to *collect* career information and develop personal *career paths*.

POTENTIAL AREAS

Areas that indicate a high potential for the student are marked with an asterisk (*).

*	<i>Linguistic Potential</i>	sensitivity to words and the ability to use language (written or oral), effectively.
*	<i>Analytical-Logical Potential</i>	ability for analysis, reasoning and application of logic to solve problems, find solutions and make diagnoses.
	<i>Spatial Potential</i>	sensitivity to colour, line and form and the ability to manipulate three/two dimensional space, to design.
*	<i>Personal Potential</i>	Sensitivity to others' feelings and , interpersonal skills and the ability to understand behaviour.
	<i>Physical-Mechanical Potential</i>	ability to use physical capabilities, efficiently at the fine and/or gross motor level, stamina, strength and control over the movements of the body.

RECOMMENDED SUBJECT SPECIALISATION IN ORDER OF PRIORITY

Science: 1	Commerce: 3	Humanities: 2	Diploma: 4
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CAREER EXPLORATION GUIDE

OPTION 1:

Life Sciences

Biotechnologist

Biotechnologists apply the principles of biology at the 'industrial' level. Naturally occurring biological processes such as fermentation and enzyme production are controlled, enhanced, and managed by biological technologists to benefit human beings in numerous ways. Biotechnology has applications in health care, agricultural science, environmental management, and pharmacy.

Career Path:

Option 1:

1. Complete Higher Secondary with science.
2. Enter colleges that offer biotechnology as a B.Sc. or B.Tech. degree.
3. Complete Master's degree in biotechnology.

Option 2:

1. Complete Higher Secondary with science.
2. Appear for the entrance test for admission to the 5-year integrated M. Tech. programme (offered by Indian Institutes of Technology [IIT] and other universities); specialize in biotechnology.

Option 3:

1. Complete Higher Secondary with physics, chemistry and biology.
2. Complete a Bachelor's in science with chemistry, botany and zoology.
3. Complete a Master's degree in biotechnology.

All these courses lead to further specialisation in biotechnology at the Ph.D. level.

Useful Addresses:

- *All India Biotechnology Examination*: Registrar, Department of Biotechnology, CGO Complex, Lodhi Road, New Delhi - 110 003.
- Anna University, Chennai – 600025 (B.Tech. in industrial biotechnology)
- Bharathiyar University, Maruthamalai Road, Coimbatore-641046.
- Birla Institute of Technological Sciences (BITS), Pilani. Website: www.bits-pilani.ac.in
- Bioinformatics: Bioinformatics Centre, School of Biotechnology, Madurai Kamaraj University, Palkalai Nagar, Madurai – 625021.
- BMS College of Engineering, Bangalore.
- Department of Life Sciences, Osmania University, Administrative Building, Hyderabad.
- Jawaharlal Nehru Technological University - Faculty of Bio Technology, Masab Tank, Mahaveer Marg, Hyderabad-500028.
- Manipal Academy of Higher Education, Madhav Nagar, Manipal, 576 119. Ph: 08252 571978. Email: admissions@manipal.edu
- MS Ramaiah Institute of Technology, Bangalore.
- National Institute of Environment, 1/169, Vikas Nagar, Kursi Road, Alaiganj, Lucknow-226020.
- New Horizon College of Engineering, Bangalore.
- PES College, Hanumanthanagar, Bangalore.
- All India Biotech Association: <http://www.aibaonline.com/>

Microbiologist

Microbiology is a branch of the life sciences that deals with micro-organisms and their influence on other forms of life.

Career Path:

Option 1:

1. Complete Higher Secondary (science with biology).
2. Complete Graduation (science with biology).
3. Choose microbiology as a specialisation and complete Post Graduation. Ph.D. would be useful.

Option 2:

1. Complete a medical degree (M.B.B.S.).
2. Choose a specialization and join Post Graduation in medicine (M.D.) and study that field.

Useful Addresses:

