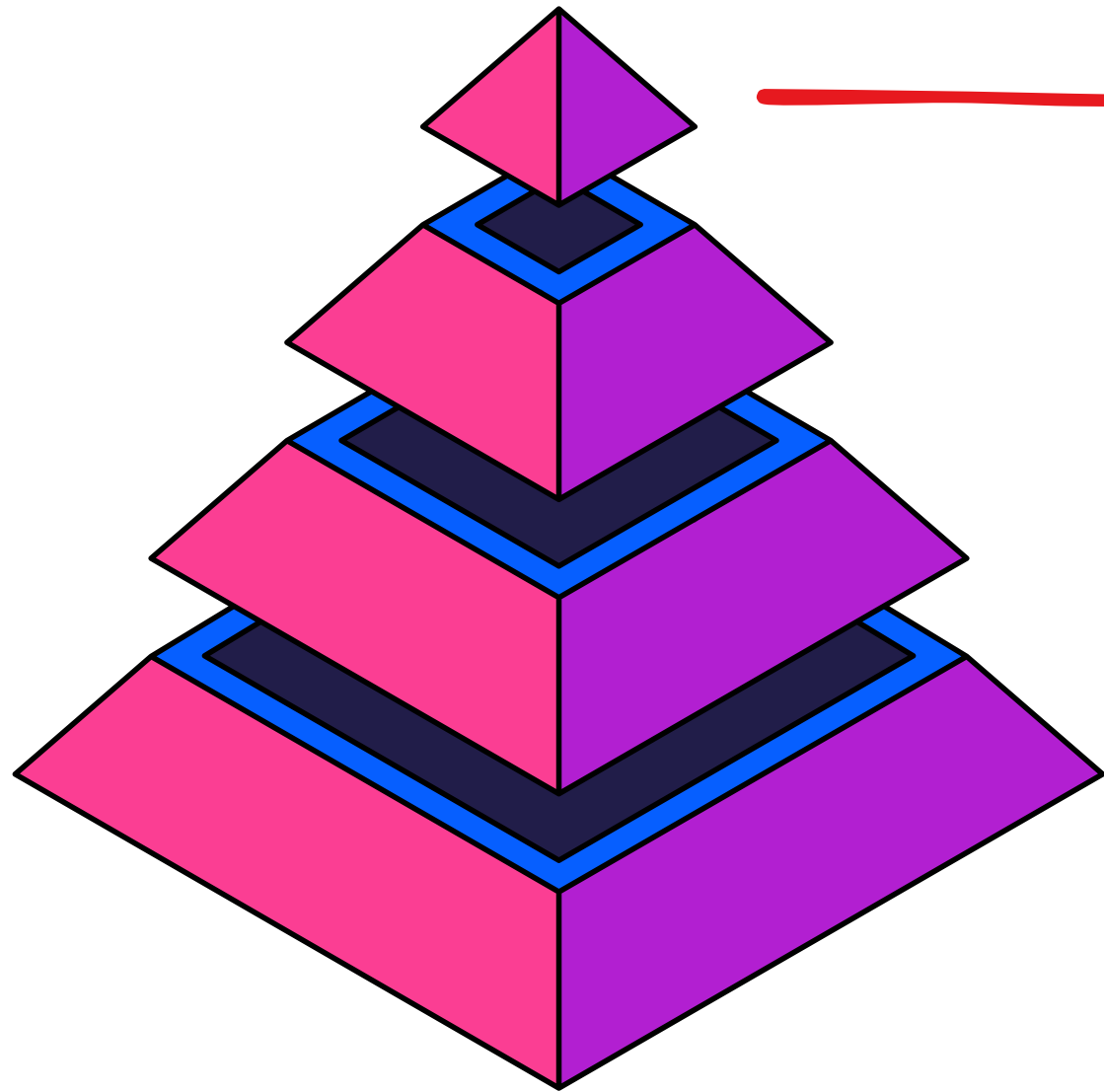
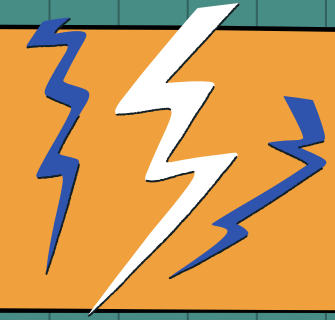


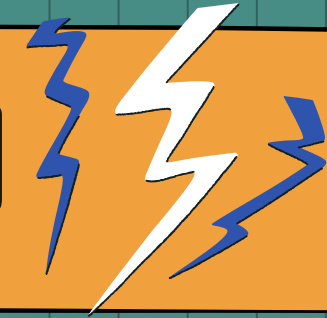
The Great Salary Divide



**Top Biotechie =
5.5 Crores**

**Fresher: Rs 8K
Salary**

Difference between 2023 & 2024



2023

Less Awareness

Less Funding

Less Demand

2024

More Awareness

More Funding

More Demand



WISE Scholarship 2024

YOUR PATHWAY TO SUCCESS



What is WISE Scholarship

Watson **IMPACT** Scholarship for **E**xcellence

IMPACT: Investing in Minds for
Progress, Advancement, and Change
through Technology

