



# BCM ARYA MODEL SENIOR SECONDARY SCHOOL

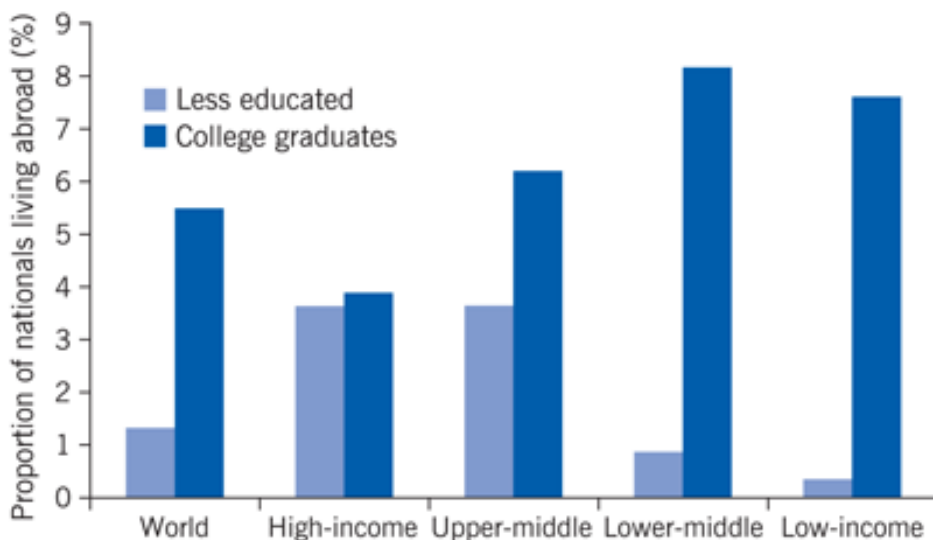


# BRAIN DRAIN CHRONICLES

## NAVIGATING PUNJAB'S ECONOMIC EXODUS



Brain drain rates decrease with economic development



Source: [1].



## Message from Principal's desk

### Addressing brain drain in Punjab



Brain drain, the emigration of highly skilled and educated individuals to other regions or countries in search of better opportunities, has long been a concern for Punjab. Our state, rich in cultural heritage and known for its industrious spirit, faces a critical challenge as some of our brightest minds seek prospects abroad.

As the youth of the nation, it is the prime responsibility of students to take initiatives that contribute to the growth of the state and nation, ensuring that social and economic development remains robust.

At BCM Arya, we encourage our students to embark on entrepreneurial ventures, engage in community programs, and lead impact-driven lives. Collaboration among all stakeholders is crucial to create an environment that nurtures talent and provides ample opportunities for professional and personal growth. Key steps to address brain drain include investing in education and research, enhancing infrastructure, and cultivating a culture of innovation and entrepreneurship effectively.

Our aim is to instill confidence in students and empower them to foster their creativity and innovation, by highlighting success stories of individuals who have thrived locally and offering guidance on navigating the local job market,

Remember the words of Dr. APJ Abdul Kalam, who advised the students to ask themselves "What can we give?" True success in life is not measured by wealth or luxuries, but by the positive impact we make on others.

I envision BCMites as future leaders, dedicated to enriching our homeland, just as the contributors of this newsletter are working tirelessly to build a better Punjab!

