



SRM MADURAI

College for Engineering & Technology

(Approved by AICTE, New Delhi | Anna University, Chennai)
Pottapalayam, Sivagangai District - 630 612



COLLEGE CODE : 9111

COUNSELLING CODE : 5842

DEPARTMENT OF MATHEMATICS

Organizes

FACULTY DEVELOPMENT PROGRAM

on

Unveiling Emerging Research Trends in Mathematics

Date : 20.08.2024-21.08.2024



Dr. M. GILBERT RANI
Assistant Professor
Department of Mathematics
Arul Anandar College
Madurai
Topic : Neural Network Models
using Rough Set
Date : 20.08.2024
Time : 10.00 AM-11.00 AM



Dr. J. MARTINA JENCY
Assistant Professor
Department of Mathematics
V. O. Chidambaram College
Thoothukudi
Topic : Beyond Fuzziness : Exploring
the Path to Neutrosophy
Date : 20.08.2024
Time : 2.00 PM-3.00 PM



Dr. K. BALA DEEPA ARASI
Assistant Professor
Department of Mathematics
A.P.C. Mahalaxmi College for
Women, Thoothukudi
Topic : Paradigms of Research
in Topology
Date : 20.08.2024
Time : 11.00 AM-12.00 PM



Dr. S. SRIRAM
Head & Associate Professor
Department of Mathematics
Patrician College of Arts and
Science Chennai
Topic : An Approach to Envision
Labelling of Graphs
Date : 21.08.2024
Time : 10.00 AM - 11.00AM



Dr. G. DEVIPRIYA
Assistant Professor
Department of Mathematics
Sri Krishna Adithya College of Arts and
Science, Coimbatore
Topic : Advancing Knowledge : Differential
Equations and Optimal Control in Practice
Date : 21.08.2024
Time : 11.00 AM -12.00 PM

Click here
for Registration



Coordinator

Dr. A. ANUSUYA
AP/ Mathematics Dept.