- *All India Biotechnology Examination*: Registrar, Department of Biotechnology, CGO Complex, Lodhi Road, New Delhi - 110 003.
- Anna University, Chennai – 600025 (B.Tech, Industrial Bioechnology)
- Bharathyiar University, Maruthamalai Road, Coimbatore-641046.
- Birla Institite of Technological Sciences (BITS), Pilani; website: www.bits-pilani.ac.in
- Bioinformatics: Bioinformatics Centre, School of Biotechnology, Madurai Kamaraj University, Palkalai Nagar, Madurai – 625021.
- BMS College of Engineering, Bangalore.
- Department of Life Sciences, Osmani University, Administrative Building, Hyderabad.
- Jawaharlal Nehru Technological University - Faculty of Bio Technology, Masab Tank , Mahaveer Marg, Hyderabad-500028.
- Manipal Academy of Higher Education, Madhav Nagar, Manipal, 576 119, Ph: 08252 571978; email: admissions@manipal.edu
- MS Ramaiah Institute of Technology, Bangalore.
- National Institute of Environment, 1/169, Vikas Nagar, Kursi Road, Alaiganj, Lucknow-226020.
- New Horizon College of Engineering, Bangalore.
- PES College, Hanumanthanagar, Bangalore.
- R V College of Engineering, Bangalore.
- School of Biological Sciecnas, Madurai Kamaraj University, Madurai.
- School of Biotechnology, Jawarharlal Nehru University, New Delhi.
- Some Indian Institutes of Technology offer a 5 year integrated M.Tech in Biochemical Engineering and Biotechnology. (e.g. IIT – Delhi, Kharagpur, Bombay) website: www.iitb.ac.in/admission
- University of Madras-Faculty of Biotechnology, Centenary Buildings, Chepauk, Chennai
- Amity Institute of Biotechnology; website: www.amity.edu; phone: 1600-1100-00
- Indian Society of Chemists and Biologists: <http://iscbindia.com/>
- Society of Biological Scientists of India (SBSI): <http://sbsi.in/>

OPTION 2:

Audiologist and Speech Therapist

Audiologists and Speech Therapists determine the type and degree of hearing impairment and implement rehabilitation services.

Career Path:

Option 1:

1. Complete Higher Secondary with science (biology required).
2. Complete 3-year Bachelor's programme in audiology and speech therapy or a 4-year programme in audiology and speech language pathology.
3. Pursue further education through postgraduate/doctoral specialization.

Option 2:

1. Complete Higher Secondary with science.
2. Go for a Diploma in special education (hearing impairment).

Useful Addresses:

Information of government approved courses maybe obtained from The Rehabilitation Council of India, B-22, Qutab Institutional Area, New Delhi – 110 016. Ph.: 91 11 26532816, 26534287, 26532384. Email: rehabstd@nde.vsnl.net.in , rehccouncil_delhi@bol.net.in Website: www.rehabcouncil.nic.in

- Ali Yavar Jung National Institute for the Hearing Handicapped, Krishenchand Marg, Bandra (W), Mumbai-400050. Ph.: 022-26400215/26409176/26400263 Email: ayjnihhmum@gmail.com Website: <http://ayjnihh.nic.in/index.asp>
- All India Institute of Speech and Hearing, Manasagangotri, Mysore-576 006. Ph.: 2502102 Email: director@aiishmysore.in Website: <http://www.aiishmysore.in/en/index.html>
- Christian Medical College, Bagayam, Vellore-632004, Tamil Nadu. Ph.: 0416 2284255 Email: registrar@cmcvellore.ac.in Website: <http://www.cmch-vellore.edu/>
- Institute of Speech and Hearing, Lingaraja Puram, Bangalore-560084
- Manipal Academy of Higher Education, Madhav Nagar, Manipal, 576 104. Ph: 0 9243777733. Email: admissions@manipal.edu Website: <http://www.manipal.edu/pages/welcome.aspx>
- Indian Speech and Hearing Association: <http://ishaindia.org.in/>
- Scope of Practice: http://ishaindia.org.in/pdf/Scope_of_Practice.pdf

OPTION 3:

Lawyer

Law is a profession that pleads or conducts prosecutions for clients in courts. It must be noted that court room activity represents one of the branches of Law, namely, Civil Criminal Law. Other specializations include working in the corporate sector, dealing with intellectual property, social welfare and justice.

Career Path:

Option 1:

1. Complete Higher Secondary in any stream
2. Enter into a composite course in law: a five-year course that leads to two degrees (B.A. or B.Com. or B.Sc. + L.L.B.).

Option 2:

1. Complete Graduation in any field
2. Specialise in law through a Post Graduate degree in law (L.L.B.).

Useful Addresses:

- National Law School of India University, P.O. Bag 7201, Nagarbhavi, Bangalore, Karnataka - 560 072; Phones: 0803213160; Email: registrar@nls.ac.in; website: <http://www.nls.ac.in>
- NALSAR University of Law, 3-4-761, Barkatpura, Hyderabad, Andhra Pradesh - 500 027; Phone: 040 27567955; E-mail: nalsar@hd2.dot.net.in; website: www.nalsarlawuniv.org

