IMPERIAL HERITAGE SCHOOL
SECTOR-102, GURUGRAM

SESSION 2025-26

HOLIDAY HOMEWORK

GRADE XI-COMMERCE

GRADE XI-COMMERCE HOLIDAY HOMEWORK

"Learning doesn't take a break, and neither should our curiosity."

Dear Parents,
Greetings!

At Imperial Heritage School, we believe in nurturing young minds not just during the academic session, but beyond the classroom as well. Holiday homework plays a **pivotal role** in reinforcing classroom learning while encouraging independent exploration. It offers students the chance to engage with subjects at their own pace and reflect creatively on what they've learned.

🌿 Why Holiday Homework?

- To maintain continuity in the learning process.
- To apply concepts in real-life scenarios.
- To encourage responsibility, time management, and creativity.
- To foster research, problem-solving, and critical thinking skills.

📂 **Project-Based Learning** Each task or project has been designed in alignment with the **CBSE curriculum framework and guidelines**, ensuring relevance, engagement, and developmental appropriateness. These projects aim to promote a hands-on, practical approach that bridges theory with real-world applications.

📝 Evaluation Criteria (Rubrics)

Each subject's Holiday Homework will be evaluated as part of the **Internal Assessment**, based on the following parameters:

Content	Presentation	Relevance	Creativity	Originality	On time Submission

Smart Tips for Completing Your Holiday Homework

📌 Be Original

Let your work reflect your own thoughts and creativity. Avoid copying—originality always stands out!

📌 Plan Your Time Wisely

Divide your work across the holiday period to avoid last-minute stress. A little work each day goes a long way!

📌 Read Instructions Carefully

Each subject has specific guidelines. Go through them thoroughly before beginning.

📌 Neatness Matters

Good handwriting leaves a lasting impression. Ensure your work is clean, well-organized, and legible.

📌 Creativity Counts

Add a personal and creative touch to your presentations—be it through design, layout, or illustrations.

📌 **Leisure Reading is a Must**
Take time to read books of your choice. Reading enhances imagination, vocabulary, and comprehension skills.

📌 **Practice Math Daily**
Math requires consistency. Set aside time each day to revise concepts and solve problems—practice makes perfect!

📌 **Parental Guidance Only**
Parents are encouraged to guide, not complete, the assignments. Let students take the lead in their learning.
Outside help will not be accepted and will be given zero.

📌 **Focus on Quality**
Aim for meaningful and well-researched content. Quality is more important than quantity.

📌 **Remember the Assessment**
Holiday Homework is part of **Subject Enrichment Activities** and will be evaluated as per the defined rubrics.

Let Curiosity Lead the Way
An inspirational poem for our learners:

"Learning Beyond the Bell"

When the school doors close and bells go mute,
Let not your books sit still or roots take root.
For in the pause, a spark may rise,
To chase new thoughts, to question why.

A walk through pages, a curious glance,
A project that gives your mind a chance—
To think, to build, to dream and do,
To craft a world from a different view.

With pencil, paint, or words you write,
You shape your learning, spark your light.
So take this time and make it shine—
For growth and joy can intertwine. 🌟

Submission Date: 7th July, 2025
Submission Date: 7th July, 2025
Note: No work will be accepted after the said date.

We look forward to seeing the wonderful work our students will create. Let this break be a time to explore, express, and evolve.
Wishing all of you a very joyful, safe and fun packed summer break. Happy Holidays!

Best Regards
Ms. Neelu Sharma
Principal



ENGLISH

CBSE ASL BASED PROJECT

Topic - "Built by courage. Forged by resilience."

Integrated Chapter - We Are Not Afraid To Die If We Can All Be Together (Hornbill)

Objective - Creating a project on the topic provides an opportunity to inspire and cultivate the qualities of courage and resilience, empowering students to face challenges, overcome adversity, and thrive through change. Here's a project outline:



Students will listen to podcasts/ interviews/radio or TV documentaries on the given topic and do a thorough research on the same. Prepare a report including surveys, statistical data, graphs etc countering or agreeing with the speakers in 800 to 1000 words and submit.

Your project file should contain the following details:

1: Cover page
- Prepare a creative cover page giving relevant details of your project.

2: Index
- Make 3 columns – Serial no, topic, page no.

3: Statement of Purpose
- Write down at least five objectives of the given project.

