



Information Science and Engineering

Report on Python Mini Project Exhibition

Date: 16th June 2025

Venue: ISE Lab 4

Course: Introduction to Python Programming (BPLCK205B)

Organized by: Mrs. Thara K L, Assistant Professor, ISE Department

Participants: 2nd Semester Students

In the second semester of engineering, a **mini project** is introduced to help students apply the basic programming and technical concepts they have learned in their coursework. It is a beginner-level project that encourages students to think logically, solve simple problems, and develop working models or applications using programming languages like Python.

The mini project gives students their first exposure to real-world project development. At this stage, the focus is on understanding the **problem-solving process**, writing clean code, working in teams, and presenting the project in a structured way. Projects are usually small and simple, such as calculators, games, data handling tools, or management systems.

These projects help students to:

- Apply classroom knowledge practically
- Develop basic coding and debugging skills
- Build teamwork and communication skills
- Learn how to plan, design, and execute a project

Though basic in nature, these mini projects play an important role in building confidence and setting the foundation for more advanced projects in later semesters.

➤ Introduction

The Python Mini Project Exhibition was organized on 16th June 2025 by the Department of ISE, as part of the course "Introduction to Python Programming (BPLCK205B)." The goal of the event was to give students a platform to apply their Python programming knowledge in building small projects. It also aimed to develop creativity, confidence, and real-world problem-solving skills among second-semester students.

➤ Inauguration

The event was inaugurated by our esteemed Principal, Dr. Y Vijaya Kumar, and Head of the Department, Dr. Raghavendra R J and Professor Dr. R Sanjeev Kunte along with the presence of faculty members and student coordinators. The inauguration included welcome speech and brief address by the HOD and the Principal encouraging students to take part in real-world problem-solving through such platforms.

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Figure 1. Inauguration Photos at the Exhibition

➤ Participation

All second-semester students enrolled in the Python programming course participated actively in the exhibition. Working in teams, they developed various mini projects using Python. Some of the project topics included banking systems, cafe management, calculators, games, quiz apps, and to-do list managers. Each team also prepared a poster and gave a live demonstration of their project during the exhibition.

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➤ Evaluation and Judging

A total of 32 student batches from the 2nd semester participated in the exhibition and the projects were evaluated by a panel of faculty members including the course instructors. Each team was assessed on:

- Clarity of Explanation
- Poster design
- Technical depth
- Creativity and Effort

The judges appreciated the students' efforts and provided valuable suggestions for improvement.

➤ Prize Distribution

At the end of the exhibition, the best-performing teams were recognized. To motivate students, the top three teams received prizes for their innovative ideas and excellent presentation.

- 1st Prize: ₹500
- 2nd Prize: ₹300
- 3rd Prize: ₹200

The winners were announced, and they received appreciation from the Principal and the HOD. E-certificates of appreciation were also distributed to all the participants as a token of encouragement.



Figure 2. Prize Distribution for the Winners



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➤ Outcome and Feedback

The exhibition provided students with valuable hands-on experience. It allowed them to apply what they learned in class and turn it into working projects. Students improved their programming, teamwork, and communication skills. The feedback from both students and faculty was very positive. Students shared that they enjoyed the opportunity to present their work and learn from others.

➤ Acknowledgement

We thank our Principal, HOD, faculty members and student volunteers for their valuable support and encouragement. Special thanks to Dr. Sachin H P and Dr. Chethan S G from Chemistry Department, for their guidance and support throughout the planning and execution of the event.

➤ Conclusion

The Python Mini Project Exhibition was a successful event organized by Mrs. Thara K L, Assistant Professor, ISE Department. It created a positive learning environment where students could express their creativity and apply technical knowledge. Such exhibitions not only build technical skills but also boost the confidence and enthusiasm of students. The department looks forward to organizing similar events in future to further support experiential learning.