- The WB National University of Juridical Sciences, NUJS Bhavan 12 LB Block, Sector III, Salt Lake City, Kolkata, West Bengal - 700 098; Phones: 033 2335 0500/0534/0765/7379; E-mail: nujs@cal3.vsnl.net.in; Website: www.nujs.edu
- National Law University, NH-65, Nagaur Road, Mandore, Jodhpur, Rajasthan - 342001; Phone: 0291 – 727883; E-Mail: nlu-jod@raj.nic.in; Website: www.nlujodhpur.ac.in
- Gujarat National Law University, OLD NIFT Campus, E-4 GIDC, Electronic Zone, Gandhinagar –382044, Gujarat; Phone: 079 - 232 43296; Website: www.gnlu.ac.in
- National Law Institute University, Bhadbhada Road, Barkheri Kalan, Bhopal, Madhya Pradesh – 462002; Phones: 0755 2696965; 5234635; Email: nliu@sancharnet.in; Website: www.nliu.org
- Symbiosis Law College, Senapati Bapat Road, Pune, Maharashtra – 411004; Phone: 020 - 565 5114, 565 1495; email: symlawplacement@vsnl.net; website: http://symlaw.ac.in
- ILS Law College, Law College Road, Pune, Maharashtra - 411 004, Phone: 020 - 5656775, 5678678; Email: ilslaw@vsnl.com; website: http://www.ilslaw.edu
- Government Law College, 'A' Road, Opposite Churchgate Station, Mumbai, Maharashtra - 400 020 Phone: 022 – 2041707; email: webmaster@glc.edu; website : www.glc.edu
- Faculty of Law (University of Delhi), Chattra Marg, University Enclave, University of Delhi, Delhi -110007; Phone: 011 – 27667725; website: http://www.du.ac.in/faculty_main.html?facultyid=LAW
- University Law College, No. 1, Palace Road, Bangalore University, Bangalore 560009 Phone: 0802262137.
- Bangalore Institute of Legal Studies, Vijaya College Campus, R.V. Road Basavanagaudi Bangalore 560 004
- All India Bar Association, www.allindiarbar.org/

OPTION 4:

Civil Servant

Civil Servants are the professionals who actually manage a country. They administer and execute policies laid down in laws, rules, and regulations of central and state governments, local bodies, and quasi government organizations and serve in various capacities in central and state governments or local bodies. Senior Civil Servants also head large public sector companies.

Career Path:

Option 1:

1. Complete Graduation in any discipline.
2. Go through the selection procedure set by Union Public Service Commission or State Public Service Commissions. This includes examinations, group discussions, and personal interviews.

Note: It is recommended that Post Graduation is completed before the Civil Service exam is attempted.

Useful Address:

- Union Public Service Commission, Dholpur House, New Delhi -110011.

OPTION 5:

Human Resource Manager

Human Resource Managers plan and coordinate the activities of an organisation to maximise the strategic use of human resources.

Career Path:

Option 1:

1. Complete Higher Secondary in any stream.
2. Obtain a Bachelor's degree in any stream.
3. Appear for entrance examination.
4. Join post graduate course in a specific branch of management (e.g., M.B.A. in personnel management).

Useful Addresses:

- Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Gandhi Hills, Manas Mandir P.O, Wardha, Maharashtra 442005, Phone: 07152 230 90.
- Tata Institute of Social Sciences, Sion -Trombay Road, Deonar, Mumbai 400 008.
- Symbiosis Institute of Business Management, Senapati Papat Marg, Pune - 411 044
- Bharatiya Vidya Bhavan's Harilal Bhagwati College of Commerce and Mgt. 43, Race Course Road, Bangalore-560001.
- ICFAI, 3, Banjara Hills, Hyderabad-500034.
- Indian Institute of Management, Bannerghatta Road, Bangalore (and other IIMs around the country)
- Indira Gandhi National Open University, IGNOU, Maidan Garhi, New Delhi - 110 068.
- Loyola Institute of Business Administration (LIBA), Loyola College, Chennai-600034.
- St. Joseph's College of Business Administration, 163, Brigade Road, Bangalore-560025.
- Xavier Institute of Management Education, Sevasadan, Koramangala, Bangalore.
- Xavier Labour Relations Institute, Jamshedpur.
- National HRD Network: <http://www.nationalhrd.org/>
- All India Management Association: http://company.monsterindia.com/allindiamain/sales_marketing.html

OPTION 6:

Development Studies

This is an interdisciplinary field that focuses on aspects related to social and economic development. These are specialists who are trained to apply their expertise in a specific profession at a mass level to help a country develop. For example, a Psychologist could help the children of a country recover from war. Similarly, a Civil Engineer could help a country develop new networks of roads, or a Lawyer could help a country draft a new constitution.

Career Path

Option 1:

1. Complete Higher Secondary in any field.
2. Complete Graduation in development studies.
3. Plans to go at least up to a Post Graduate degree in development studies is essential.

Option 2:

1. Complete Higher Secondary in any field.
2. Complete Graduation in any field (humanities useful) and become a fully qualified professional in a specific area.
3. Specialise in development studies through a Post Graduate Degree/Diploma.