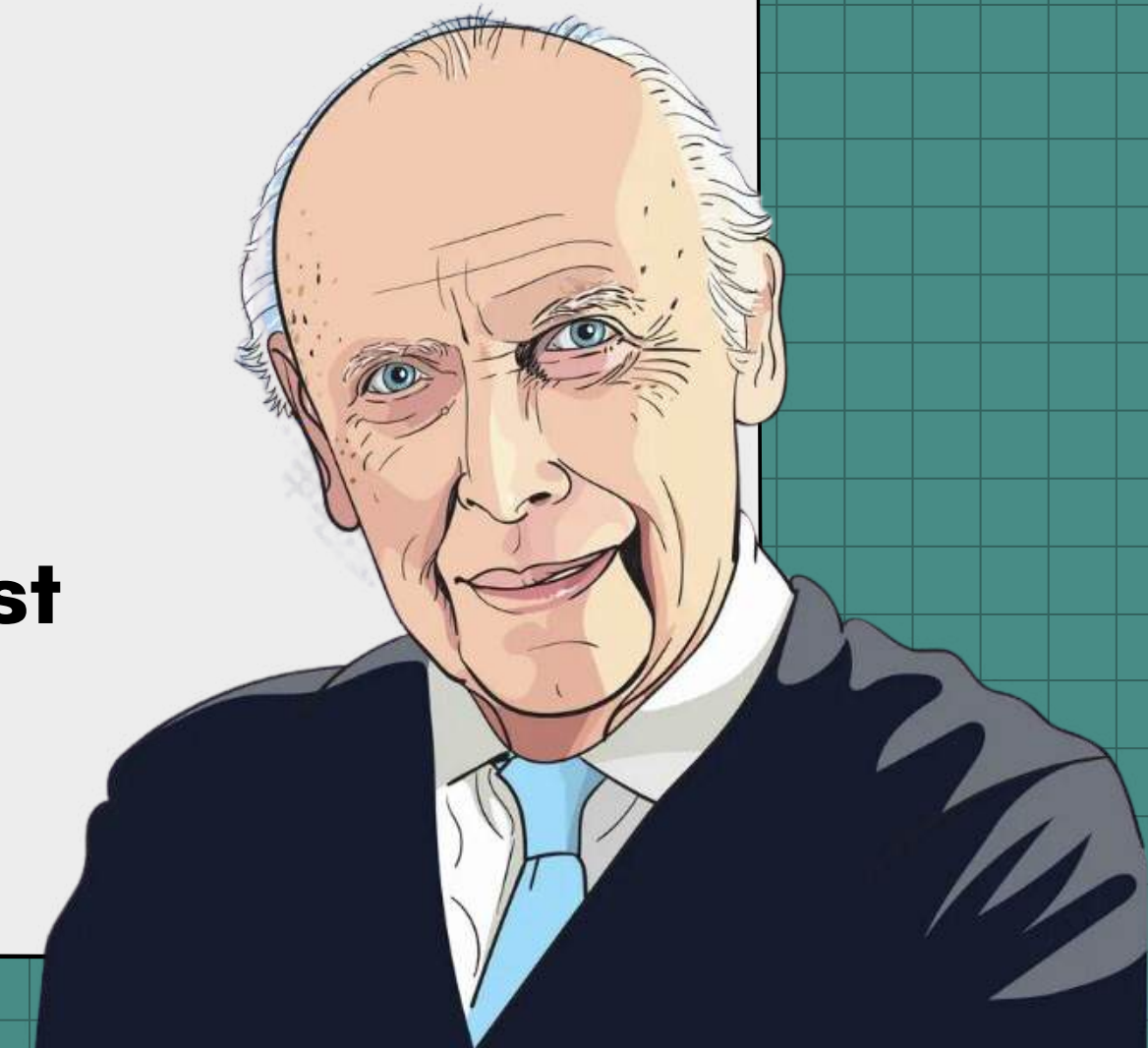


Why the name Watson

**Watson & Crick discovered the
DNA Double helix**

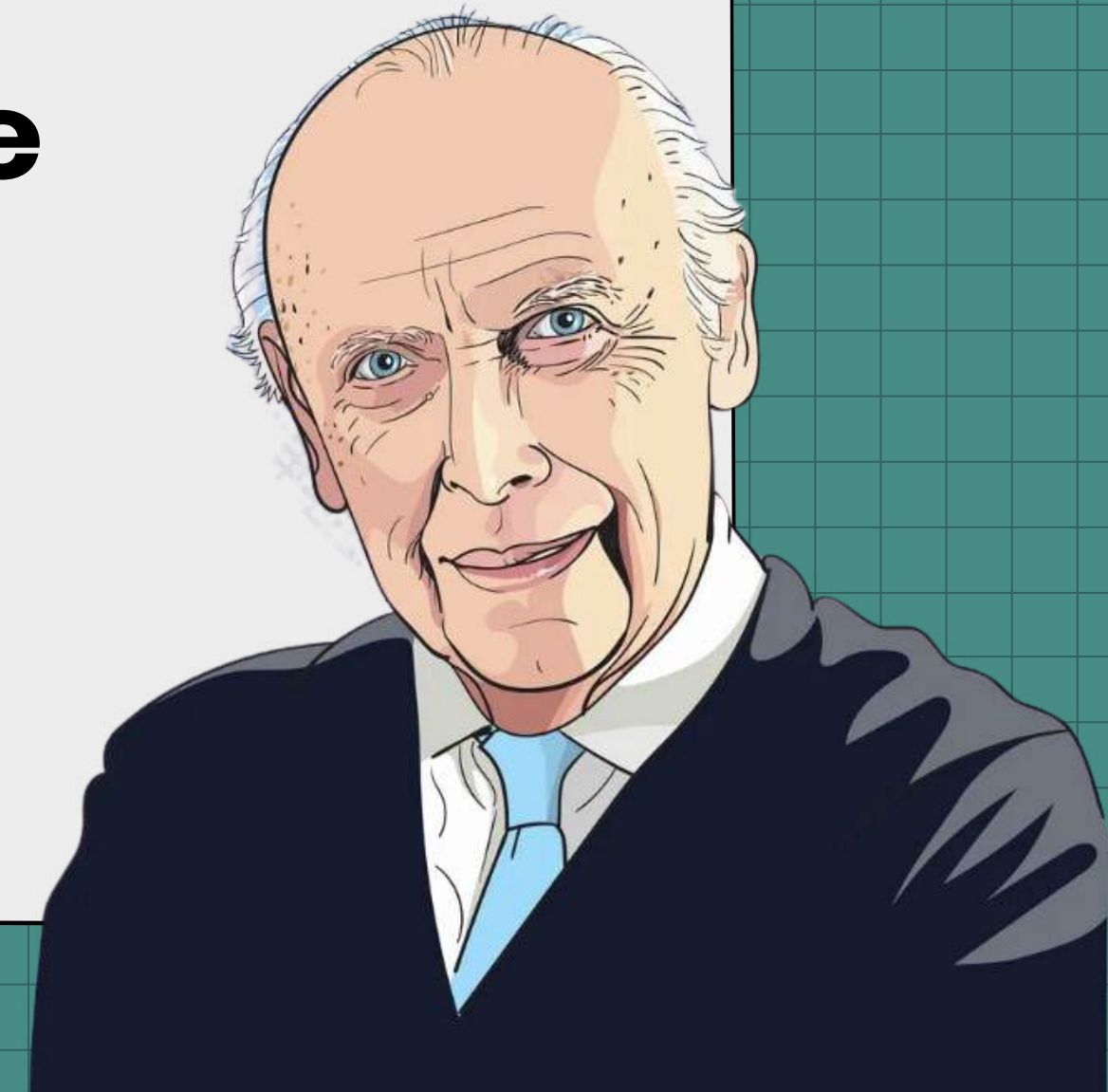


**We want to create Nobel Prize
winning Researchers from India just
like him and thats why the Name**

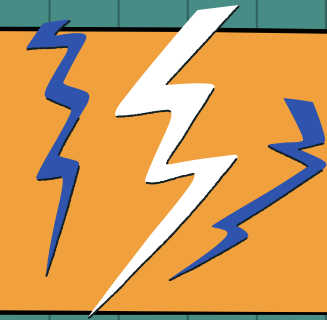


What IMPACT We want to Create

We want to **I**nvest in your **M**ind,
to help you **p**rogress
and bring **c**hange in the
society through
the use of **T**echnology



AIM of Watson IMPACT



**360 Degree
Researcher**



**International
Exposure**



**Successfull
Career in R&D**

SUCCESS



If you can Aim it, You can achieve it

Wait a Minute

**Isn't Scholarship all about
Money?**

Right But Wrong

Money Vs Skill Vs Knowledge

