



**SR  
HU**

**विज्ञान एवं प्रौद्योगिकी स्कूल**

(स्वामी राम हिमालयन विश्वविद्यालय की एक शैक्षणिक इकाई)

**School of Science & Technology**

(A Constituent Academic Unit of Swami Rama Himalayan University)

SRHU/SST/Int./2025-262

Dated: 26<sup>th</sup> September 2025

**Notice**

**Dear Students,**

The **Creative Club** is organizing an interactive workshop titled **“Visualize to Realize: Data Insights with Excel.”** The session aims to enhance students' data literacy skills by introducing practical techniques of data visualization and analytical insights using Excel. Through hands-on activities, participants will learn how to convert raw data into meaningful interpretations for decision-making.

- **Date of activity:** 27<sup>th</sup> September 2025
- **Venue:** LT-3, School of Science & Technology
- **Time:** 11:30 AM onwards

All interested students from the constituent academic units of SRHU are invited to participate actively in this knowledge-enriching session and gain valuable skills in data analysis and visualization.

Let us unlock the power of data together and turn insights into impactful actions. Let us unlock the power of data together and turn insights into impactful actions.

**For further details, please contact:**

**Dr. Deepak Srivastava**, Department of Computer Science and Engineering, School of Science & Technology, Email: [deepaksrivastava@srhu.edu.in](mailto:deepaksrivastava@srhu.edu.in); Mobile: 9936718635

**Prof. (Dr.) Pramod Kumar**  
Dean  
School of Science & Technology

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Swami Rama Himalayan University  
Dehradun

**स्वामी राम नगर, जौलीग्रान्ट, देहरादून 248016, उत्तराखण्ड, भारत**

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## Report

**Title of the Activity:** Visualize to Realize: Data Insights with Excel

**Date:** 27<sup>th</sup> September 2025

**Venue:** LT-3, School of Science & Technology

**Time:** 11:30 AM onwards

**Organized by:** Creative Club, Swami Rama Himalayan University

**Resource Person Details:** Dr. Deepak Srivastava, Department of Computer Science & Engineering, School of Science & Technology, Swami Rama Himalayan University, Dehradun.

Email: [deepaksrivastava@srhu.edu.in](mailto:deepaksrivastava@srhu.edu.in); Mobile: 9936718635

### **Summary:**

The Creative Club of SRHU organized a beginner-friendly workshop on Visualize to Realize: Data Insights with Excel on 27<sup>th</sup> September 2025 at 11:30 AM onwards, in the LT-3 of the School of Science & Technology. The session was conducted by Dr. Deepak Srivastava, Department of Computer Science & Engineering, School of Science & Technology and was aimed at equipping students with essential skills in using Excel for data analysis and visualization.

The workshop began with an introduction to the importance of data visualization and the role of Excel as a powerful tool for beginners. Participants were guided through practical demonstrations covering topics such as chart creation, PivotTables, conditional formatting, sparklines, and data import using Power Query. Interactive exercises were conducted to help students apply the concepts in real time. A short quiz session at the end added to the enthusiasm and reinforced the learning outcomes.

The event highlighted the value of hands-on learning in developing analytical skills and provided a platform for students to build confidence in handling and interpreting data using Excel.

The key highlights of the activity are as follows:

- 1. Introduction to Data Visualization:** Overview of the importance of visualization and how Excel simplifies data analysis.
- 2. Hands-on Demonstrations:** Students practiced creating charts, using PivotTables, applying conditional formatting, and working with sparklines.
- 3. Data Import & Cleaning:** Demonstration of Power Query for importing external datasets (e.g., from Wikipedia) and cleaning data for analysis.

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4. **Quiz & Student Engagement:** A short brainstorming quiz tested participants' learning while encouraging active engagement and appreciation.
5. **Interdisciplinary Participation:** Students from different departments joined, reflecting shared interest in analytical skills and practical application.

**Objective:**

The objectives of the workshop were:

- To introduce students to the basics of data visualization using Excel.
- To provide hands-on exposure to essential Excel tools for analysis.
- To enhance problem-solving and decision-making through practical examples.
- To encourage students to explore Excel as a foundation for advanced analytics and data science.

**Number of Participants: 27**

**Outcome:**

The Visualize to Realize: Data Insights with Excel workshop proved to be a highly interactive and beneficial session. It equipped students with fundamental Excel skills for data visualization, improved their ability to analyze datasets, and encouraged them to apply these techniques in academic and real-world scenarios. The brainstorming quiz and appreciation activity enhanced participation and ensured conceptual clarity. Overall, the workshop fostered enthusiasm for data analytics among students and laid the groundwork for future sessions on advanced tools and techniques.