Dr. Anuja Kaushal  
Principal

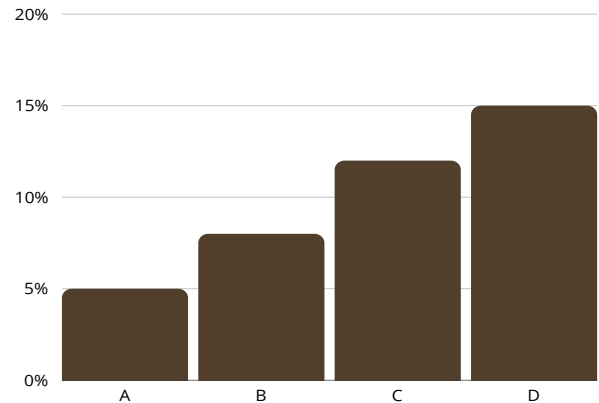
## The Great Escape: Talent on the Run

### Punjab's Potential is Here to Stay: Stem the Tide of Brain Drain!

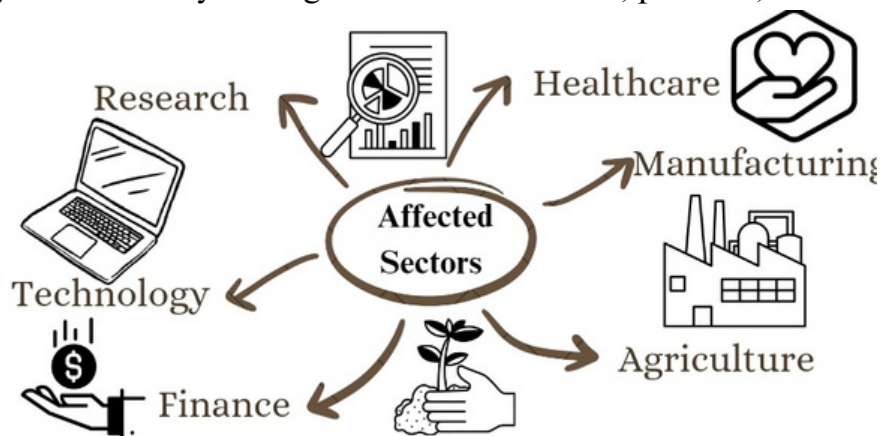
**“With dreams as bright as city lights, young professionals embark on journeys, leaving familiar streets and cherished memories behind to pursue opportunities in distant lands.”**

Brain drain significantly impacts Punjab, with many skilled individuals seeking better opportunities abroad. The term, originally describing scientists and technologists' migration, now applies to Punjab's situation. Historically, significant migration trends include 5,200 Punjabis moving to Canada in 1908. Recent data shows over 478,000 Punjabis migrated abroad from 2016 to March 2021. The rise of IELTS centers underscores this issue, reflecting a cultural shift that prioritizes high IELTS scores. This exodus of talent depletes crucial human capital, hinders economic growth, and stifles innovation. Socially and culturally, it contributes to brain circulation, with Punjab ranking high among provinces losing skilled professionals.

<b>A</b>	% of skilled worker migration from Punjab	5% annually
<b>B</b>	% of migration to Canada, the United States, and the United Kingdom increased by	8% annually
<b>C</b>	% of people leaving the regional industrial sector for better opportunities abroad	12%
<b>D</b>	% of the deficit of trained doctors and nurses	15%



The issue of brain drain in Punjab exacerbates governance challenges and impedes effective policymaking. Globally, it impacts labor markets, talent distribution, and international cooperation. Economically, Punjab loses over \$100 million in potential productivity and innovation annually due to brain drain. This phenomenon in Punjab mirrors global trends but is distinctly influenced by the region's socio-economic, political, and cultural contexts.



By investing in people and the future, Punjab can reverse brain drain and create an ecosystem that retains and attracts talent. With dedicated effort, Punjab's potential will flourish, leading to a prosperous, innovative, and dynamic future. Let's make it happen.

# Rising Unemployment rates among Punjab's Youth: A Looming Crisis Leading to Brain Drain

Punjab, a state in northern India, is grappling with an alarming surge in youth unemployment. This trend poses significant socio-economic challenges, notably the exacerbation of brain drain, where skilled professionals migrate to other regions or countries in search of better opportunities. Understanding the root causes and potential consequences of this crisis is essential for devising effective strategies to mitigate its impact.