4: Acknowledgement
- Sample to be provided by the teacher.

5: Certificate of Completion
- Sample to be provided by the teacher.

6: Action Plan
- Sample to be provided by the teacher.

7: Materials Used
- List down all the materials used by you in making the project.

8: Report
- Report to be written in approx.1000 words.

9: Student Reflections
- Share your views/conclusion on the given topic and write the learning outcomes.

10: Evidence of your report

- Photographs and other pieces of evidence of the research to be pasted.

11: Bibliography

- Pen down the sources from where the information was accessed.

Note:

1. Make a file of your choice with A4-size sheets only.
2. Sheets can be colourful or plain.
3. Presentation should be neat.
4. The Project must showcase your creativity.
5. Student findings should be his/her original work.

SUGGESTED READING

'The Invisible Man' by H.G. Wells is a long reading text prescribed by CBSE for extensive study. Please find the link below for online reading. Write the summary of the novel in 120- 150 words and present it creatively with an illustration. Happy Reading!

https://cbseacademic.nic.in/web_material/doc/novels/2_The%20Invisible%20Man,%20by%20H.%20G%20-%20Class%20-%20XII.pdf



ECONOMICS



Project (Option One): What's Going Around Us

The purpose of this project is to –

- Enable the student to understand the scope and repercussions of various Economic events and happenings taking place around the country and the world. (eg. The Dynamics of the Goods & Services Tax and likely impacts on the Indian Economy or the Economics behind the Demonetisation of 500 and 1000 Rupee Notes and the Short Run and Long Run impact on the Indian Economy or The impact of BREXIT from the European Union etc.)
- Provide an opportunity to the learner to develop economic reasoning and acquire analytical skills to observe and understand the economic events.
- Make students aware about the different economic developments taking place in the country and across the world.

- Develop the understanding that there can be more than one view on any economic issue and to develop the skill to argue logically with reasoning.
- Compare the efficacy of economic policies and their respective implementations in real world situations and analyse the impact of Economic Policies on the lives of common people.
- Provide an opportunity to the learner to explore various economic issues both from his/her day to day life and also issues which are of broader perspective.

Scope of the project: Student may work upon the following lines:

- Introduction
- Details of the topic
- Pros and Cons of the economic event/happening
- Major criticism related to the topic (if any)
- Students' own views/perception/ opinion and learning from the work
- Conducting survey and presenting the same in form of diagrams
- Any other valid idea as per the perceived notion of the student who is actually working and presenting the Project-Work.

Suggestive List

1. Micro and small scale industries
2. Food supply channel in India
3. Contemporary employment situation in India
4. Disinvestment policy
5. Health expenditure (of any state)
6. Goods and Services Tax Act
7. Inclusive growth strategy
8. Human Development Index
9. Self help groups
10. Any other topic

II. Project (Option Two): Analyse any concept from the syllabus The purpose of this project is to –

- Develop interest of the students in the concepts of Economic theory and application of the concept to real life situations.
- Provide opportunity to the learners to develop economic reasoning vis-a-vis the given concept from the syllabus.
- Enable the students to understand abstract ideas, exercise the power of thinking and to develop his/her own perception
- To develop the understanding that there can be more than one view on any economic issue and to develop the skill to argue logically with reasoning
- Compare the efficacy of economic policies in real world situations
- To expose the student to the rigour of the discipline of economics in a systematic way
- Impact of Economic Theory/ Principles and concepts on the lives of common people

Scope of the project:

Following essentials are required to be fulfilled in the project.

Explanation of the concept:

- Meaning and Definition
- Application of the concept
- Diagrammatic Explanation (if any)
- Numerical Explanation related to the concept etc. (if any)
- Students' own views/perception/ opinion and learning from the topic..

Suggested List

- Price Determination
- Price Discrimination
- Opportunity Cost
- Production Possibility Curve
- Demand and its determinants
- Supply and its determinants
- Production – Returns to a Factor
- Cost function and Cost Curves
- Monopoly · Oligopoly
- Monopolistic Competition

Mode of presentation and submission of the Project: At the end of the stipulated term, each student will present the work in the Project File (with viva voce) to the examiner.