Co-Convener

Dr. A.N. BALAJI
HoD / S&H Department

Convener

Dr. S. DURAIRAJ
PRINCIPAL



www.srmmcet.edu.in

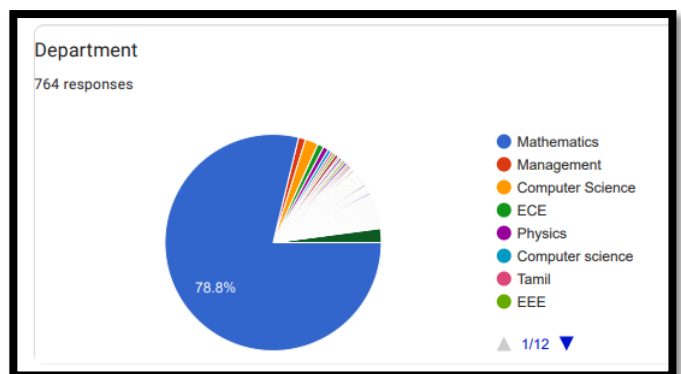
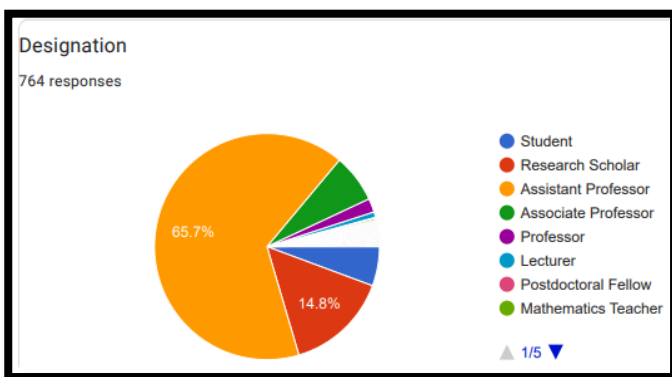
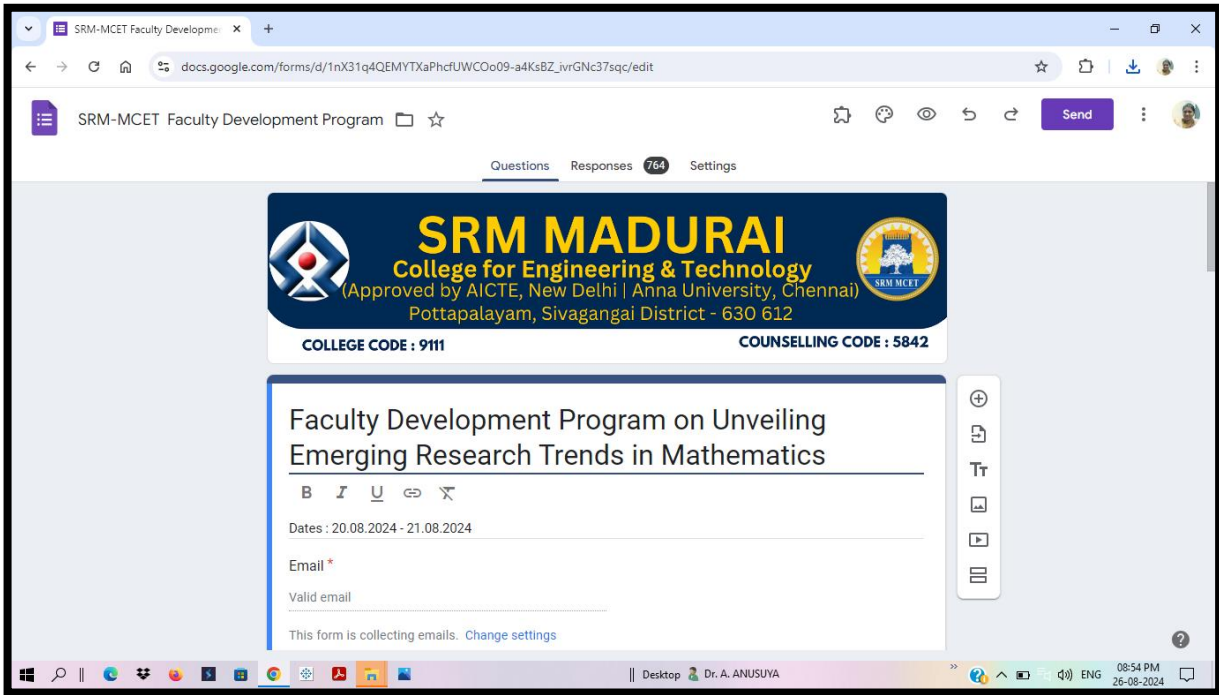


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Department of Science and Humanities (Mathematics Division)
Faculty Development Programme

Registration Details

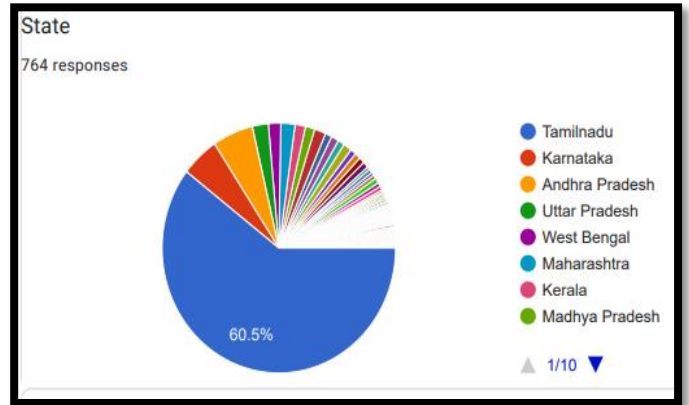
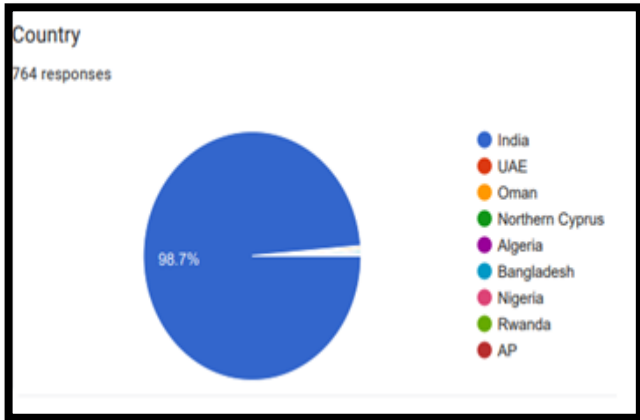




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Session 1:

The slide displays a diagram of a McCulloch-Pitts neuron. It shows multiple input nodes on the left, each with a weight w_{ij} and an inhibitory connection $-w_{ij}$ leading to a summation node Σ . The output of the summation node is $x_j = \sum w_{ij}x_i - \sum -w_{ij}x_i$. This signal passes through a transfer function f to produce the output $y_j = f(x_j)$. The diagram is labeled 'MCCULLOCH-PITTS NEURON'.

