

Internal Quality Assurance Cell (IQAC)

Activity Report

5 days Faculty Development Programme

Name of the Event: Faculty Development Programme

Date: 15th May – 20th May 2024(5 days)

Venue: Shri Shikshayatan College

Resource Persons:

1) Day 1 (15/5/24)- Dr.Soumya Sen (Teacher –In – Charge,4 year B.Tech University of Calcutta)

2) DAY 2(16/5/24) –Prof. Swagatam Das (Professor, Indian Statistical Institute)

3) Day 3(17/5/24) –Prof. Dalia Chakraborty (H.O.D, Department of Sociology, Jadavpur University)

4) Day 4(18/5/24)–Dr.Mahuya Hom Chowdhury (Scientist,C Patent Information Centre,WBSC of Science and Technology)

5) Day 5 (20/5/24) – Professional Corporate Trainer and Adjunct Faculty Member, ICFAI Business School)

Title of FDP: Empowering Educators in the context of NEP 2020.

No of participant: 75 faculty members

Day wise report :

DAY 1

On Day 1, Dr. Soumya Sen , Teacher in charge of 4 Year B.Tech University of Calcutta delivered a lecture on the Use of ICT and Challenges of Higher Education in India. He stressed the importance of combination of industry and academics. Teachers may have youtube channels, website and upload different lectures and videos in the website. For conducting research work techniques like Voice to Text or Text to Voice can be used along with the assistance of Intelligent FAQ Chatbox. Teachers can organize aptitude training (Verbal, Inductive, Logical), Soft Skills (English, Communication Skill) and from there the Course Outcome and the Programme Outcome can be mapped. More MOUS can be entered with Industry and collective group activity can be promoted. They can take the help of the cloud hosted platforms and use different assessment tools like Quiz, Analysis etc. Dr. Sen also recommended the use of

Blooms Taxonomy. Students can do internship through internshala and must also have an institutional email id.

DAY 2

On Day 2, Prof . Swagatam Das, Professor, Indian Statistical Institute delivered a talk of the Use of AI in Teaching- Learning & Research. Dr. Das elaborated on Chat GPT for teaching- learning and the different tools of it. There are many paid tools of AI. For studying more literature LLM is useful . He has elaborated how AI has caused a threat to digital privacy of an individual.

DAY-3

Prof. Dalia Chakraborty started her lecture about what a Social Research is and about it's cardinal features. While doing so, she upheld the importance of planning, technique, evidences of conducting a research along with its presentation and publication. She explained the steps of conducting a Quantitative as well as Qualitative Research. For doing Quantitative Research, she started with asking about specific research questions, formulating hypothesis, considering different dependent and independent variables, selecting different sized samples, doing analysis on the result arrived at and interpreting the data for the sake of the validity of the research work. She further stressed the role of human factor which plays a role while writing the Report. For Quantitative data, she highlighted different methods like case study, focus group interview and how to administer the Questionnaire for gathering data from the respondents. She also highlighted about sampling as a method along with the Quota Sampling. The importance of Coding System was also explained by her for understanding the descriptive and analytical reality. However, whichever method of data collection is employed, different approaches like Positivism, Empirical Observation, Social Action Research or Post Modernism can be taken. It is important that different surveys and field research can be done for connecting the theory with the actual reality. Ethnographic/ Participative research can perhaps be used as a method for this. Lastly, she emphasized the issue of ethics in research and the alertness of the researcher with regard to plagiarism while writing his/ her research report. Thus Prof. Chakraborty in a nutshell has wonderfully explained the method of doing social research by Quantitative as well as Qualitative approaches.

DAY 4

In Day 4 of FDP (18.5.24), Dr. Mahuya Hom Chowdhury, Scientist C, Patent Information Centre, WBSC of Science & Technology delivered a talk on Intellectual Property Rights. She uphelded the importance of protecting the Intellectual Property for achieving Sustainable Development Goals. We have to be conscious of having patent and hence she took the references of different case studies like Genentech Inc VS Welcome Foundation Ltd to prove her point. She discussed the different types of copyright by highlighting on the right of the performer, producer, music director, title song, right of the broadcaster etc. For understanding these, it is important to take note of the fusion of Intellectual Property and culture. Hence, the outcome of these is manifested in the form of Intellectual design, Trademarks, Trade secret, patent and trademark, Dr. Hom Chowdhury gave the example of Coca Cola, Pepsi, Glucon D, Basmati, Turmeric, Darjeeling Tea, Banglar Rosogolla, Gobindobhog Rice, Tulaipanji Chal to illustrate the issue of Intellectual Property, Patent and the Geographical Indication Act. As GI was our own invention, Rosogolla has become generic She also uphelded the point that how women scientist, new start ups can be motivated for having patents by following certain steps of. Hence, Dr. Hom Chowdhury focused on identifying, securing, registering and protecting our intellectual properties for a more higher and noble end.