ACCOUNTANCY

Objectives:



1. To familiarize students with new and emerging areas in the preparation and presentation of financial statements.
2. To acquaint students with basic accounting concepts and accounting standards.
3. To develop the skills of designing a need based accounting database.
4. To appreciate the role of ICT in business operations.
5. To develop an understanding about recording of business transactions and preparation of Financial statements.
6. To enable students with accounting for Not-for-Profit organizations, accounting for Partnership Firms and company accounts.

Students can choose any one topic for their project work from the following.

1. Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers.
2. Preparation of Bank Reconciliation Statement with the given cash book and the pass book with twenty to twenty-five transactions.
3. Comprehensive project of any sole proprietorship business. This may state with journal entries and prepare their ledger, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet.

Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST related transactions.

The students can select a business from the given list.

1. A coffee shop
2. A cake shop
3. An ice cream parlour
4. A small restaurant
5. A sweet shop
6. A flower shop
7. A grocery shop
8. A stationery shop
9. A shoe shop

After selection, student(s) visit a shop in the locality, and would be able to see the things as they need to invest in furniture, decor, lights, machines, computers etc.

A suggested list of different items is given below.

1. Rent
2. Wages and Salary
3. Advance rent [approximately three months]
4. Newspaper and magazines
5. Electricity deposit
6. Petty expenses
7. Electricity bill
8. Tea expenses
9. Electricity fitting
10. Packaging expenses
11. Water bill
12. Transport
13. Water connection security deposit
14. Delivery cycle or a vehicle purchased
15. Water fittings
16. Registration
17. Telephone bill
18. Insurance
19. Telephone security deposit
20. Auditors fee
21. Telephone instrument
22. Repairs & Maintenance
23. Furniture
24. Depreciation
25. Computers
26. Air conditioners
27. Internet connection
28. Fans and lights
29. Stationery
30. Interior decorations
31. Advertisements
32. Refrigerators
33. Glow sign
34. Purchase and sales
35. Rates and Taxes

In the next step the students are expected to prepare the trial balance and the financial statements.

Guidelines for Presentation of Project Report

1. The total length of the project will be 25 to 30 pages.
2. The project should be handwritten.
3. The project should be presented in a neat folder.
4. The project report should be developed in the following sequence:
    - Cover page should include the title of the Project, student information, school and year.
    - List of contents.
    - Acknowledgement and preface (acknowledging the institution, the places visited and the persons who have helped).
    - Introduction. Topic with suitable heading.
    - Planning and activities done during the project, if any.
    - Observations and findings from any organisation.
    - Conclusions (summarized suggestions or findings, future scope of study).
    - Photographs (if any).
    - Appendix

Marking Scheme:

S. No	Heading	Marks Allotted
1	Relevance of the topic	3
2	Knowledge Content/Research Work	6
3	Presentation Technique	3
4	Viva-voce	8
	Total	20 Marks

PSYCHOLOGY

I. Assignment 1: Prepare a project report on any one of the following five suggested topics.



1. Title: Understanding Stress: Exploring Causes, Effects, and Coping Strategies

(survey and interview)

2. Title: Exploring the Stages of Human Development (**descriptive research**,

possibly supported by **case study**, **interview**, or **observational methods**)

3. Title: Exploring Psychological Themes in "**“The Father” (2020)**

Directed by: Florian Zeller (PSYCHOLOGICAL MOVIE ANALYSIS)

4. Memory in a Digital Age: Are We Outsourcing Our Brain to Google? (survey method)

5. Gamified Learning: Do Educational Games Improve Motivation? (Experiment and Observation)

IMPORTANT GUIDELINES FOR WRITING THE PROJECT

- Students should use simple and good English while writing the report.
- The problem and objectives should be specific and clearly stated.
- The report should be in about 30-40 pages minimum.

The following should be included in the Project Report in the same sequence as given below:

1. **Title page**: The Title of the report in block capitals, properly centered.

   Full name of the candidate in capital letters

   Name of the Institute, Year of Submission

2. **Acknowledgment**- to all those who have helped the student complete the project.
3. **Certificate** from the guide.
4. **Table of contents**, chapter wise with the appropriate page numbers.
5. **Actual project content** following the format uploaded on ERP.
6. **Bibliography**-It is important for students to list the Books.