Session 2:

Paradigms of Research in Topology

Definition: NANO BINARY TOPOLOGY

Let (U_1, U_2) be the universe, R be an equivalence on (U_1, U_2) and $\tau_R(X_1, X_2) = \{(U_1, U_2), (\phi, \phi), L_R(X_1, X_2), U_R(X_1, X_2), B_R(X_1, X_2)\}$ where $(X_1, X_2) \subseteq (U_1, U_2)$. Then by the property R (X_1, X_2) satisfies the following axioms:

- (U_1, U_2) and $(\phi, \phi) \in (X_1, X_2)$
- The union of the elements of any sub-collection of $\tau_R(X_1, X_2)$ is in $\tau_R(X_1, X_2)$
- The intersection of the elements of any finite sub-collection of $\tau_R(X_1, X_2)$ is in $\tau_R(X_1, X_2)$. That is, $\tau_R(X_1, X_2)$ is a topology on (U_1, U_2) called the Nano binary topology (Shortlyly Topology $\tau_R(X_1, X_2)$) on (U_1, U_2) with respect to (X_1, X_2) . We call $(U_1, U_2, \tau_R(X_1, X_2))$ as **Nano binary topological spaces**. The elements of $\tau_R(X_1, X_2)$ are called Nano binary open sets.



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Session 3:

BEYOND FUZZINESS: EXPLORING THE PATH TO NEUTROSOPHY

Dr. J. MARTINA JENCY
Assistant Professor
Department of Mathematics
V.O. Chidambaram College
Thoothukudi

20.08.2024

Session 4:

Participants

- Divya R (Unverified)
- Dr. Atul Kumar Srivastava (Unverified)
- Dr. Pratyush Kumar... (Unverified)
- Dr. S. Sriram (Unverified)
- Dr. Sriram sankaran (Unverified)
- Dr. A. Sangeetha Devi
- Dr. Amali Paul Ros... (Unverified)
- Dr. M. Kalaiselvi (Unverified)

Session 5:

Advancing Knowledge: Differential Equations and Optimal Control in Practice

Dr. G. DEVI PRIYA
Assistant Professor
Sri Krishna Adithya College of Arts & Science
Coimbatore - 641042
devipriya@skacat.ac.in

21.08.2024

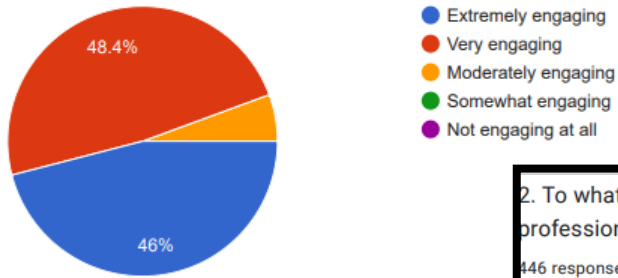
Participants

- Dr. A. ANUSUIYA
- Amuthashri (Unverified) On hold
- ARAVINTH NARAYANAN (Unverified)
- ARAVINTHYA R (Unverified) On hold
- Asan Nagoor Meeran V P (Unverified)
- ASHIGH GUPTA (Unverified)
- Ashish Joshi (Unverified) On hold
- Ashwan Kumar (Unverified)

SESSION - 1 FEEDBACK

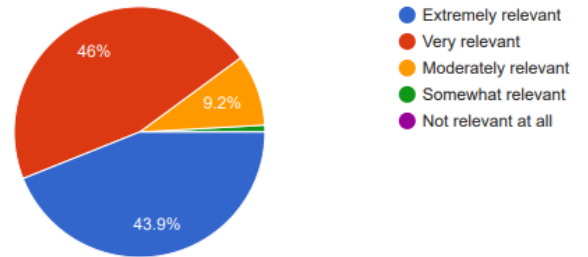
1. How engaging was the speaker's presentation style?