Money will get Spent

But

Skills & Applied Knowledge

Multiply

What will Stop you?

Your Doubts

Vs

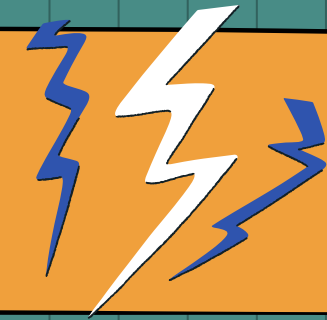
Your Dreams

The Reason you Pursued Science Degree

- To Succeed
- To get high paying Jobs
- To Pursue Phd from Top CSIR Lab or IISc
- To Future proof Yourself



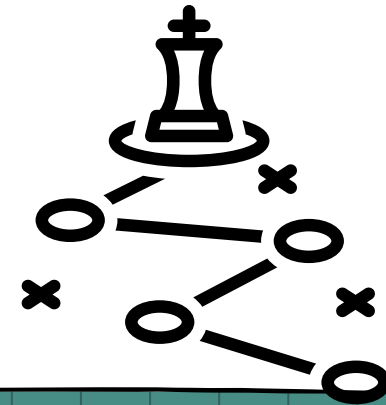
Your Success Receptipe



**Using
Technology**



**Enhancing
Strategy**



**Effort + Time
Investment**



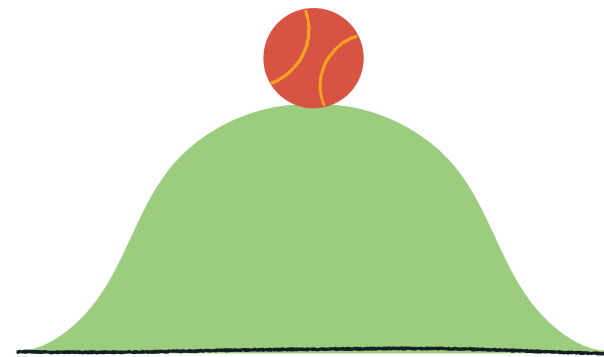
Success has a Recipe, Smart Students Reverse engineer it

Is Success a Luck thing?

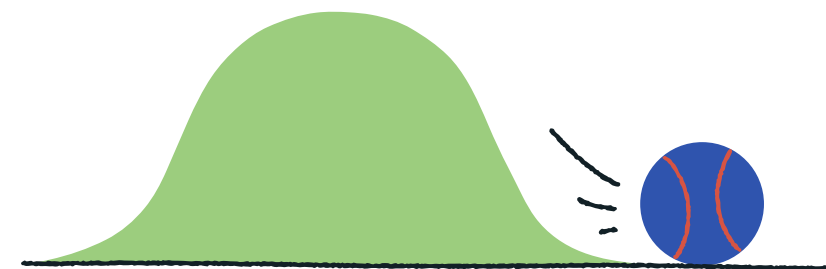
Chance always favours a Prepared Mind

Your Success is a result of Various
Factors

Potential energy or energy at rest.