Useful Addresses:

<i>internet address</i>	<i>Details</i>
www.hss.iitm.ac.in/main/ma-more.html	Course details of the 5 year integrated course in Development Studies from IIT, Chennai.
www.DevNetJobs.org	This is an employment data base. Employment opportunities in the developmental sector are sent through free emails upon registering. Details on web site
http://icsc.un.org/vab/job_list.htm	Employment opportunities in UN organisations. Some examples of recently posted employment categories <ul style="list-style-type: none">• Administrative specialists• Social Workers• Economists• Management and programme analysts• Personnel management specialists• Professional, managerial and technical specialists• Public administration specialists

	<ul style="list-style-type: none"> Public information specialists
http://www.unesco.org/per/	Career opportunities in the UNESCO
http://www.worldvolunteerweb.org/	Information about volunteerism worldwide
www.unv.org	United Nations Volunteer Programme
www.fordfound.org/	The Ford Foundation web site – an example of job opportunities available within an international development organisation.
ICFAI, 3, Banjara Hills, Hyderabad-500034. / ICFAI, Unit No. 303, IIIrd Floor, MBC, No. 124, Infantry Road (Ph: 57625211/311)	Post Graduate courses in public affairs.
www.fulbright-india.org	The Full Bright Fellowship web site. An example of a source of scholarships for further study
http://usembassy.state.gov/chennai/wwwhusef.html usefi	The United States Educational Foundation in India website
www.ids.ac.uk/ids	Information on courses in developmental studies: The Institute of Development Studies, Sussex, (IDS) is one of the world's leading centres for research and teaching on international development. IDS is a centre for research, teaching and information on development and Third World issues.
www.cds.edu	Center for Development Studies Trivandrum, Kerala, India

FOLLOW UP:

The student and parents are encouraged to *explore* the careers mentioned in this report, before the final choice is made. For further information about institutions log on to the Jiva Website: www.jivacareer.org and click on Institutional Information.

Note: Listing of the institutions in this report does not mean that their quality or status is being endorsed by the Jiva programme. Parents are requested to directly validate the institutions we have listed. Also note that the institutions listed are an indication of available courses. Please explore further to identify other institutions using the information that we have provided. Some of the useful websites are:

For Higher Secondary Education (India):

- Central Board Of Secondary Education (CBSE): <http://cbse.nic.in/>
- Council for the Indian School Certificate Examinations (ICSE): <http://www.cisce.org/>
- Cambridge International Examinations (IGCSE): <http://www.cie.org.uk/>
- International Baccalaureate: <http://www.ibo.org/about-the-ib/the-ib-by-country/i/india/>
- Board of High School and Intermediate Education Uttar Pradesh, Allahabad: <http://upmsp.nic.in/>

For University Education (India):

- University Grants Commission: <http://www.ugc.ac.in/>
- All India Council for Technical Education: <http://www.aicte-india.org/>
- The Medical Council of India: <http://www.mciindia.org/>
- Directorate of Vocational Education & Training: <http://www.dvet.gov.in/>
- Institutes of National Importance <http://mhrd.gov.in/institutions-national-importance>

For Education Abroad:

- United Kingdom and Commonwealth: British Council: <https://www.britishcouncil.in/>
- United States: United States Information Agency: <http://dosfan.lib.uic.edu/usia/>

- Singapore: Ministry of Education: <https://www.moe.gov.sg/about/org-structure/heo>
- Australia: Australian Government: <https://www.studyinaustralia.gov.au/>
- New Zealand: Education in New Zealand: <http://www.education-newzealand.org/>
- Canada: Government of Canada: <http://www.cic.gc.ca/english/study/>

Does India Recognize Foreign Degrees?

The Association of Indian Universities (AIU) accords Equivalence to such foreign degrees which: (a) are awarded by the foreign universities which are approved/recognized/accredited in its own Country; (b) are pursued by a student as a full time regular student on the campus of the university of its Origin; (c) the minimum prescribed duration of the programme of the studies is at least the same as applicable in case of Indian universities; and (d) the minimum eligibility requirements for admission in the programme of studies is at least the same as applicable in case of Indian Universities. Association of Indian Universities, June 30th, 2015.

Further information:

<http://www.aiu.ac.in/evaluation/AIU%20Equivalence%20Information%20Brochure%2013.07.2015.pdf>

Shobhit Narain Agarwal
Jiva Career Guidance Counsellor,
PG Certificate in Career Counselling
PGDBM (Business Management), PGDFT (Foreign Trade),
Date: 04.05.2016

Contact Information

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 Golden Future, Shop no. 17-19,
 Manik Moti Complex, Cantt. Road,
 Lucknow – 226001
 Email: shobhit1562@gmail.com

Jiva Headquarters:
 The Director,
 Consultant Psychologists Group,
 231, Cozy Home Layout, Sompur Gate, B. Hosahalli Road
 Sarjapura, Anekal Taluk, Bangalore 562125.
 Contact timings: 10 am to 4 pm, Tuesday to Saturday.