RUBRICS FOR THE PROJECT FILE (05 MARKS)

1. **Content Knowledge**	1 Mark
2. **Research Skills**	1 Mark
3. **Critical Thinking**	1 Mark
4. **Organization and Presentation**	1 Mark
5. Creativity and Originality	1 Mark
TOTAL	**5 Marks**

SOCIOLOGY



Objectives:

- To understand key sociological concepts such as social stratification, social institutions, and cultural norms.
- To analyze real-world issues (e.g., unemployment, gender stereotyping, youth culture) through a sociological lens.
- To develop critical thinking skills by questioning assumptions and exploring multiple perspectives on social issues.
- To enhance research abilities through data collection, interpretation of secondary sources, and hypothesis formulation.
- To apply theoretical knowledge to current social phenomena, demonstrating the relevance of sociology in everyday life.
- To improve written communication by organizing ideas logically and presenting them clearly in a structured project file.
- To identify and evaluate reliable sources of information for academic research.
- To strengthen visual presentation skills using mind maps, timelines, charts, and images to support analysis.

- To encourage ethical awareness and sensitivity to social diversity, inequality, and justice.
- To foster independent learning and time management by completing a self-directed research project over the holidays.

CBSE Project

To prepare a project of 30-35 pages on **any one** topic from the following list:

1. Impact of Social Media on Youth: A Sociological Perspective
2. Effects of Social Inequality on Society and Its Institutions
3. Socialization of Girls and Boys in Contemporary India: A Gendered Analysis
4. The Social Impact of Virtual Communication During the COVID-19 Pandemic
5. Deviant Behavior in Society: Causes, Types, and Functions
6. Developing Sociological Imagination: Understanding the Bigger Picture
7. Patriarchal or Egalitarian? A Sociological Study of Contemporary Indian Society
8. Poverty in India: A Persistent Sociological Problem
9. The Role of Social Institutions in Shaping Social Behavior
10. The Concept of Social Stratification: Understanding Class and Caste in India

Steps involved in the conduct of the project:

1. Selection of Topic or Title
2. Rationale and Objectives of the Study
3. Formulation of Hypothesis
4. Content Development: Timelines, Mind Maps, Visuals, etc.
5. Organization of Material and Data
6. Presentation of Material and Data
7. Analysis and Interpretation of Data
8. Conclusion and Summary of Findings
9. Bibliography and References

Checklist for the project work:

- Introduction of topic/title
- Identifying the causes, events, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified
- Short-term and long-term implications of strategies suggested during research
- Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file
- Presentation and writing that is succinct and coherent in project file
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

Assessment of project work

Assessment Rubrics	**Marks**
Introduction	2
Statement of Purpose	2
Research Question	2

Assessment Rubrics	Marks
Methodology	3
Data Analysis	4
External/ Internal Viva based on the project	5
Total	**20**

PHYSICAL EDUCATION

The students are supposed to make a project file as per the details given below.

Instructions:

This project needs to be on one-sided ruled paper and the other side of the plain paper, A4 size. White or coloured sheets.

- These need to be compiled in a single file of at least 35-40 pages with spiral binding.
- The cover page/first page of the practical file should be printed in a design of your choice.
- Keep it colourful but not too flashy - clean and professional looks best.

First page: Cover page of the project:

- Title (like "Physical Education Practical File-048)
- Session (academic year)
- School Name
- Your Name
- Class and Section
- Roll No. (Class XI student write class roll no only)

Second page: Index

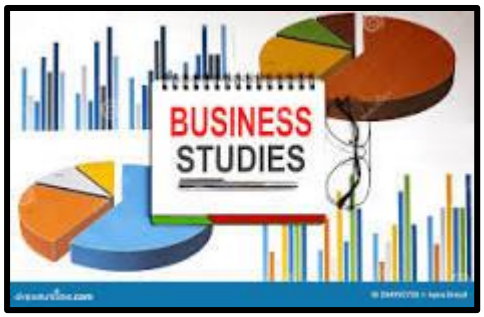
Third Page: Acknowledgement

Last Page: Conclusion, Bibliography and Certificate

Inside the file Topic:

- Write all fitness test administrations with details, including pictures (SAI Khelo India test/H.P.E. Tests)
- Write the procedure for Asanas, Benefits. And contraindications for any two Asanas for each lifestyle disease with picture or stick diagram (2x5=10, At least 10).
- Write to anyone, the IOA (Indian Olympic Association), sports/games of your choice. Labelled diagram of field and equipment. Also, mention its rules, terminologies and skills.