## Statistical Overview: The Extent of the Problem



PUNJAB	RURAL		URBAN	
	2019-20	2020-21	2019-20	2020-21
LABOUR FORCE PARTICIPATION RATE	51.9	50.3	51.1	50.4
WORKER POPULATION RATE	48.2	47.2	47.2	47.3
UNEMPLOYMENT RATE	7.1	6.3	7.5	6.1

**Punjab faces a severe employment crisis with a 6.1% unemployment rate in 2022-23, higher than the national average of 3.2%. The state's labour Force Participation Rate (LFPR) dropped by 1.2 percentage points since 2019-20. However, positive trends include a slight decrease in the unemployment rate from 7.5% to 6.1% in 2020-21. The Punjab government is addressing unemployment with initiatives like health sector skill development centers and the Maharaja Ranjit Singh Armed Forces Services Preparatory Institute. Comprehensive strategies, including infrastructure investment, labour law reforms, and aligning education with job market demands, are needed to combat unemployment.**

# Rising Unemployment rates among Punjab's Youth:

## Major causes of High Youth Unemployment

### 1. Limited Job Creation

Punjab's economy struggles to generate enough jobs for the growing workforce, with limited opportunities in agriculture and insufficient expansion in industrial and service sectors.

### 2. Skill mismatch

Many graduates lack the necessary skills for modern jobs, despite formal education, leaving them unprepared for roles in technology, finance, and healthcare.

### 3. Lack of Investment in Industries and Infrastructure

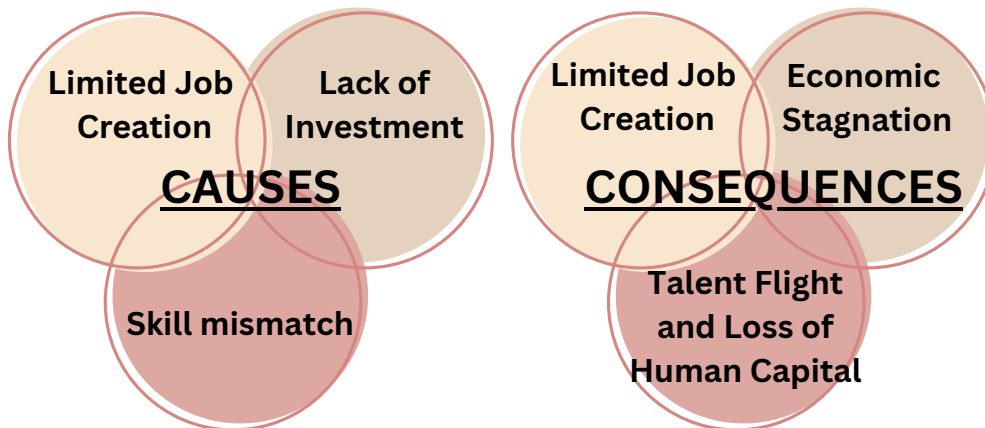
Inadequate investment in industries and infrastructure hinder job creation and economic growth, with poor infrastructure deterring potential investors.



**TIME TO  
ACT!**

**Got a Brilliant  
Idea? Help Us  
Stop Brain Drain!**

Brain drain is stealing our brightest minds, and we need YOUR genius to plug the leak! What's your game-changing idea to keep our talent thriving at home? Whether it's groundbreaking policies, creative community projects, or fresh incentives, we want to hear from you. Share your bold solutions with us at [bcm1newsletter@gmail.com](mailto:bcm1newsletter@gmail.com) and be a part of the revolution. The best idea will be awarded a certificate of recognition! Let's transform this challenge into a powerhouse of growth and innovation. Your ideas could be the spark we need! Don't wait—email us today!



## Consequences of Rising Unemployment and Brain Drain

### 1. Talent Flight and Loss of Human Capital

High unemployment leads to a significant brain drain, as talented young individuals seek better opportunities elsewhere, depriving Punjab of innovative potential.