446 responses



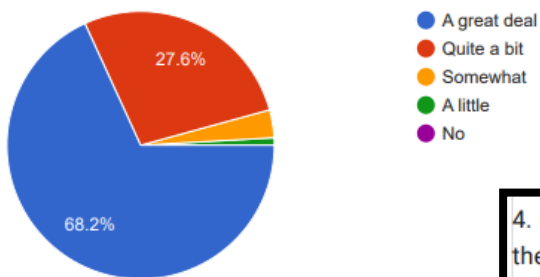
2. To what extent were the speaker's topics relevant to your teaching and professional development needs?

446 responses



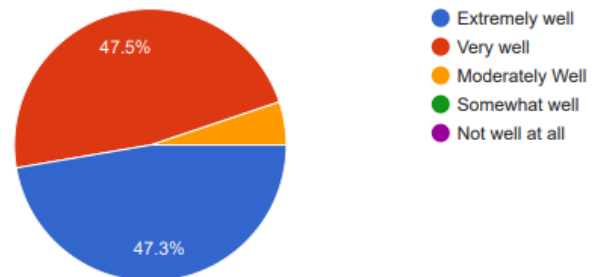
3. Did the speaker provide new or insightful information you can use in your teaching?

446 responses



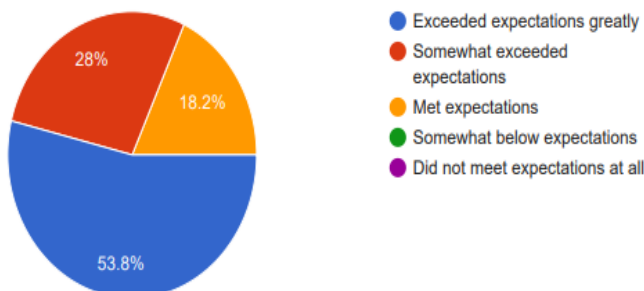
4. How well did the speaker use visuals (slides, handouts) to support their presentation?

446 responses



5. How well did the speaker meet your expectations for the program?

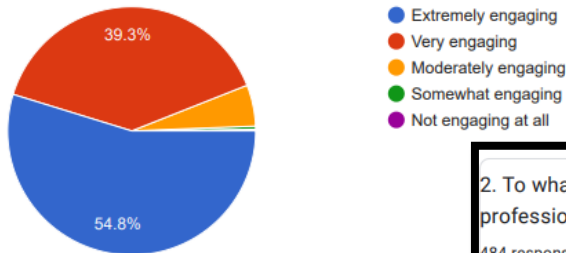
446 responses



SESSION-2 FEEDBACK RESPONSE

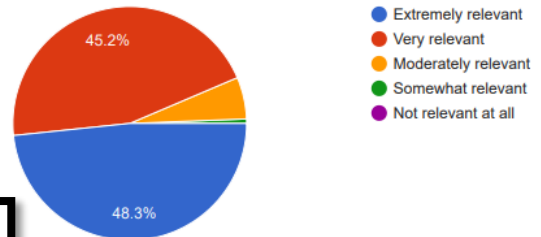
1. How engaging was the speaker's presentation style?

484 responses



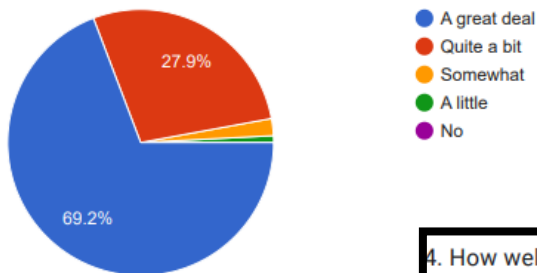
2. To what extent were the speaker's topics relevant to your teaching and professional development needs?

484 responses



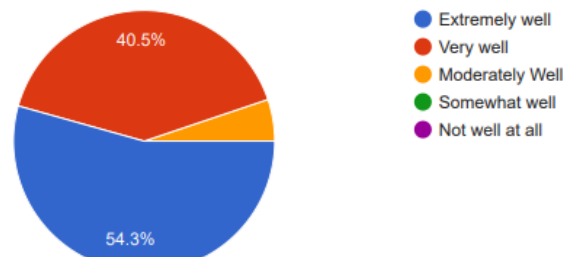
3. Did the speaker provide new or insightful information you can use in your teaching?

