



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

**Phone:** 0422-2635600**Web:** kpriet.ac.in**Social:** kpriet.ac.in/social**CEP008****NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)**SELF SERVICE BUSINESS INTELLIGENCE**

<b>Event No</b>	CEP008
<b>Organizing Department</b>	Continuing Education Programme
<b>Date</b>	10/12/2022
<b>Time</b>	09:00 AM to 04:15 PM
<b>Event Type</b>	Workshop
<b>Event Level</b>	State
<b>Venue</b>	HI-PERFORMANCE COMPUTING LAB
<b>Registration Link</b>	<a href="https://forms.gle/8HhVAMDazwstQ7Wc7">https://forms.gle/8HhVAMDazwstQ7Wc7</a>
<b>Total Participants</b>	70
<b>Industry Personnel</b>	3
<b>Faculty - Internal</b>	1
<b>Faculty - External</b>	2
<b>Students - External</b>	29
<b>Other Participants</b>	35

**Related SDG****Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	S Murugappan	Professor	Bannari Amman Institute of Technology	ravindran.s@kpriet.ac.in	xxxxxxxxxx

**Involved Staffs**

Sl	Name	Role
1	Nagarajan B	Convenor
2	Vasim Babu M	Co-convenor
3	Ravindran S	Coordinator
4	Kavya S P	Coordinator

**Outcome**

The workshop on Self Service Business Intelligence was given a new insight for many students, faculty, staffs and industry persons on power query in Microsoft excel.

**Event Summary**

Faculties, staffs, students and Industry persons from various parts of Tamilnadu has participated and had a hands-on experience of using the pivot table and power query for business and analysis and report generation.

They have explored the new possibilities on large data handling and data cleaning techniques. The expertise and experience of the resource person made all the participants to practice and upgraded their skill in using this tool.

The resource person has covered the topics in four sessions and the topics covered are given as follows:

>Session I – Introduction to Pivot Table

+ Spencer's Sales Promotional Strategy

> Session II - Creating a Basic Pivot Table

+ Analyzing Activity by Market

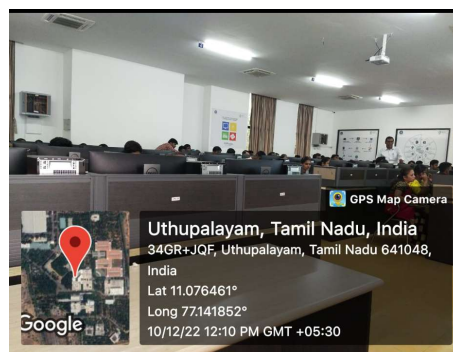
+ Preparing the Source Data: Using an Excel Table with Monthly Columns

- + Cleaning Up Data for Pivot Table Analysis
- > Session III - Grouping
  - + Grouping Text Fields
  - + Grouping Data - Week wise, Month wise, Quarter wise and Year wise
  - + Grouping Numeric Fields
- > Session IV - Sorting and Filtering
  - + Sorting a Pivot Field: Sorting Value Items
  - + Sorting a Pivot Field: Sorting Text Items
  - + Sorting a Pivot Field: Sorting Items in a Custom Order
  - + Filtering a Pivot Field: Manual Filter
  - + Filtering a Pivot Field: Label Filter
- > Session V - Data Crunching using Pivot Table
  - + Using Formulae: Creating a Calculated Field without "IF" Condition
  - + Using Formulae: Creating a Calculated Field with "IF" Condition
  - + Using Custom Calculations: % of Column
  - + Using Custom Calculations: % Difference From
- > Session VI - Graphical Presentation
  - + Planning and Creating a Pivot Chart
  - + Converting a Pivot Chart to a Static Chart

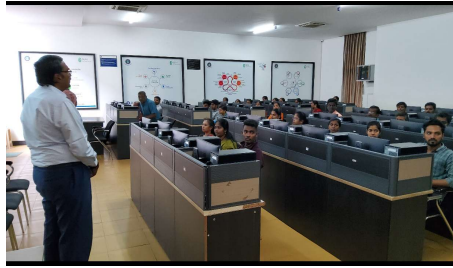
Everyone have appreciated the workshop and its usefulness. The participants are issued with certificate.



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