Kinetic energy or energy in motion



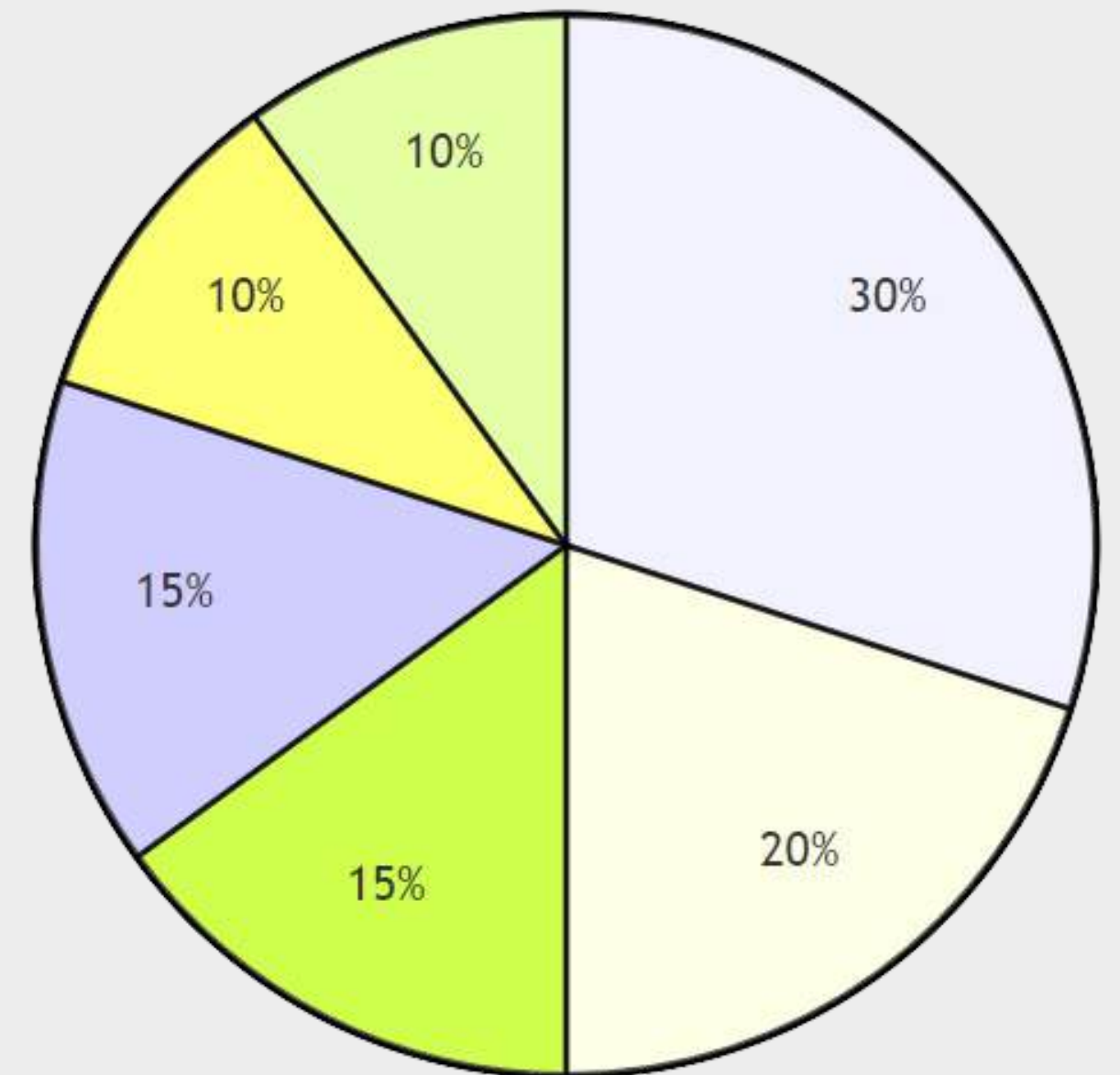
The Law of Failure in Science

- Losing Motivation Midway
- Listening to people who are inexperienced
- Becoming a Victim of self doubt
- Not trying Enough



What No one Gives you = Solutions

- Knowledge & Skills = 30%
- Degree & Entrance exams = 10%
- Networking, Recommendations & References = 20%
- Practical Exposure = 15%
- Creativity & Innovation = 15%
- Collaborative Research = 10%



Watson IMPACT Scholarship enables You

You win the Research World, One Milestone at a Time

Without WISE

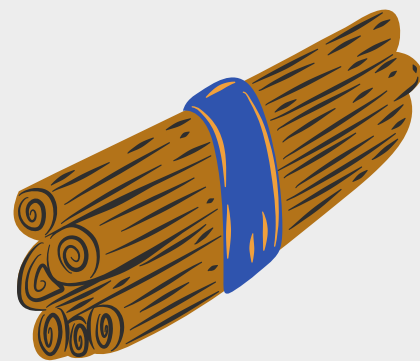


With Wise



Our Success Recipe

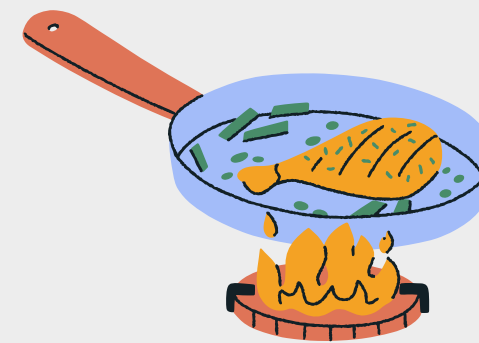
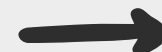
We Give you right conditions, Time, experienced Mentors and Guides



Your Talent is the
Fuel



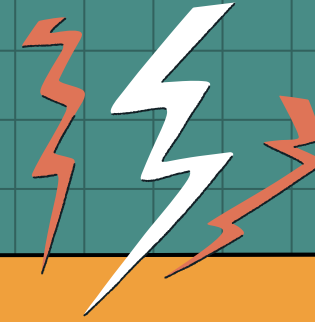
Mentorship is the
fire



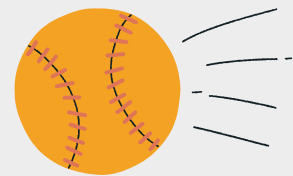
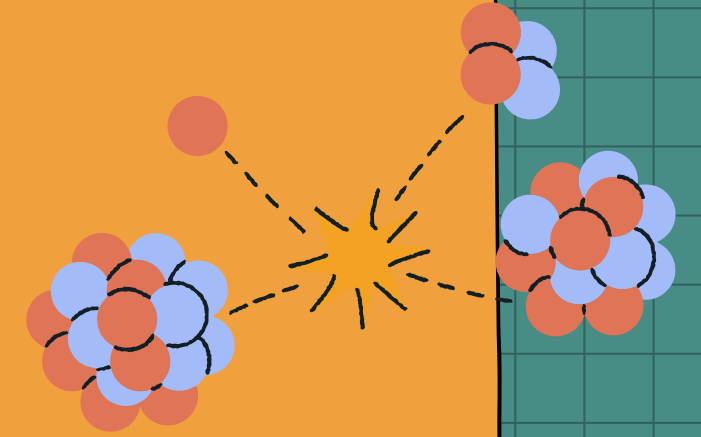
Watson
Scholarship is the
recipe