### 2. Social Unrest and Increased Crime

Unemployment causes frustration and disillusionment among youth, leading to social issues like substance abuse and mental health challenges, and increasing crime rates.

### 3. Economic Stagnation

The loss of skilled professionals hampers local economic development, limiting businesses' ability to innovate and grow, creating a cycle of economic decline.

# Building a Brighter Future

## Initiatives to Stem Brain Drain in Punjab

### Addressing Brain Drain in Punjab: A Comprehensive Strategy

In recent years, Punjab has seen its brightest minds leaving for opportunities abroad. To tackle this, the Punjab State Council for Science & Technology (PSCCST) and the state government are rolling out initiatives to keep talent local and spur growth at home.



### Promoting STEM Education and Environmental Awareness

- Punjab is focusing on promoting STEM education (Science, Technology, Engineering, and Mathematics) to nurture local talent.
- Initiatives also include raising awareness about environmental issues among young people.
- These efforts aim to retain skilled individuals and prepare them for global opportunities, reducing migration



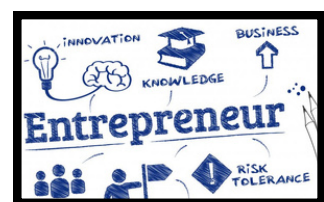
### Government Commitment and Vision 2047

- Punjab's Vision Document 2047 outlines a strategic plan to transform the state by its centennial year of independence.
- It emphasizes job creation, skill development, and fostering an entrepreneurial ecosystem.
- The goal is to create an environment where young people see a promising future within Punjab, reducing the allure of moving abroad.



### Empowering Youth Through Entrepreneurship

- Punjab is actively promoting entrepreneurship among its youth.
- The focus is on encouraging young technologists to innovate and start their own businesses.
- This strategy aims to transform job seekers into job creators, boosting local economic growth and creating new opportunities.



# Building a Brighter Future

## Addressing Brain Drain in Punjab: A Comprehensive Strategy

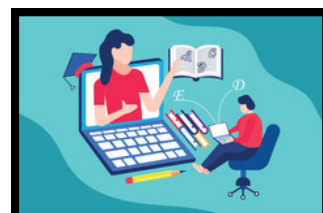
### Enhancing Skills and Encouraging Local Employment

- The Punjab government is setting up IT skill centers in rural areas.
- The Goal is to equip youth with digital skills to combat brain drain.
- Youth can work for foreign companies from Punjab or start their own ventures.
- Educational innovation centers are supporting technology startups.
- The aim is to utilize educated workforce for local economic growth.



### Improving Education Quality

- The Punjab government is implementing programs for international exposure and training of principals and teachers.
- The objective is to enhance educators' capabilities to improve education quality.
- The goal is to make Punjab appealing for both local and foreign students.



### Tackling the Root Causes of Migration

Migration statistics reveal a worrying trend of declining enrollment in higher education in Punjab. The figures depict the decline as follows:

year	the state's Gross Enrollment Ratio (GER)	undergraduate enrollment
2017-18	29.2	6.88
2021-22	27.4	6.13

Postgraduate enrollment declined from 1.17 lakh to 1.10 lakh. Enrollment in diploma courses also saw a significant reduction, from 7,431 to 5,814, and PG diploma courses from 1.26 lakh to 96,000.

A study by Punjab Agricultural University (PAU) highlights the socio-economic factors driving migration, such as lack of employment opportunities, corruption, and drug prevalence. It found that approximately 13.34% of rural households have at least one member who has emigrated.

# Case Study: Jessie Sangha

## From Immigrant to Entrepreneur

### Introduction

Jessie Sangha, like many young individuals from Punjabi households, dreamt of a better life in Canada. Little did he know that his journey would lead him to the United States and eventually back to India, where he would realize his entrepreneurial dreams. This case study explores Jessie's journey, highlighting the challenges and opportunities he faced as an immigrant and entrepreneur.