BUSINESS STUDIES



Suggestive List of Projects (Pick up any one of the following and research on the same.)

I. Project One: Field Visit

1. Visit a Departmental Store.

OR

2. Visit a Mall.

1. Visit a Departmental Store- You are required to observe the following:

a) Different departments and their layout.

b) Nature of products offered for sale.

c) Display of fresh arrivals.

d) Promotional campaigns.

e) Spaces and advertisements.

f) Assistance by Sales Personnel.

g) Billing counter at the store – Cash, Credit Card/ Debit Card, swipe facility. Added attractions and facilities at the counter.

h) Additional facilities offered to customers.

i) Any other relevant aspect.

2. Visit a Mall- You are required to observe the following:

a) Number of floors, shops occupied and unoccupied.

b) Nature of shops, their ownership status

c) Nature of goods dealt in: local brands, international brands,

d) Service business shops- spas, gyms, saloons, etc.

e) Rented spaces, owned spaces,

f) Different types of promotional schemes.

g) Most visited shops.

h) Special attractions of the Mall- Food court, Gaming zone, Cinema, etc.

i) Innovative facilities.

j) Parking facilities.

II - Project Two: Case Study of a Product

1. Take a product having seasonal growth and regular demand. For example,

➢ Apples from Kashmir

OR

➢ Oranges from Nagpur

Develop a Case Study on the following lines:

(i) Research for change in the price of the product. For example, apples in Himachal Pradesh during plucking and non-plucking seasons.

(ii) Effect on prices in the absence of an effective transport system.

(iii) Effect on prices in the absence of suitable warehouse facilities.

(iv) Duties performed by the warehouses.

(v) Demand and supply situation of the product during harvesting season, prices near the place of origin and away.

The research can include the importance of producing and selling these products and their processed items along with the roles of Transport, Warehousing, Advertising, Banking, Insurance, Packaging, Wholesale selling, Retailing, Cooperative farming, Cooperative marketing, etc.

III - Project Three: Aids to Trade

Taking any one AID TO TRADE, for Example Insurance, and gathering information on the following aspects:

1) History of Insurance Lloyd's contribution.

2) Development of regulatory mechanisms.

3) Insurance Companies in India

4) Principles of Insurance.

5) Types of Insurance.

6) Importance of Insurance to businessmen.

7) Benefits of crop, orchards, animal, and poultry insurance to the farmers.

8) Terminologies used (premium, face value, market value, maturity value, surrender value) and their meanings.

9) Anecdotes and interesting cases of insurance. Reference of films depicting people committing fraudulent acts with insurance companies.

10) Careers in Insurance.

IV- Project Four: Import/Export Procedure

Anyone from the following:

1. Import procedure

OR

2. Export procedure

You need to identify a product of your city/country that is imported /exported. You are required to find the details of the actual import/export procedure. You may take help from the Chambers of Commerce, bankers, existing Importers/Exporters, etc. You should find details of the procedure. The specimens of documents collected should be pasted in the Project file with a brief description of each. You may also visit railway godown /dockyards / transport agencies and may collect pictures of the same.

Guidelines for Presentation of Project Report

1. The total length of the project will be 25 to 30 pages.

2. The project should be handwritten.

3. The project should be presented in a neat folder.

4. The project report should be developed in the following sequence:

- ➢ Cover page should include the title of the Project, student information, school and year.
- ➢ List of contents.
- ➢ Acknowledgement and preface (acknowledging the institution, the places visited and the persons who have helped).
- ➢ Introduction. Topic with suitable heading.
- ➢ Planning and activities done during the project, if any.
- ➢ Observations and findings of the visit.
- ➢ Conclusions (summarized suggestions or findings, future scope of study).
- ➢ Photographs (if any).
- ➢ Appendix.

MATHEMATICS

PART A - Write the following Math activities in your Practical file.

1. Find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n.
2. Verify that for two sets A and B, n(A x B) = pq and the total number of relations from A to B is 2^{pq}, where n(A) = p and n(B) = q.
3. Verify the relation between the degree measure and the radian measure of an angle.

PART B - Attempt the following projects as per the allotment. (USE A4 size sheets).