DAY 5

In Day-5, Prof Sharbari Saha, Professional, Corporate Trainer delved into a very interesting topic 'Effective Interpersonal Skill & High Emotional Intelligence: Key to a Happy Workplace' in an extremely engaging way. She started her talk in an interactive mode with the participants. Amongst many other factors, she talked about Emotional intelligence and the role it plays in an individuals life. A discussion was made on the advantages of strong emotional intelligence along with the issue of having four emotional intelligence skill like self awareness, self management, social awareness and relationship management. It was mentioned that humour, laughter and play act as an anecdote to stress. There were sets of ideas on how to improve the EQ and what to keep in mind with respect to what the Employers want from an employee. Dr. Saha concluded that Conflict is an opportunity to grow closer to others. Hence, communication must be done respectfully so that a win –win situation can emerge for all.

Outcome of the programme:

The FDP featured an esteemed lineup of resource persons who shared their expertise on various critical topics. The sessions were well-received by the participants, contributing significantly to their professional development.

Day 1: Dr. Soumya Sen

Topic: Use of ICT and Challenges of Higher Education in India

•**Outcome:** Participants gained a deeper understanding of the integration of Information and Communication Technology (ICT) in higher education. They learned about the various challenges and solutions to enhance the educational landscape in India. The session emphasized the importance of adapting to technological advancements to improve teaching methodology.

Day 2: Prof. Swagatam Das

Topic: Use of AI in Teaching-Learning & Research

•**Outcome:** The session highlighted the transformative role of Artificial Intelligence (AI) in education. Participants were introduced to AI tools and techniques that can be utilized to enhance teaching, learning, and research. They explored practical applications of AI, leading to more effective and personalized educational experiences.

Day 3: Prof. Dalia Chakraborty

Topic: Quantitative & Qualitative Methods in Research

•**Outcome:** Attendees were provided with comprehensive insights into both quantitative and qualitative research. Participants appreciated the balanced approach to understanding different research paradigms and their applications in academic work.

Day 4: Dr. Mahuya Hom Chowdhury

Topic: IPR (Intellectual Property Rights)

•**Outcome:** This session equipped participants with essential knowledge about Intellectual Property Rights (IPR). They learned about the various types of intellectual property, the importance of protecting intellectual property, and the processes involved in securing IPR. This knowledge is crucial for safeguarding academic and research outputs.

Day 5: Prof. Sharbari Saha

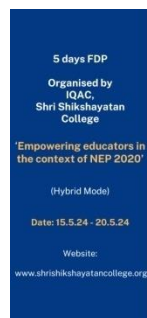
Topic: Effective Interpersonal Skills & High Emotional Intelligence: Key to a Happy Workplace

•**Outcome:** The final session focused on the development of interpersonal skills and emotional intelligence, essential for fostering a positive and productive workplace environment. Participants learned techniques to improve their communication, empathy, and emotional regulation, leading to better teamwork and job satisfaction.

Overall Impact

The workshop successfully met its objectives of enhancing faculty members' knowledge and skills across various critical areas. The diverse topics covered provided a holistic development experience, preparing participants to tackle contemporary challenges in higher education with confidence and innovation. The interactive sessions and practical insights gained from the workshop are expected to positively influence their teaching methodologies and research activities, ultimately benefitting the students and the institution as a whole.