### Background

In 1983, as a teenager, Jessie convinced his parents to help him get a Canadian visa. However, his plans took an unexpected turn one Friday night when he decided to cross the border with a friend to visit his brother in the United States. This decision marked a significant turning point in his life.

### Journey in the united states

Initially, Jessie worked as a truck driver, a job that provided stability but not fulfilment. In 1986, the Immigration Reform and Control Act passed by the U.S. President allowed Jessie to obtain his green card in 1988. By 1990, he purchased his own truck, and over the years, he expanded his fleet to 85 trucks and established two transport companies.

### Return to India

Despite his success, Jessie felt a void due to the lack of quality time with his family in California.

Deciding to retire, he moved back to India, where his relationship with his son grew stronger. Jessie's lifelong passion for food led him to open a restaurant named "WICKED CHICKEN" in April 2019, offering authentic Mexican and American flavours prepared at home.

### Conclusion

Jessie Sangha's story is a testament to the power of perseverance, adaptability, and deep-seated love for one's homeland. His journey from an immigrant truck driver to a successful entrepreneur and restaurateur in India offers valuable lessons on the impact of personal decisions and the importance of family.

## **ENGAGE WITH US!**

Explore our case study on brain drain through Jessie Sangha's inspiring story. Reflect, analyse, and share your insights with us!

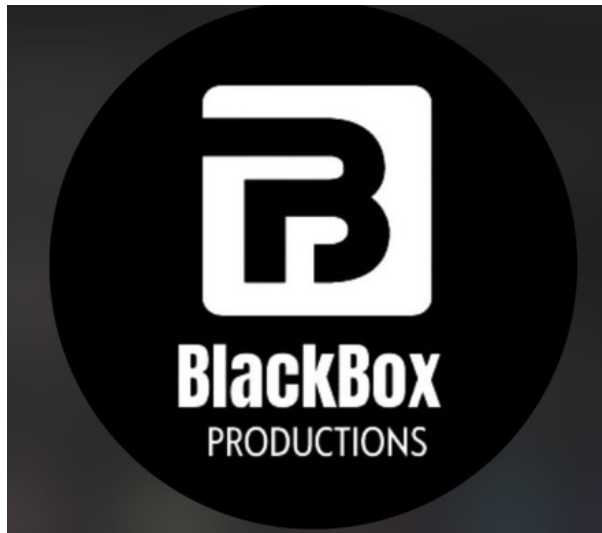
- 1 What initial dream did Jessie Sangha have as a teenager?
  - a) To move to Canada
  - b) To start a restaurant
  - c) To become a truck driver
  - d) To live in America
2. What significant law helped Jessie secure his green card in the United States?
  - a) The Immigration Act of 1990
  - b) The Immigration Reform and Control Act of 1986
  - c) The DREAM Act
  - d) The Secure Fence Act of 2006
3. What motivated Jessie to return to India and retire?
  - a) Business failure in the United States
  - b) Desire to spend quality time with his family
  - c) Political instability in the U.S.
  - d) Lack of business opportunities
4. Jessie's decision to open a restaurant in India was driven by his passion for food. What business would you start if you returned to your homeland, and why? Reflect on your interests and the needs of your community. (Write a 100 word essay)

## **GET INVOLVED!**

Submit your answers and essays to [bcm1newsletter@gmail.com](mailto:bcm1newsletter@gmail.com). Show off your creativity and insights!

## Voices of Aspiring Entrepreneurs: Insights from students of BCM

In this section, we present the perspectives of students from our school who have ventured into the world of business. Their stories not only highlight the potential within our school but also offer valuable lessons and inspiration for their peers.



### **ARSHIYA SHARMA:**

XII- ARTS

@blackboxproduction.in

Arshiya Sharma, a talented event manager, creates amazing live experiences, from big concerts to cozy get-togethers. Even while studying in 12th grade at BCM Arya, she's built a successful thriving business. Her education gave her the skills and confidence to thrive, with strong support from her teachers boosting her ability to work with clients. Arshiya believes in staying in India, arguing that brain drain depletes young talent. She advises aspiring entrepreneurs to be their own bosses and pursue their dreams with passion and determination.