360 Degree
Complete
researcher



What's Included in Watson IMPACT Scholarship



For the First time in India, International Gold Standard of Research Career will be implemented





The Stipend



4 Selected Students will get a Bioinformatics or Science Journalism & Scientific Writing Internship with Stipend



The Coaching

CSIR NET
GATE
ICMR JRF
DBT BET

CUET
IIT JAM
GAT B

WHO WILL TEACH

Experienced Faculty

14 Full time Regular Faculties will train you for CSIR NET Life Sciences Exam

Personalized Attention

24X7 Chat Support + Whatsapp Support



ANIMATIKA ZONE



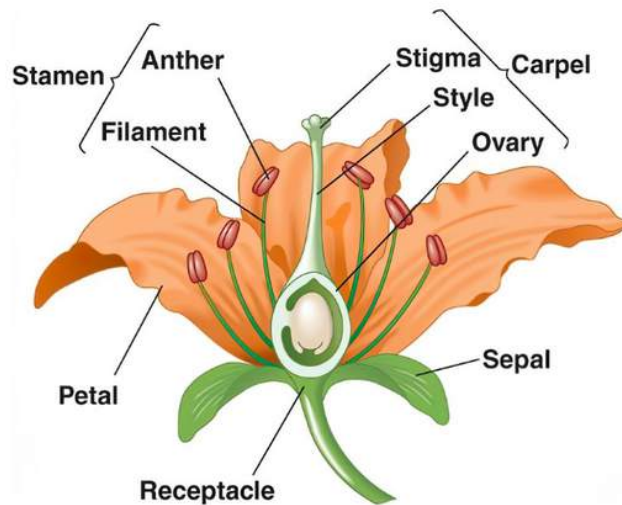
CONCEPT REVISION TOOLS

Revise Smarter, Recall Faster

- Konzept Notes
- Konzeptika Flowchart Books
- Konzept Mindmaps
- Konzept Cloud
- Konzept Table
- Konzept Wheel



Structure of flower



Parts of the flower

Sepals

- A sepal enclose and protect the flower bud
- it is green in colour more like as leaf type..

Petals

- petals are modified leaves surrounding the reproductive part of the flower
- they are brightly colored and unusually to attract pollinaters

Stamens

- The stamen is the pollen producing reproductive organ of the flower
- collectively stamens form androecium

Carpels

- The female reproductive organ of the flower
- consisting of an ovary, stigma and usually a style , it may occures in single or as group

DNA and Human Inheritance



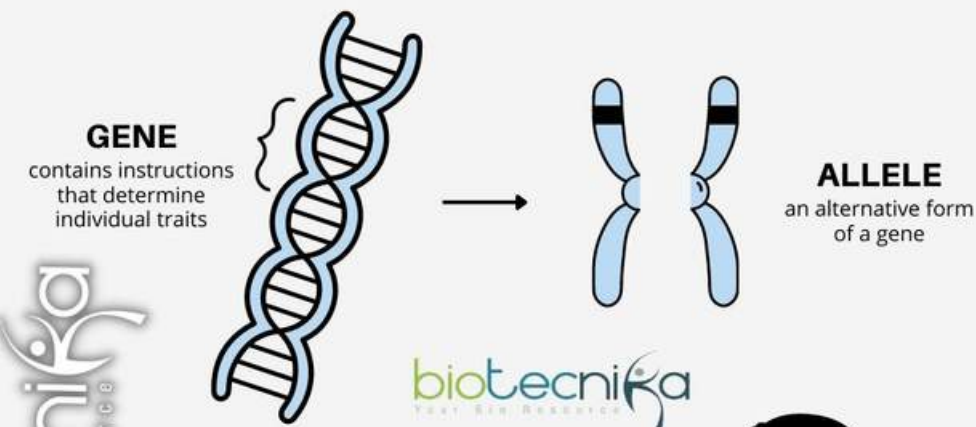
CELL
basic building block of living things



CHROMOSOME
bundles of tightly-coiled DNA found in the nucleus



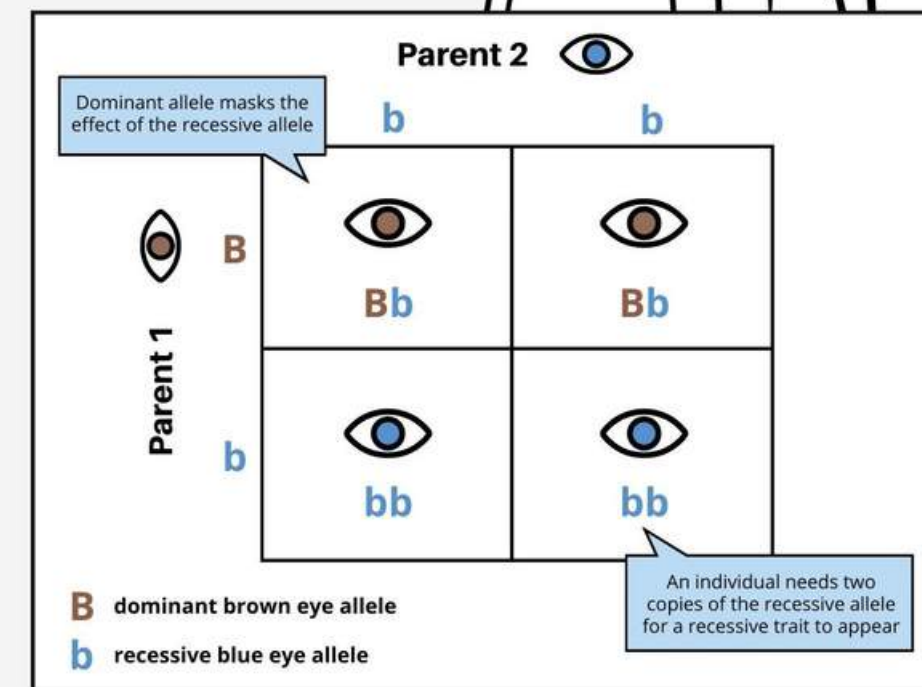
DNA
(deoxyribonucleic acid) contains the genetic code