Geotagged Photos and Brochure:



Brochure



Chief Patron
Dr. Papiya Choudhury
Organising Committee
Smt. Anusua Das, (IQAC, Co-ordinator)
Dr. Agnita Kundu
Dr. Siuli Mukherjee
Smt. Paramita Chakravorty
Dr. Udit Mitra
Dr. Chitralekha Sengupta
Smt. Tanuka Sen Chatterjee
Dr. Ujjayanti Saha Gupta
Smt. Somdutta Roy

Objective of the FDP
1. Introduction to various ICT tools and AI applications relevant to teaching and learning in the dynamic environment.
2. Familiarize faculty with a diverse range of research methodologies and techniques applicable across disciplines.
3. Foster awareness on the importance and ethical and legal responsibilities related to IP in academia & research settings.
4. Provide strategies for building rapport, fostering positive relation to improve team work, productivity and well being.



Brochure



Inaugural Session Day 1



FEEDBACK OF FDP ORGANIZED BY IQAC, SHRI SHIKSHAYATAN COLLEGE ON EMPOWERING EDUCATORS IN THE CONTEXT OF NEP 2020

Day 1: 15.5.24

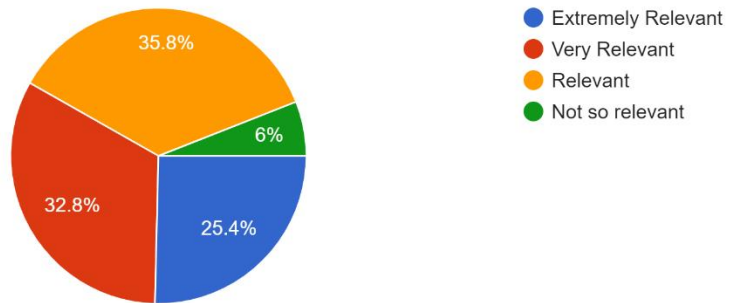
Topic: Use of ICT and Challenges of Higher Education in India

Speaker: Dr. Soumya Sen

Responses: 67

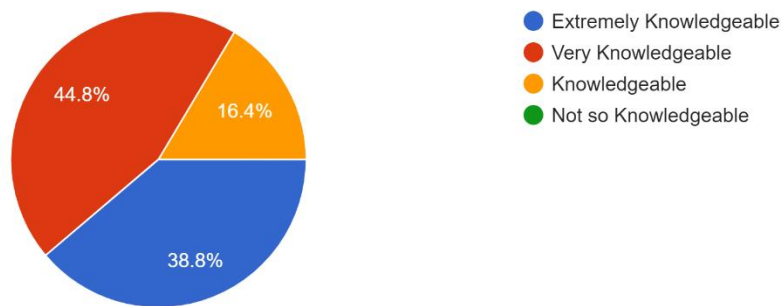
How relevant is today's topic to teaching, learning and research?

67 responses



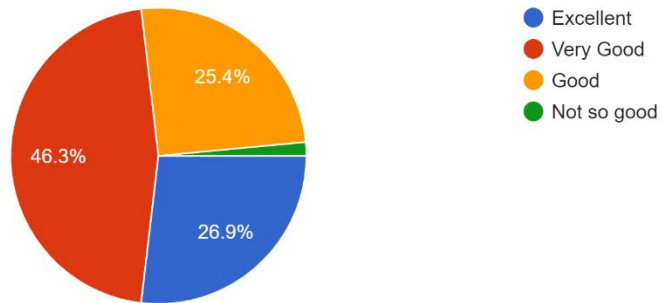
How knowledgeable was your resource person?

67 responses



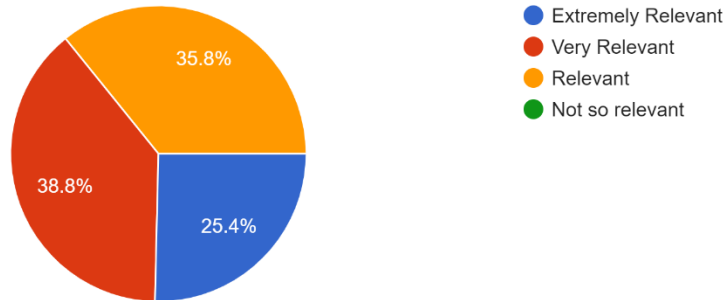
How would you rate the resource person's presentation of the material?