1. Set Theory - Represent following set theoretic operations using Venn Diagram.

$$A \cup B, \quad A \cap B, \quad A', \quad A - B, \quad (A \cap B)', \quad (A \cup B)', \quad A \cap B = \phi, \quad A' \cup B$$

2. Relations and Functions – Draw the graphs of the following functions.
   - Identity Function
   - Modulus Function
   - Greatest Integer Function
   - Signum Function

3. Trigonometric Functions: Plot the graphs of sin x, sin 2x, 2sinx and sin (x/2) , using same coordinate axes.

Guidelines to be followed for the project:

i) Cover page
ii) Title
iii) Definition and types
iv) Objectives
iv) Represent with graphs and pictures.

Project Name	**Name of the student**
1.Set Theory	Daksh, Kanika, Jay
2.Relations and Functions	Yash, Jas, Devansh, Rigved
3.Trigonometric Functions	Vedansh, Ranita, Soumya

PART C

1. Do all examples of Chapters 1, 2 and 3.
2. Do 20 questions daily of chapters 1, 2 & 3 from NCERT Exemplar and other reference books.

ARTIFICIAL INTELIGENCE

1) **Practical File Note: The following to be included in the Practical File (You can use MS Word for your documentation).**



• One certification (IBM Skills Build (any of the courses listed above) /any other industry certification)
• At least one activity from each unit
• One participation certificate of bootcamp/internship

These are Unit-wise sample activities for Practical file given as below:

(a) Categorize the given applications into the three domains as given on pg. 5 of the Students Handbook.
(b) Identify ten companies currently hiring employees for in specific AI positions.
(c) Note down the technical skills and soft skills listed by any two companies for the specific AI position.
(d) Python programs using operators, data types, control statements (Level 1)
(e) Python programs on NumPy, Pandas, Scikit-learn (Level 2)
(f) Create an empathy map for a given scenario.

(g) Project Abstract Creation Using Design Thinking Framework.
(h) Python programs to demonstrate the use of mean, median, mode, standard deviation and variance.
(i) Python programs to visualise the line graph, bar graph, histogram, scatter graph and pie chart using matplotlib.
(j) Calculation of Pearson's correlation coefficient in MS – Excel.
(k) Demonstration of Linear regression in MS – Excel.
(l) Create a chatbot on ordering ice-creams using any of the following platforms:
    a. Google Dialogflow
    b. Botsify.com
    c. Botpress.com
    d. Any other online platform
(m) Summarize your insights and interpretations from the video "Humans need not apply."
(n) Comparative study of AI policies (that involve examining guidelines and principles) established by various organizations and regulatory bodies.
(o) Understanding ethical dilemma using
    Moral machine
    Survival of the best fit

2) **Capstone Project:**
Create an AI Project Cycle Booklet for an AI model based on any one or more SDGs. Find the solution and make the Problem Statement Template for the same.

Guidelines:

- The Project File should contain proper cover page and Index. (You can use MS Word for the your documentation).
- **Note:** Prepare for the project: Define the problem (SDG aligned); Understand your users; Brainstorm the solution; Design your solution; stages must be completed in the project documentation. Project Documentation (As per the process given in "Project Guidelines", on page 2 of CBSE IBM Projects Cookbook- https://cbseacademic.nic.in/web_material/Curriculum25/publication/srsec/843_AI_Projects_Cookbook.pdf

Assessment Rubrics:

For Project Work

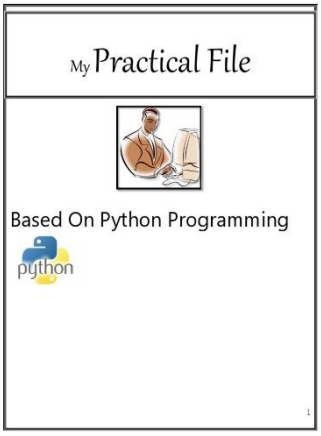
- Topic of the project
- Innovation: Degree of originality and creativity in the proposed AI solution.
- Problem Relevance : Clarity of idea and significance of the problem addressed by the AI solution.

COMPUTER SCIENCE

1. Start making your AI Practical File for Term-1. The practical file should contain min 10 practical questions and max 15 questions.
   Guidelines:

   - The Practical File should contain proper cover page and Index. (You can use MS Word for your documentation and later print in spiral binding).

2. Daily practice 5 programs of Python and maintain a word doc for the same and to be uploaded on MS Teams.



"A little more persistence, a little more effort and what seemed hopeless failure may turn to glorious success."
—Elbert Hubbard