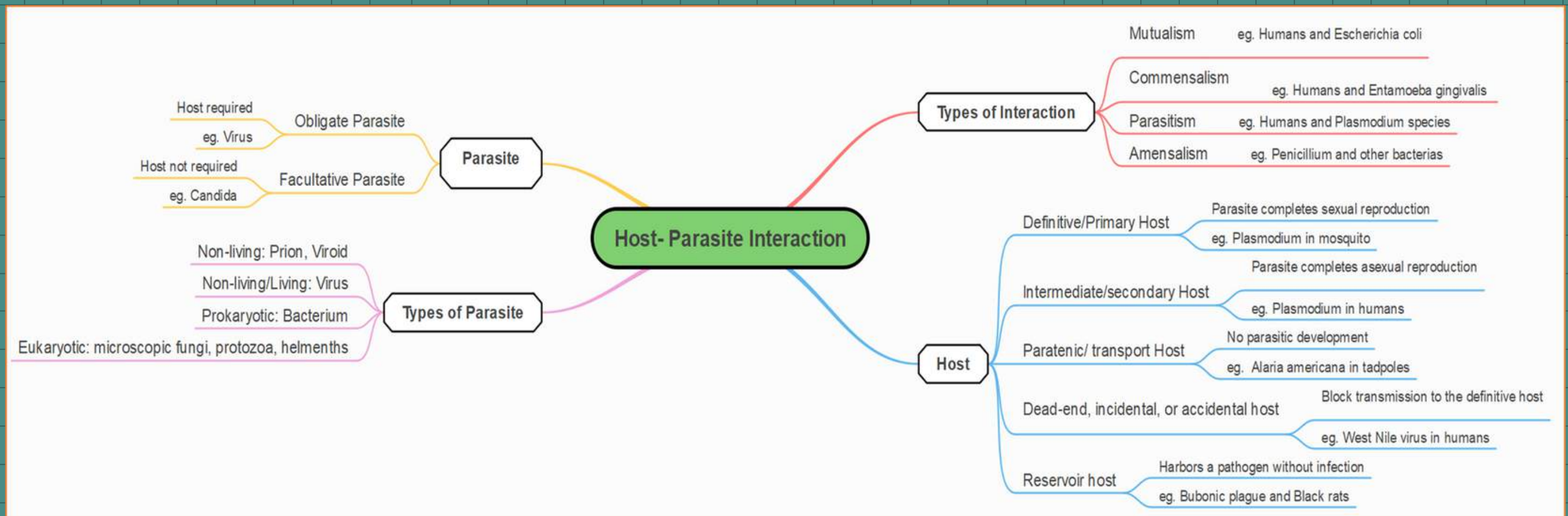
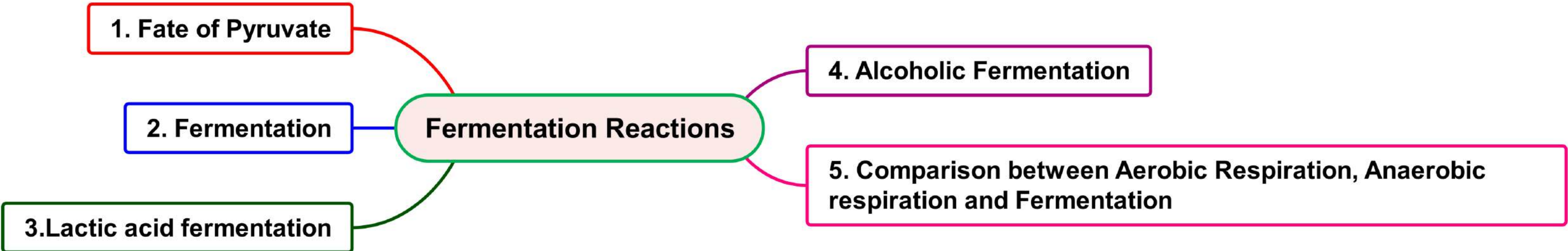
Individuals inherit two alleles—one from each parent



Dominant and Recessive Alleles



KONCEPT MIND MAPS



KONCEPT TABLE

DIFFERENCE BETWEEN GLYCOGENOLYSIS AND GLYCOGENESIS

GLYCOGENOLYSIS

Formation of glucose by breaking down glycogen molecules stored in the liver

Breakdown of glycogen to form glucose- 6-phosphate

No UTP required. End product G-6-P enters either gluconeogenesis or glycolysis

Hydrolytic process

Stimulated by glucagon and epinephrine signaling (glucagon becomes active when blood glucose level is low)

Stimulated by fasting, between meals physical exercise

Catalyzed by the enzyme glycogen phosphorylase

Glycogen phosphorylase gets activated

GLYCOGENESIS

Conversion of the excess glucose into glycogen for future usage

Conversion of glucose-6-phosphate into glycogen

UTP is required to transfer glucose into existing glycogen chain

Anabolic process

Process initiated by insulin signaling; (insulin becomes active when blood glucose level is high)

Stimulated in well fed state

Catalyzed by the enzyme glycogen synthase

Glycogen synthase gets activated upon

DIFFERENCE BETWEEN KREBS CYCLE AND GLYCOLYSIS

KREBS CYCLE

Series of chemical reactions in which pyruvate is converted to acetyl CoA and is completely oxidized into carbon dioxide and water