### **UPHAR:**

### **VIDUSHI ARORA:**

XII- COMMERCE

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Vidushi Arora is the founder of Uphar, a luxury gifting brand that offers a variety of customized handicrafts, from sparkly keychains to resin photo frames and vintage letters. Even while studying at BCM Arya, she has built a successful 4-figure business. The school's arts faculty helped Vidushi discover her passion for art and provided opportunities like the Pracheen Kala course in Fine Arts and showcasing her products at the 'Anvesha' exhibition.

Vidushi believes in staying in India, arguing that brain drain depletes young talent. She feels the government should provide better economic opportunities to retain this talent. For Vidushi, entrepreneurship is about embracing the journey, learning from the process, and staying consistent.

## Voices of Aspiring Entrepreneurs: Insights from students of BCM



### **YAMUNA GOYAL**

**XII- COMMERCE**

**@yamuna\_goyal**

Yamuna Goyal is a skilled freelance copywriter and content writer, helping clients build their online presence. Despite being a 12th-grader at BCM Arya, she has built a profitable five-figure business with international clients.

She credits her teachers for boosting her confidence and communication skills through group discussions and debates. Yamuna opposes brain drain, urging the government to align education with modern job needs. She plans to stay in India and encourages aspiring entrepreneurs to seize opportunities and build businesses with perseverance.

### **SWEET AFFAIRS**

**ARSHNOOR KAUR**

**XI- COMMERCE**

**@sweet\_affairs1712**



Ashnoor Kaur's brand, Sweet Affairs, offers freshly baked desserts that blend simple ingredients into delightful creations. As the founder and an 11th-grade Food Production student at BCM Arya, Ashnoor has refined her baking skills with support from teachers who igniting passion for baking. She prioritizes customer satisfaction, crafting modern and unforgettable desserts. Ashnoor plans to expand her business locally instead of settling abroad, concerned that brain drain could deplete skilled professionals and impact local economies negatively. She encourages young entrepreneurs to embrace failures as learning opportunities and to persevere with determination.

## **Profile building**

### Why you among millions?

#### **What is profile building ?**

In today's competitive job market, a single document can define your future, making it crucial to stay ahead. Recruiters seek profiles showcasing leadership, creative skills, and proof of interest in the field. Profile building involves developing projects and skills to create a portfolio that reflects your interests and abilities.

#### **The dynamics of global competition**

Every year, there's a 10% increase in students heading abroad for studies, says the Institute of International Education of Students (IES). This rise shows studying abroad is popular for higher education, but it's also highly competitive. While international students start building their profiles early, many Indian students catch on too late. That's why we've compiled the key factors to make a student profile stand out.

#### **Common basic elements needed in your application**



<b>Basic elements</b>	<b>Description</b>
<b>Official Transcript</b>	Academic record
<b>Standardized test scores</b>	Accepted exams – MCAT, SAT, GRE
<b>Statement of purpose</b>	Why this college?
<b>Extracurricular activities</b>	Clubs/teams – participation
<b>Recommendation letter</b>	Positive references
<b>Awards and Accomplishments</b>	Personal achievements
<b>Community service and volunteer opportunities</b>	Volunteer work
<b>Cultural diversity</b>	Showcase culture
<b>Course certifications</b>	Skill verification

# PROFILE PROTOTYPE

## RIYA SHARMA- ASPIRING ENVIRONMENTAL ENGINEER

(Based on Hindustan Times Articles)

### ACADEMICS

- CGPA: 9.0 (out of 10) with a strong performance in Science (Chemistry, Biology) and Mathematics.
- Participated in the National-level "Green Olympiad," demonstrating an early interest in environmental issues.