67 responses



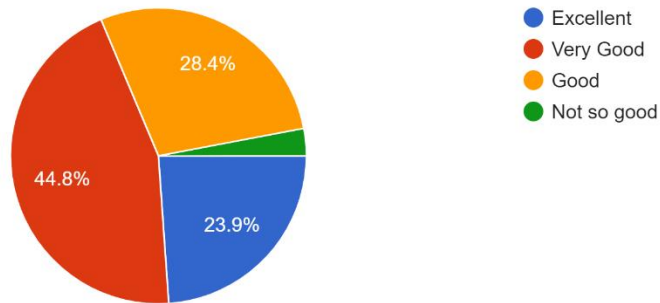
What do you think, how much the material discussed and presented is relevant to the present scenario?

67 responses



How do you grade today's session of the in house FDP?

67 responses



Day 2 (16.5.24)

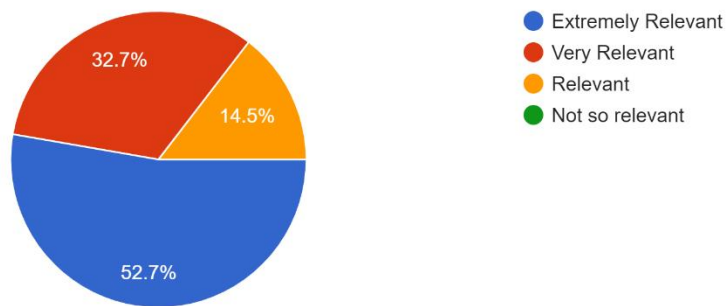
Topic: Use of AI in Teaching, Learning and Research

Speaker: Prof. Swagatam Das

Responses: 55

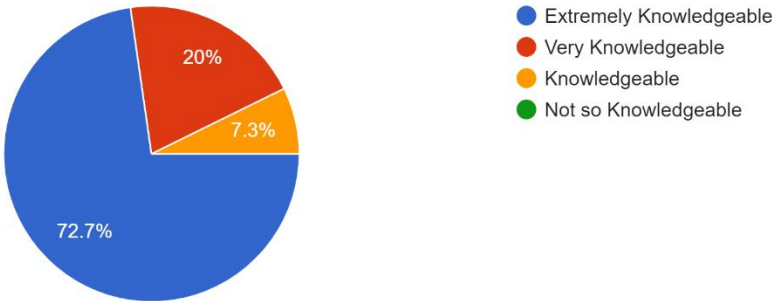
How relevant is today's topic to teaching, learning and research?

55 responses



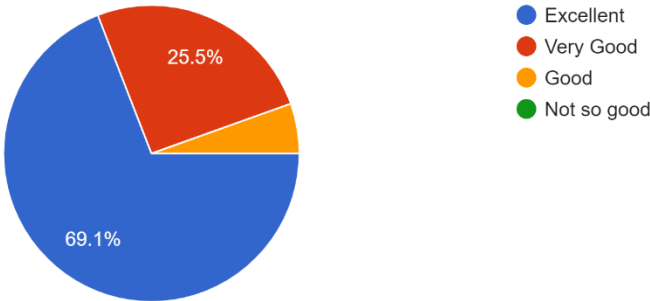
How knowledgeable was your resource person?

55 responses



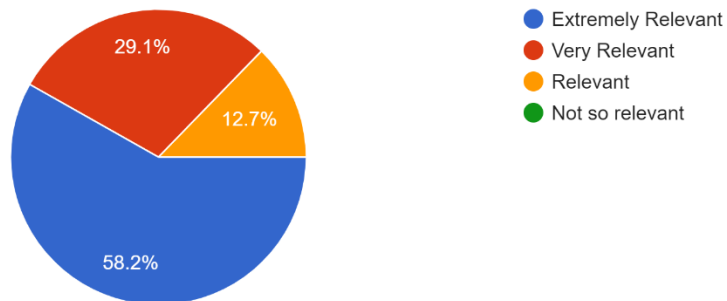
How would you rate the resource person's presentation of the material?

55 responses



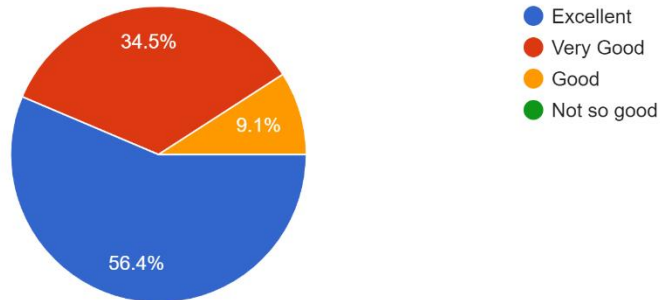
What do you think, how much the material discussed and presented is relevant to the present scenario?

