



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
**WAKNAGHAT, P.O. – WAKNAGHAT,**  
**TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)**  
**PIN – 173234 (INDIA) Phone Number- +91-1792-257999**  
 (Established by H.P. State Legislature vide Act No. 14 of 2002)



## **REPORT OF THREE-DAY HANDS ON WORKSHOP ON ADVANCED EXCEL**

The banner features logos for JUIT, NAAC, TIEDC, IEEE, and the Institution's Innovation Council. The text on the banner reads:

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
 (Established by H.P. State Legislature vide Act No. 14 of 2002)

**3-day hands-on Workshop  
 on  
 Advanced Excel**

**July 15-17, 2024**

**Resource Person: Dr. Vikas Baghel**

Institution's Innovation Council (IIC) in collaboration with Technology Incubation and Entrepreneurship Development Cell (TIEDC), and IEEE JUIT SB organized a three-day hands-on workshop on Advanced Excel from July 15-17, 2024 in CL9, Jaypee University of Information Technology, Solan, Himachal Pradesh. Dr. Vikas Baghel, Department of Electronics and Communication Engineering was the resource person of the workshop. In total 45 faculty/ staff members of different departments gained the knowledge. The event was coordinated by Prof. Ashish Kumar, Chairman, IIC and Prof. Shruti Jain, Vice Chairman IIC.



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The primary aim was to enhance participants' proficiency in advanced Excel, equipping them with practical skills to manage complex data tasks and improve decision-making processes. Advanced Excel workshop typically includes equipping participants with more specialized skills and knowledge beyond the basics. An advanced Excel workshop provides significant value by equipping individuals and organizations with the skills needed to leverage Excel as a powerful tool for data analysis, decision-making, and operational efficiency in today's data-driven world. The intensive sessions covered advanced formulas, data visualization techniques, and efficient data handling practices. Attendees left the workshop with significantly improved capabilities, ready to leverage Excel for sophisticated data analysis and operational efficiency. This initiative foster continuous professional development and technological expertise, ensuring its community stays adept in the evolving data-driven landscape.





The schedule of the program is as follows :

<b>Date</b>	<b>Time</b>	<b>Topic</b>
<b>15/07/2024</b>	<b>Session 1: 10:00 AM - 12:00 PM</b>	<b>Getting Started with Excel</b> - Introduction to Excel interface - Basic data entry and cell formatting - Basic functions (SUM, AVERAGE, etc.) - Data Sorting and Filtering - Print a worksheet or workbook - Hands-on exercises
	<b>Session 2: 3:00 PM - 5:00 PM</b>	<b>Advanced Formulas and Functions</b> - Advanced functions (VLOOKUP, HLOOKUP, INDEX, MATCH) - Nested functions - Conditional functions (IF, SUMIF, COUNTIF) - Text functions (CONCATENATE, LEFT, RIGHT) - Hands-on exercises
<b>16/07/2024</b>	<b>Session 3: 10:00 AM - 12:00 PM</b>	<b>Data Validation and Conditional Formatting</b> - Creating drop-down lists - Setting up data validation rules - Applying conditional formatting - Custom conditional formatting formulas - Hands-on exercises
	<b>Session 4: 3:00 PM - 5:00 PM</b>	<b>PivotTables and PivotCharts</b> - Creating PivotTables - Customizing PivotTables - Grouping data in PivotTables - Creating and formatting PivotCharts - Hands-on exercises
<b>17/07/2024</b>	<b>Session 5: 10:00 AM - 12:00 PM</b>	<b>Advanced Data Analysis and Visualization Tools</b> - Introduction to Power Query - Introduction to macros - Introduction to VBA - Creating interactive dashboards - Hands-on exercises
	<b>Session 6: 3:00 PM - 5:00 PM</b>	<b>Summary and wrap-up</b> - Open Q&A session - Addressing participant queries and challenges - Hands-on group project - Group project presentation and evaluation