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**Some Glimpse of the Session/Activity**

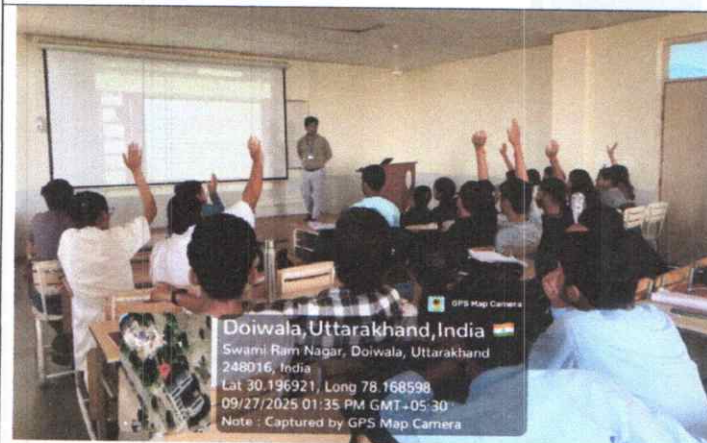
- **Geo tagged photos with Caption:**



**Trend Shown Using Sparklines in Excel**



**Importing and Cleaning Data Using Power Query in Excel**



**Student Quiz and Interaction Session on Data Insights with Excel**



**Group Photo**

**स्वामी राम नगर, जौलीग्रान्ट, देहरादून 248016, उत्तराखण्ड, भारत**

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## School of Science & Technology

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- Non Geo tagged photos:



**Student Quiz and Interaction Session on Data Insights with Excel**



**Group Photo**

**Dr Deepak Srivastava**  
Activity Coordinator  
School of Science & Technology

**Dr. Pramod Kumar**  
Dean  
School of Science & Technology  
Dean  
School of Science & Technology  
Swami Rama Himalayan University  
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**SWAMI RAMA HIMALAYAN UNIVERSITY  
JOLLYGRANT, DEHRADUN**

**Visualize to Realize: Data Insights with Excel**

**List of Participants**

Date: 27.09.2025

S.No.	Student's Name	Program	Signature of Student
1.	Rohit Pant	B.Tech 1 <sup>st</sup> year	Rpant
2.	Harsh	B.Tech 1 <sup>st</sup> year	Harsh
3.	Karuna Dhar	B.Sc (N) 5 <sup>th</sup> semester	<del>Karuna</del> 27/9/25
4.	Pooja Choudhary	B.Sc (N) 5 <sup>th</sup> semester	PChoudhary
5.	Siddhant Pasi	B.Tech 1 <sup>st</sup> year	Siddhant
6.	Sarthak Dangwal	B.Tech 1 <sup>st</sup> yr	Sarthak
7.	Tanishvi Chaudhary	B.Tech 1 <sup>st</sup> yr	Tanishvi
8.	Mishri Saini	B.Tech 1 <sup>st</sup> yr	Mishri
9.	Mukul Dixit	BCA 2 <sup>nd</sup> yr	Mukul
10.	Mukesh Gupta	BCA 2 <sup>nd</sup> yr	Mukesh
11.	Akshay Rastogi	B.Tech 1 <sup>st</sup> yr	Akshay
12.	Krishna Verma	B.Tech 1 <sup>st</sup> yr	Krishna
13.	Aditya Khandelwal	B.Tech 1 <sup>st</sup> yr	Aditya
14.	Nimanshu Gargola	B.Tech 1 <sup>st</sup>	Nimanshu
15.	Ujjwal Dobhal	B.Tech 1 <sup>st</sup>	Ujjwal
16.	Amit Singh Rawat	B.Tech 1 <sup>st</sup>	Amit
17.	Rishi Gauttam	B.Tech 1 <sup>st</sup>	Rishigauttam
18.	Anu Kataria	B.Tech 1 <sup>st</sup>	Anu
19.	Divyanshi Pokhriyal	B.Tech	Divyanshi
20.	Kajal Puri	B.Tech 1 <sup>st</sup>	Kajal
21.	Sanjana Bhatt	B.Tech 1 <sup>st</sup>	Sanjana
22.	Kirti Verma	B.Tech - 1 <sup>st</sup>	Kirti
23.	Tejpti Bhatt	B.Tech - 1 <sup>st</sup>	Tejpti
24.	Shaili	B.Tech - 1 <sup>st</sup>	Shaili
25.	Vidhi Menwal	B.Tech - 1 <sup>st</sup>	Vidhi
26.	Payal	B.Tech - 1 <sup>st</sup>	Payal
27.	Sonam Rana	B.Tech - 1 <sup>st</sup> yr	Sonam
28.			
29.			
30.			



**Pramod K. Verma**  
Dean

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Dehradun