55 responses



How do you grade today's session of the in house FDP?

55 responses



Day 3 (17.5.24)

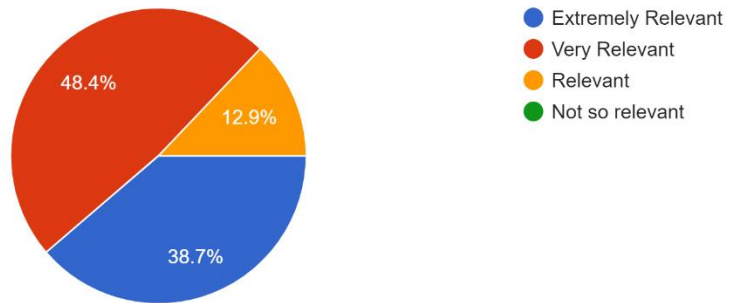
Topic: Quantitative and Qualitative Methods in Research

Speaker: Prof. Dalia Chakraborty

Responses:62

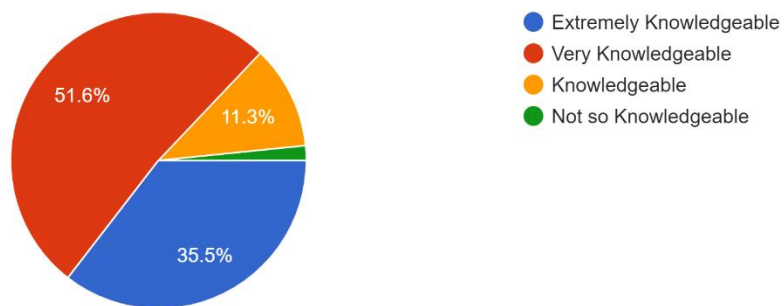
How relevant is today's topic to teaching, learning and research?

62 responses



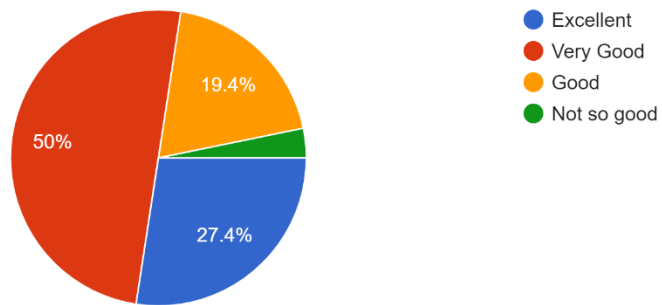
How knowledgeable was your resource person?

62 responses



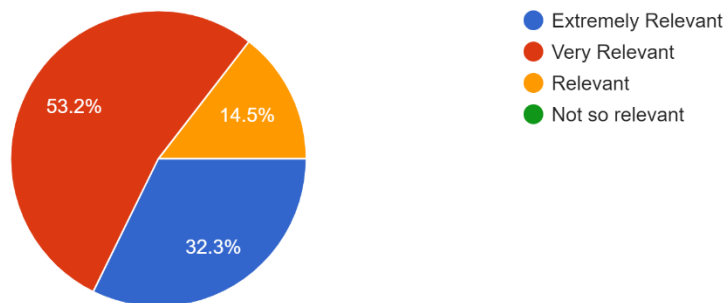
How would you rate the resource person's presentation of the material?

62 responses



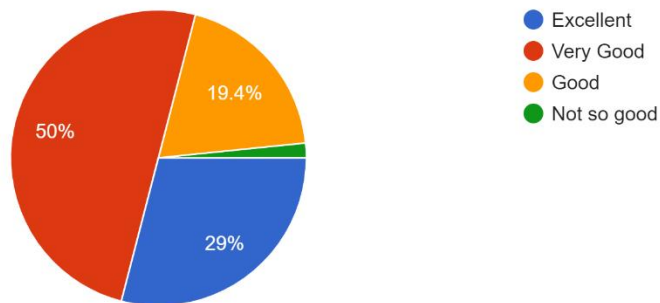
What do you think, how much the material discussed and presented is relevant to the present scenario?