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**Participants:**

S.No.	Participants	Department
1	Mrs. Jyotsna Bajaj	Department of Electronics & Communication Engineering
2	Dr. Ajay Kumar	Department of Electronics & Communication Engineering
3	Sh. Dharendra K Singh	Department of Electronics & Communication Engineering
4	Sh. Kamlesh Kumar Srivastava	Department of Electronics & Communication Engineering
5	Shambhoo Nath	Department of Electronics & Communication Engineering
6	Sh. Shruti Jain	Department of Electronics & Communication Engineering
7	Sh. Rajiv Kumar	Department of Electronics & Communication Engineering
8	Shweta Pandit	Department of Electronics & Communication Engineering
9	Sh. Ashok Kishtwal	Department of Computer Science & Engineering/ IT
10	Sh. Hardeep Rana	Department of Computer Science & Engineering/ IT
11	Sh. Shiv K Gupta	Department of Computer Science & Engineering/ IT
12	Mr. Rohit	Department of Computer Science & Engineering/ IT
13	Sh. Mohan Sharma	Department of Computer Science & Engineering/ IT
14	Sh. Ravi Raina	Department of Computer Science & Engineering/ IT
15	Sh. Vijay Kumar	Department of Computer Science & Engineering/ IT
16	Sh. Pramod Kumar	Department of Computer Science & Engineering/ IT
17	Sh. Deep Narayan Tripathi	Department of Computer Science & Engineering/ IT
18	Mrs. Somlata Sharma	Department of Biotechnology & Bioinformatics
19	Mohd. Ismail Sddiqui	Department of Biotechnology & Bioinformatics
20	Sh. Sudhir Kumar	Department of Biotechnology & Bioinformatics
21	Sh. Baleshwar	Department of Biotechnology & Bioinformatics
22	Ms. Mamta Mishra	Department of Biotechnology & Bioinformatics
23	Ms. Sonika	Department of Biotechnology & Bioinformatics
24	Mr. Amar Kumar	Department of Civil Engineering
25	Mr. Jaswinder Singh	Department of Civil Engineering
26	Mr. Rajesh Sahu	Department of Civil Engineering
27	Mr. Itesh Singh	Department of Civil Engineering
28	Sh. Pradeep Kumar Singh	Department of Civil Engineering
29	Sh. Ashish Kumar	Department of Civil Engineering
30	Sh. Kamlesh Mishra	Department of Physics and Material Science
31	Sh. Ravendra Kumar Tiwari	Department of Physics and Material Science
32	Ms. Priya Sharma	Department of Physics and Material Science
33	Sh. Mahender Thakur	Language Lab





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34	Ms. Triambica Gautam	Department of Humanities and Social Sciences
35	Sh. Amit Kumar Shrivastava	Department of Computer Science & Engineering/ IT
36	Sh. Dinesh Singh	Department of Computer Science & Engineering/ IT
37	Sh. Chaman Lal	Department of Computer Science & Engineering/ IT
38	Sh. Arindam Das	Department of Computer Science & Engineering/ IT
39	Sh. Roshan Lal	Department of Computer Science & Engineering/ IT
40	Mr. Ankush Tanta	Department of Computer Science & Engineering/ IT
41	Mr. Praveen Kumar	Department of Computer Science & Engineering/ IT
42	Ms. Deepalika	Department of Computer Science & Engineering/ IT
43	Sh. Akhilesh K.Singh	Department of Computer Science & Engineering/ IT
44	Sh. Vivek Kumar	Department of Computer Science & Engineering/ IT
45	Sh. Harendra Kumar	Department of Computer Science & Engineering/ IT





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**Newspaper :**

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## JUIT organize workshop on Advanced Excel

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Solan

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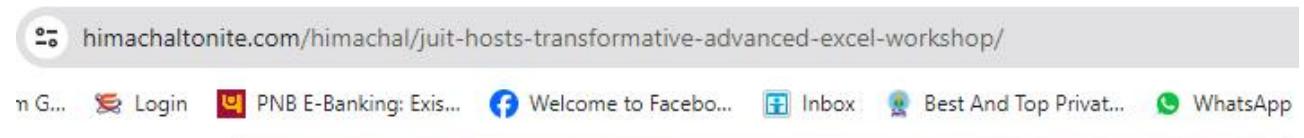




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<https://himachaltonite.com/himachal/juit-hosts-transformative-advanced-excel-workshop/>



The Institution's Innovation Council (IIC), in collaboration with the Technology Incubation and Entrepreneurship Development Cell (TIEDC) and IEEE JUIT SB, organized a highly successful three-day hands-on workshop on Advanced Excel from July 15-17, 2024, at Jaypee University of Information Technology, Solan, Himachal Pradesh. Led by Dr. Vikas Baghel from the Department of Electronics and Communication Engineering, the workshop saw active participation from 45 members across various departments. The primary aim was to enhance participants' proficiency in advanced Excel, equipping them with practical skills to manage complex data tasks and improve decision-making processes. The intensive sessions covered advanced formulas, data visualization techniques, and efficient data handling practices. Attendees left the workshop with significantly improved capabilities, ready to leverage Excel for sophisticated data analysis and operational efficiency. This initiative reflects JUIT's commitment to fostering continuous professional development and technological expertise, ensuring its community stays adept in the evolving data-driven landscape.