### EXTRACURRICULAR ACTIVITIES

- President of the Eco-Club: Organized tree plantation drives, and awareness campaigns on waste management, and participated in inter-school environmental competitions and won first place for a project on sustainable water conservation.
- Volunteered with a local NGO, focused on environmental cleanup and community education on sustainable practices.

### SKILLS AND ACHIEVEMENTS

- Attended a summer workshop on renewable energy technologies.
- Developed a prototype for a water filtration system using readily available material (science fair project).

### LANGUAGE SKILLS

- Preparing actively for the TOEFL exam, aiming for a score above 100

### STATEMENT OF PURPOSE

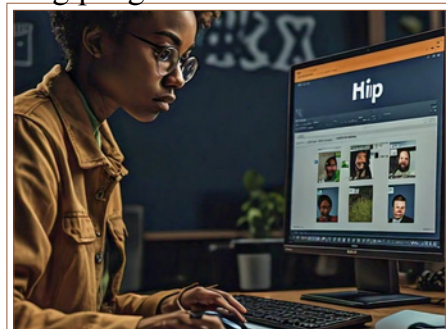
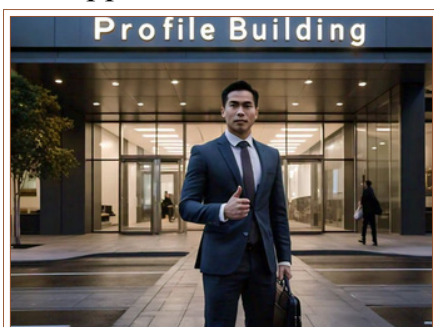
- Riya's SOP highlights her passion for environmental protection and her desire to contribute to a sustainable future. She details her experiences with the Eco-Club, volunteer work, and her science fair project. She mentions specific universities with renowned environmental engineering programs and research opportunities focused on areas like water resource management or renewable energy.

### TEACHERS RECOMMENDATION

- Riya's science teacher and the principal write strong recommendation letters for her application. The teacher praises her scientific knowledge, problem-solving skills, and commitment to environmental issues. The principal highlights her leadership in the Eco-Club and her project's potential impact.

### OUTCOME

- Riya's strong academic performance, combined with her demonstrated passion for environmental issues through extracurricular activities and skill development, strengthens her application for environmental engineering programs abroad.



## Brain Drain Crossword Challenge

**Explore the issue of brain drain in Punjab with our engaging crossword puzzle. Test your knowledge and understand the factors driving this phenomenon. Use the clues below to fill in the puzzle**

### Across

1. Loss of educated individuals to other countries
2. People leaving their home country
3. Major destination country for Punjabi migrants
4. Reason for seeking opportunities abroad

### Down

1. Better living conditions in foreign countries
2. A person moving to another country
3. The local impact of losing skilled professionals
4. The system producing skilled workers

D	G	U	W	N	D	W	P	K	G	H	D	U
A	H	X	L	E	N	S	O	N	F	F	Q	S
Q	E	X	O	D	U	S	S	P	P	I	S	H
R	L	B	R	D	F	H	D	B	M	E	Q	O
S	I	A	C	A	N	A	D	A	I	D	A	R
H	F	D	Y	T	U	I	K	P	G	U	J	T
B	E	L	Q	V	B	N	G	G	R	C	M	A
D	S	H	A	C	Y	M	F	H	A	A	N	G
I	T	Z	E	M	I	G	R	A	N	T	B	E
K	Y	Q	Z	D	R	J	F	J	T	I	V	H
T	L	V	E	D	E	U	W	K	S	O	C	O
D	E	S	U	C	C	E	S	S	G	N	O	L

**Complete the crossword puzzle and submit your answers to [bcm1newsletter@gmail.com](mailto:bcm1newsletter@gmail.com). Share your insights and understanding of the brain drain issue in Punjab!**

# Team Structure

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