484 responses



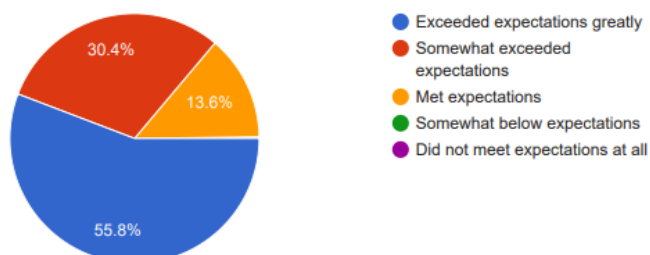
4. How well did the speaker use visuals (slides, handouts) to support their presentation?

484 responses



5. How well did the speaker meet your expectations for the program?

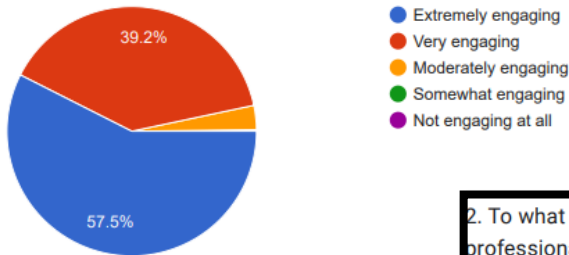
484 responses



SESSION-3 FEEDBACK RESPONSES

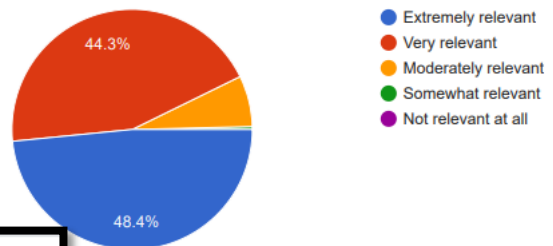
1. How engaging was the speaker's presentation style?

510 responses



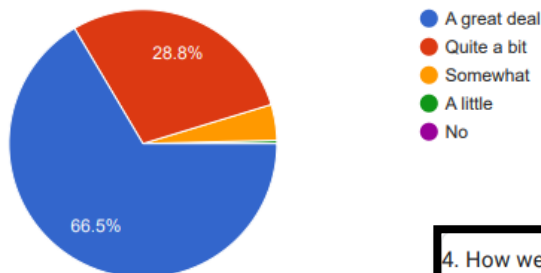
2. To what extent were the speaker's topics relevant to your teaching and professional development needs?

510 responses



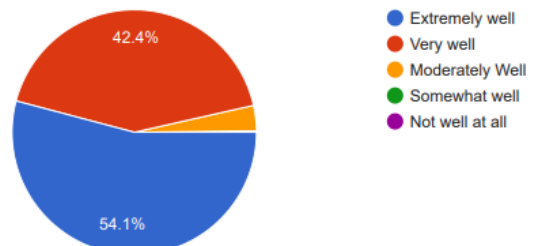
3. Did the speaker provide new or insightful information you can use in your teaching?

510 responses



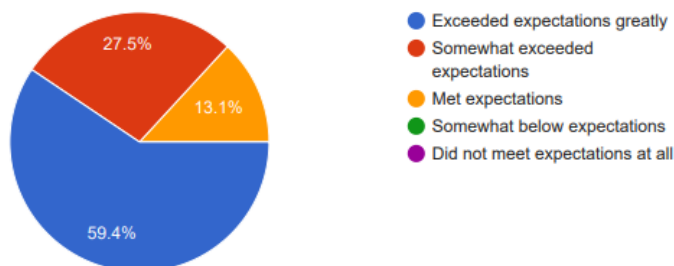
4. How well did the speaker use visuals (slides, handouts) to support their presentation?

510 responses



5. How well did the speaker meet your expectations for the program?

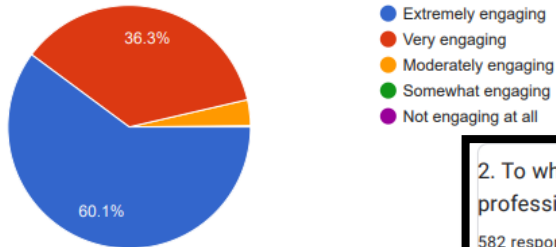
510 responses



SESSION-4 FEEDBACK RESPONSE

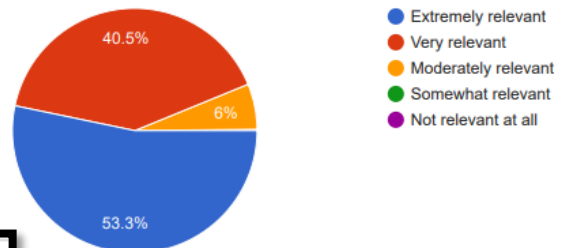
1. How engaging was the speaker's presentation style?