62 responses



How do you grade today's session of the in house FDP?

62 responses



Day 4 (18/5/24)

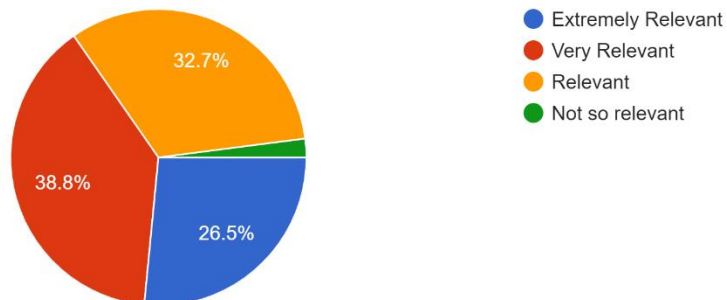
Topic: Intellectual Property Rights

Speaker: Dr. Mahuya Hom Chowdhury

Responses: 49

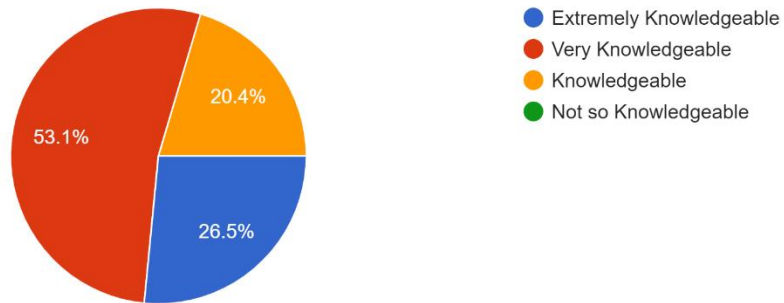
How relevant is today's topic to teaching, learning and research?

49 responses



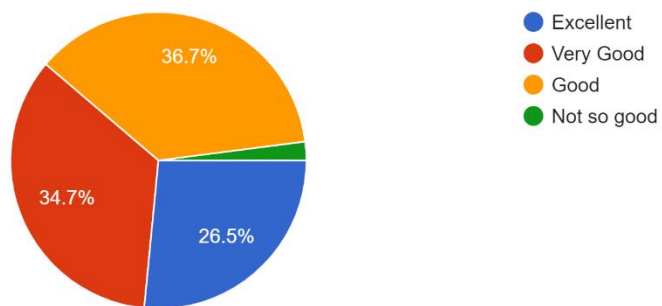
How knowledgeable was your resource person?

49 responses



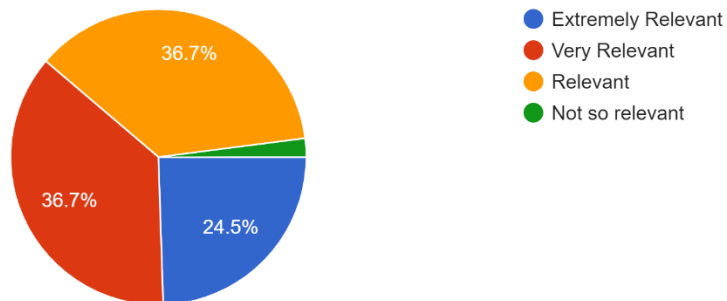
How would you rate the resource person's presentation of the material?

49 responses



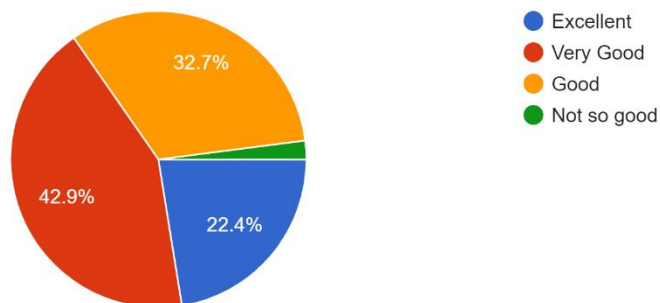
What do you think, how much the material discussed and presented is relevant to the present scenario?

49 responses



How do you grade today's session of the in house FDP?