Coordinator

HOD ISE



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Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



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Photo Gallery



16-Jun-2025 11:33:45 am
Navule
Shivamogga
Bangalore Division
Karnataka



16-Jun-2025 11:04:19 am
Navule
Shivamogga
Bangalore Division
Karnataka



16-Jun-2025 11:05:41 am
Navule
Shivamogga
Bangalore Division
Karnataka



16-Jun-2025 11:30:23 am
Navule
Shivamogga
Bangalore Division
Karnataka



16-Jun-2025 11:31:12 am
Navule
Shivamogga
Bangalore Division
Karnataka



27 Jun 2025 10:30:50 am
AD Block Road
Navule
Shivamogga
Bangalore Division
Karnataka



27 Jun 2025 10:31:56 am
AD Block Road
Navule
Shivamogga
Bangalore Division
Karnataka



27 Jun 2025 10:35:56 am
AD Block Road
Navule
Shivamogga
Bangalore Division
Karnataka



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List of Mini Projects and Students

Team#	Name	USN	Project Title
1	Achinthya S	4JN24IS001	Generating Random Quiz Files
	Akshay R	4JN24IS012	
2	Aishwarya R	4JN24IS007	Restaurant Management
	Harshitha N V	4JN24IS053	
3	Aishwarya S M	4JN24IS008	Typing Accuracy Test
	Ankita N	4JN24IS018	
4	Apeksha K Marigoudar	4JN24IS022	Chatbot
	Avani S Rao	4JN24IS024	
5	Amrutha N	4JN24IS015	Café Management
	Anusha V Shet	4JN24IS020	
6	HAMSINI H S	4JN24IS047	Text Editor
	KAVYASHREE G J	4JN24IS062	
7	Harshith Kumar S M	4JN24IS051	Quick Password Generator
	Jeevan S	4JN24IS057	
8	Disha K A	4JN24IS040	Bankli!
	Iram Naaz	4JN24IS055	
9	Dhanyashree B T	4JN24IS039	Fibonacci Series
	Bindhu M	4JN24IS026	
10	Amay Dinesh	4JN24IS013	Pong Game
	Chirag K H	4JN24IS032	
11	Adhin K Suresh	4JN24IS002	Number Guessing Game
	Akash S	4JN24IS011	
12	Ananya G Shetty	4JN24IS017	Expense Tracker
	Dhanya D N	4JN24IS038	
13	Anushree S P	4JN24IS021	Binary Search
	Keerthana Hanagodu	4JN24IS063	
14	Aishwarya H S	4JN24IS005	Electric Bill Generator
	Amulya S	4JN24IS016	
15	Ajay D A	4JN24IS009	Screen Recording
	Chirayu N	4JN24IS033	
16	Chethana D R	4JN24IS030	Contact Book
	Impana S	4JN24IS054	
17	Chandan S S	4JN24IS027	Countdown Timer
	Chinmaya K N	4JN24IS031	
18	Fathma Sheaqa	4JN24IS043	Website Blocker
	Iram Tanzeela	4JN24IS056	



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Team#	Name	USN	Project Title
19	Aishwarya H S	4JN24IS006	Pharmacy Management
	Darshini D	4JN24IS035	
20	Akash H M	4JN24IS010	Scientific Calculator
	Basavaraj T C	4JN24IS025	
21	Ganavi C	4JN24IS045	Random Password Generator
	Haleshwari S N	4JN24IS046	
22	K Shriram	4JN24IS060	Youtube Video Downloader
	Karthik Y P	4JN24IS061	
23	Harsha N	4JN24IS049	Dice Rolling Simulator
	GAGAN M	4JN24IS044	
24	Ekakshi M B	4JN24IS042	Solar System
	Harshitha J A	4JN24IS052	
25	Divya H K	4JN24IS041	Sorting Method
	K Pournami	4JN24IS059	
26	Deepa K R	4JN24IS037	Mad Libs Game
	K H M Sanjana	4JN24IS058	
27	D S Nishreeth	4JN24IS034	Tic Tac Toe
	Harsha S Gatti	4JN24IS050	
28	Adhya C U	4JN24IS003	Currency Converter
29	Aditya C	4JN24IS004	Sudoku
30	Amrutha	4JN24IS014	To-Do-List
31	Apthi A N	4JN24IS023	Medicine Management
32	Anup M G	4JN24IS019	Unit Converter
33	Chandana A S	4JN24IS029	Temperature Converter



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SHIVAMOGGA - 577204**



Department Of Information Science and Engineering

PRESENTING

 **python**

*Mini Project
Exhibition*

In Association with



16.06.2025|10:45PM-1:30PM

ISE LAB4 JNNCE