582 responses



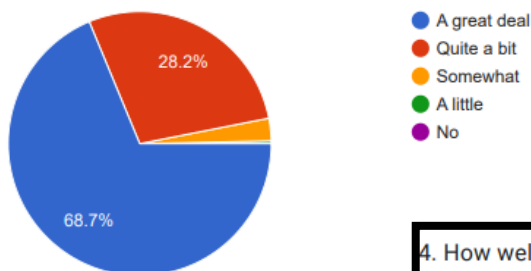
2. To what extent were the speaker's topics relevant to your teaching and professional development needs?

582 responses



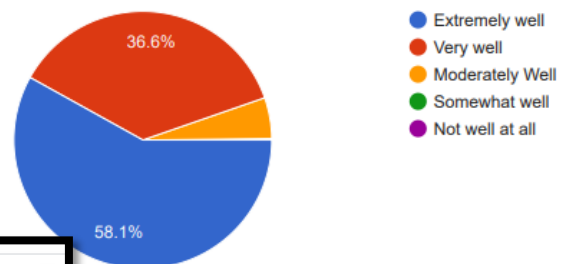
3. Did the speaker provide new or insightful information you can use in your teaching?

582 responses



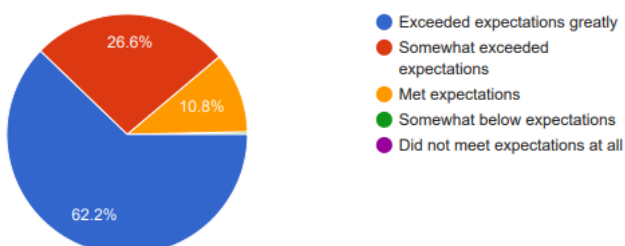
4. How well did the speaker use visuals (slides, handouts) to support their presentation?

582 responses



5. How well did the speaker meet your expectations for the program?

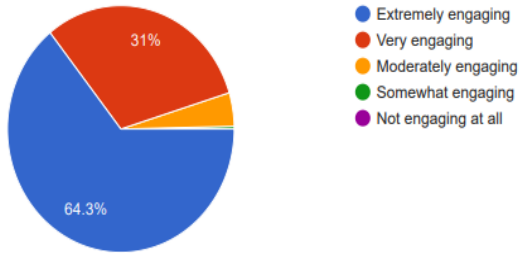
582 responses



SESSION -5 FEEDBACK RESPONSE

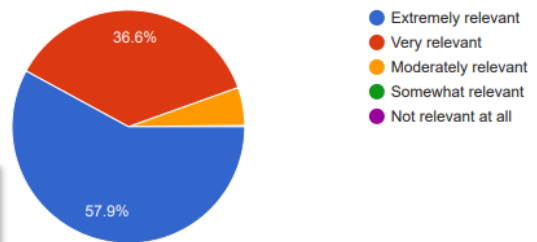
1. How engaging was the speaker's presentation style?

568 responses



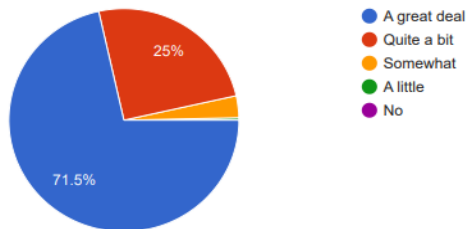
2. To what extent were the speaker's topics relevant to your teaching and professional development needs?

568 responses



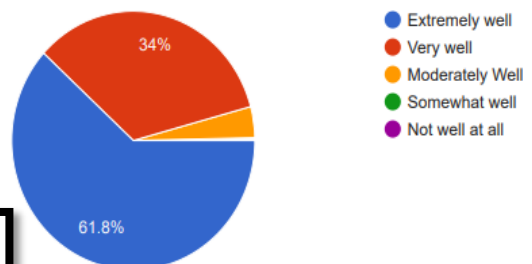
3. Did the speaker provide new or insightful information you can use in your teaching?

568 responses



4. How well did the speaker use visuals (slides, handouts) to support their presentation?

568 responses



5. How well did the speaker meet your expectations for the program?

568 responses