Second step of the cellular respiration

Occurs inside the mitochondria in eukaryotes

Occurs only in aerobic respiration

Cyclic process; common cycle for carbohydrates, amino acid and fat metabolism

End product is an inorganic carbon substance

Consumes no ATP

Produces 3 NADH molecules and 1 FADH₂ molecule in 1 cycle

GLYCOLYSIS

Series of chemical reactions in which a glucose molecule is converted into 2 pyruvic acid molecules

First step of the cellular respiration

Occurs in the cytoplasm

Common to both aerobic and anaerobic respiration

Linear process; exclusive for carbohydrate metabolism

End product is an organic substance

Consumes two ATP molecules

Produces 2 pyruvate, 2 molecules of ATP (NET) and 2 NADH molecules

KONCEPT CLOUD

UNIT 3

FUNDAMENTAL PROCESSES

biotecnika
Your Bio Resource

RELEASE FACTORS OF TRANSLATION
GENETIC DISEASES ASSOCIATED WITH DEFECTS IN REPAIR SYSTEM
tmRNA
SIGNIFICANCE OF IRES
TRANSLATIONAL PROOF-READING
TYPES OF GENE MUTATIONS
DNA POLYMERASES-TYPES
INHIBITORS OF REPLICATION
TELOMERE REPLICATION
AMES TEST
ELONGATION FACTORS OF TRANSLATION
TRANSLATIONAL INHIBITORS
MECHANISM OF DNA POLYMERASE
GENE SILENCING METHODS
MESELSON STAHL EXPERIMENT
CAUSES OF MUTATION
MECHANISM OF DNA LIGASE
SITE-SPECIFIC RECOMBINATION

KONCEPT WHEEL



SMART MOCK TESTS

Every Sunday and Monday

Cumulative Tests taken by AI

Personalized Feedback by Teachers



SMART REVISION BOT

Finish a Topic

Ask the Bot to ask questions from that

Topic from the csir net PYQs

Solve & Revise faster





The Internship

AI ML in Biology Internship

Bioinformatics Global Tools Internship

Coding for Biologist Training +
Internship

Molecular Biology Techniques Internship



Our Bio-IT Team



Dr Nilofer



Dr Dolly Sharma



Mr Prodyot



Dr Elamathi





Certification Course

4 Certification Course (of your choice) Worth Rs
6000/- Included in this Scholarship





24 Workshop

1 Year membership of Workshops Worth
Rs 9000/- included in Watson IMPACT
Scholarship





IISc & JNU Incubated Labs Hands on Training

15 Days Wet Lab Hands on Training Included
Any technique of your Choice, Any date of
your Choice
Inform 15 days in Advance to book the lab



Meet Your Global Mentors Network

120+ Experts = Your Air Traffic Control = International Exposure



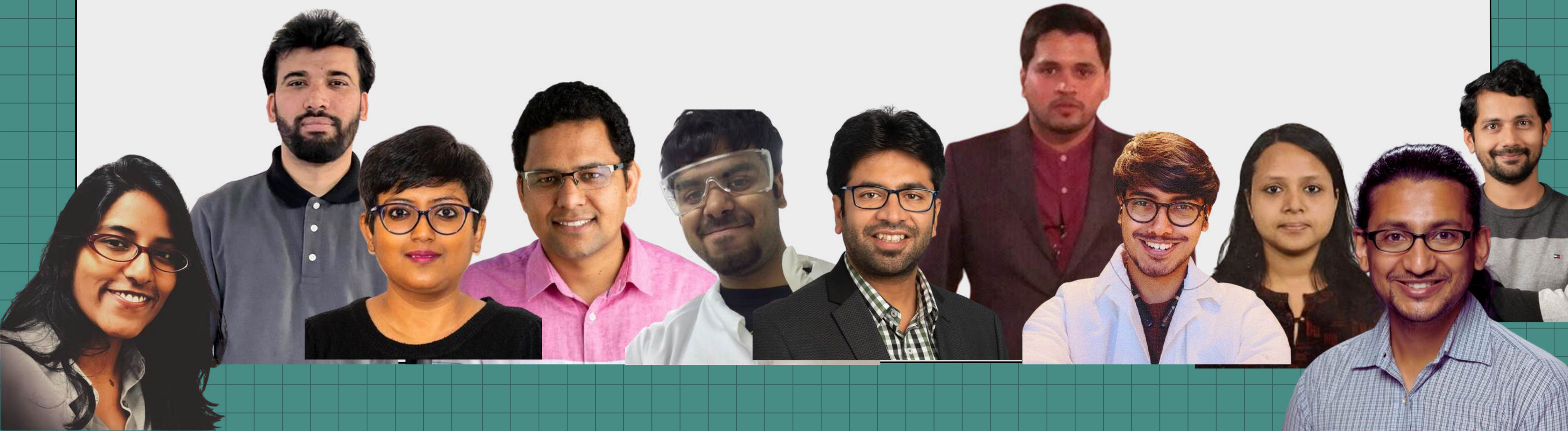
Who are They?

**Working in Foreign Biotech Companies, Research Labs, and Govt Labs
across the globe.**



Why International Exposure is Important?

Biggest Market of Biotech exists out of India, You can learn from the Top experts and strategize better