49 responses



Day 5(20.5.24)

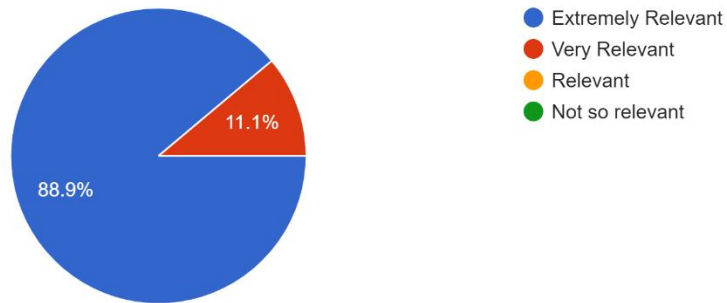
Topic: Effective Interpersonal Skill and High Emotional Intelligence: Key to a Happy Workplace

Speaker: Prof. Sharbari Saha

Responses:27

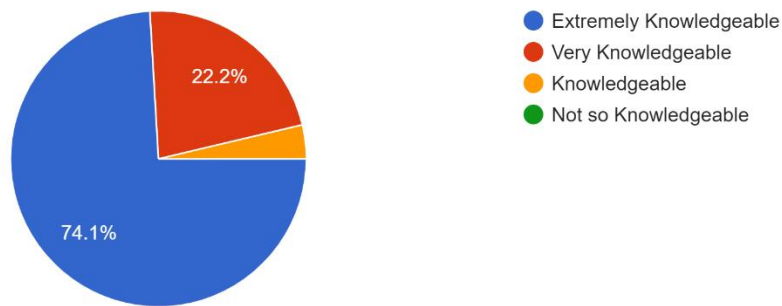
How relevant is today's topic to teaching, learning and research?

27 responses



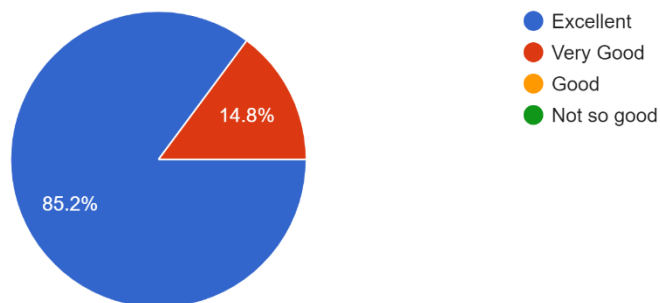
How knowledgeable was your resource person?

27 responses



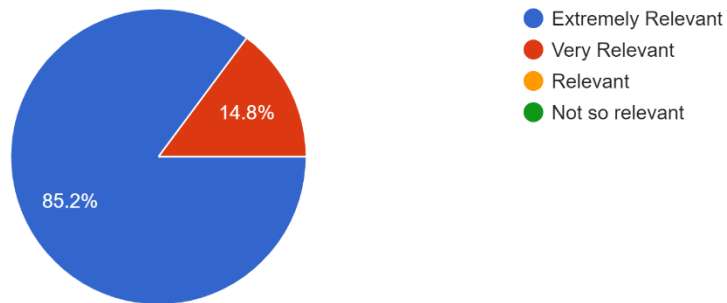
How would you rate the resource person's presentation of the material?

27 responses



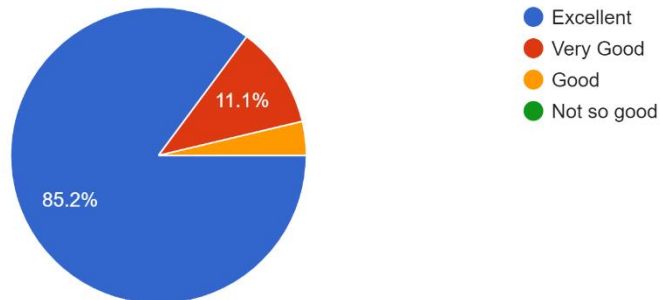
What do you think, how much the material discussed and presented is relevant to the present scenario?

27 responses



How do you grade today's session of the in house FDP?

27 responses



Suggestions given by the participants:

1. Offline sessions preferable
2. Tutorial Kit
3. More topics related to NEP
4. More diverse topics covering all subjects offered in the institution.