Paper Publication

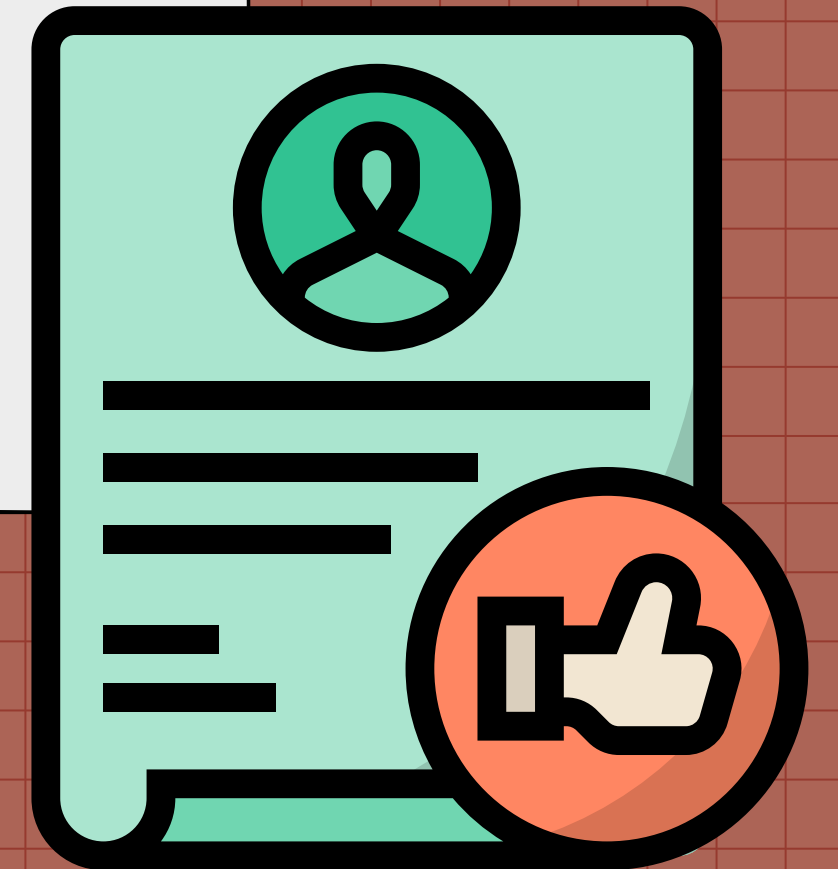
You can take help of Biotechnika's Team of Experts to Publish your Papers





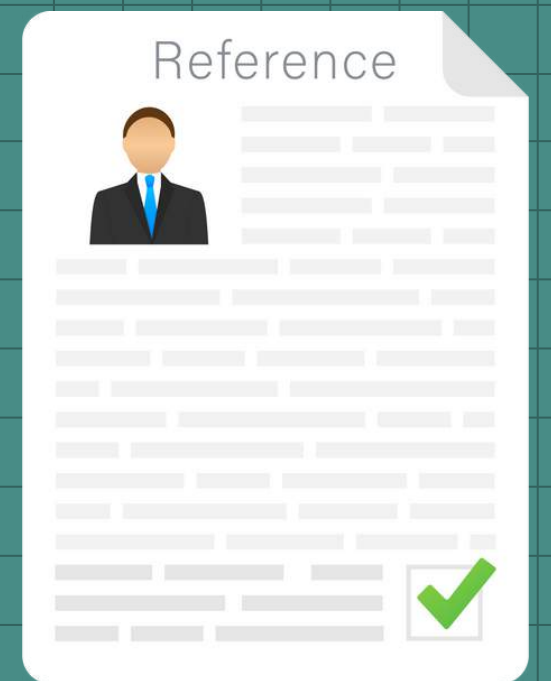
Recommendation Letter

All Meritorious Candidates will get 3
Letters of Recommendations from our
Team of Global Experts



3 Industry References

You will get 3 Relevant Industry References so that you can get Jobs faster





CV & Resume's Designing

CV & Resume Optimized as per the Latest gold standard of the Industry.

Design by experts, for the ATS



Study Material Hard Copy



Hard Copy Study Materials of CSIR NET,
GATE, Koncept Notes & Mindmaps
Included in Watson IMPACT Scholarship

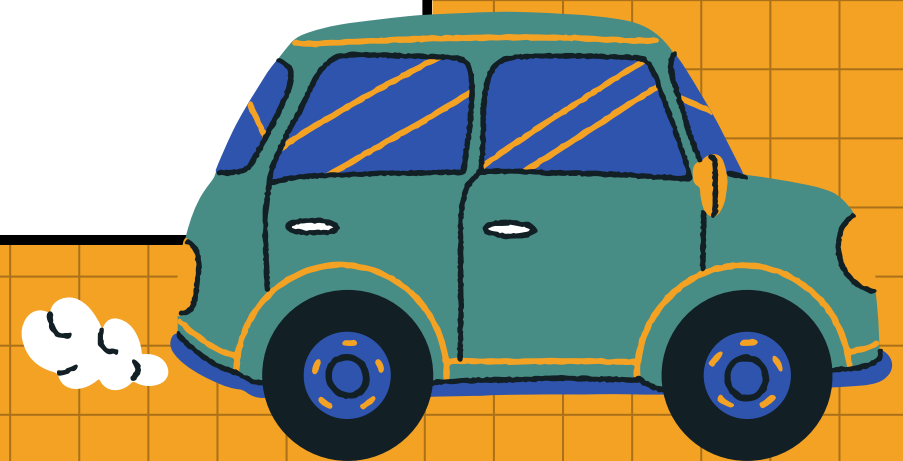
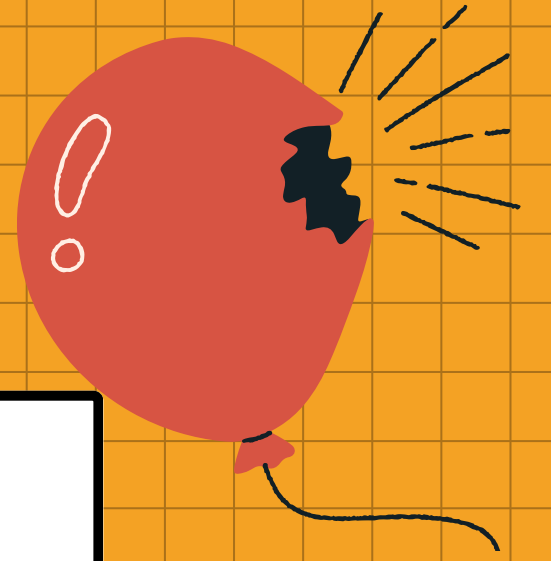


SCHOLARSHIP

Grab upto 100% Scholarship by filling the Form Below.

We Have 4 Slots of Scholarship:

- **100%**
- **80%**
- **50%**
- **25%**



**We all have 2 Choice:
To cry at the Bio-IT wave
or to Ride the Bio-IT Wave**

