

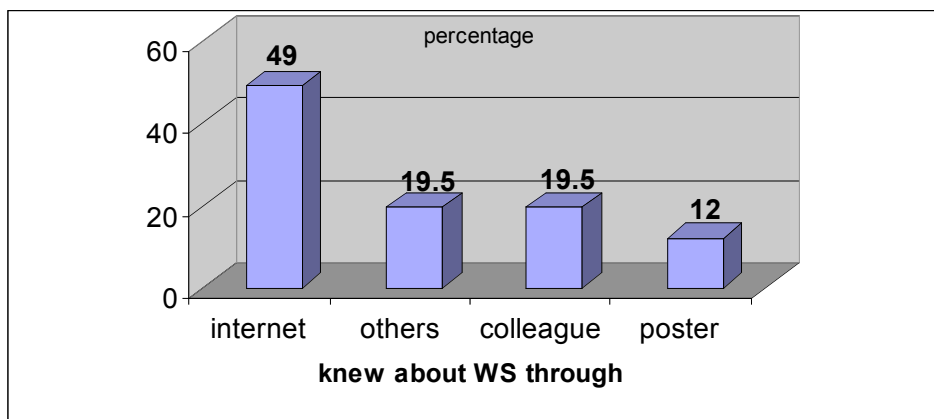
Summary of the survey conducted among participants at the end of 2nd Virtual Training Workshop on Bioinformatics organized by ABREN during July-August 2007

November 16, 2007

We sent a questionnaire to the participants at the end of the workshop, in order to get feedback from participants about various aspects of this workshop. We would like to use this information to improve the next workshop. The number of replies received was 39. Below are the questions and the summaries of answers.

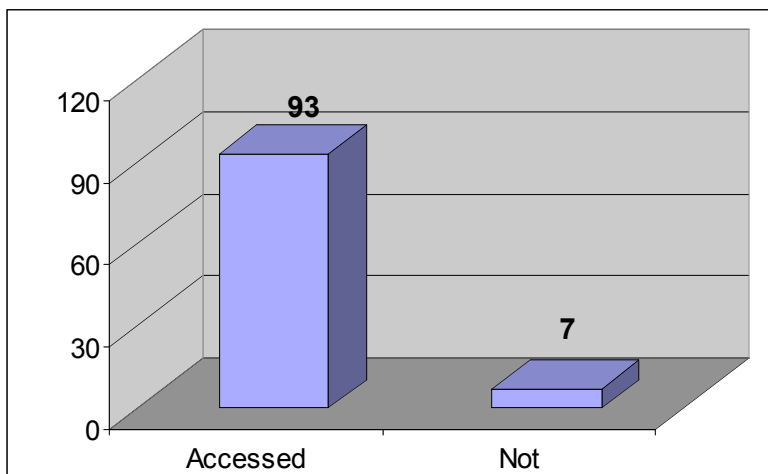
1. How did you know about the workshop?
Internet [] Poster [] Colleague [] Others []

49 % of them came to know the workshop through the Internet



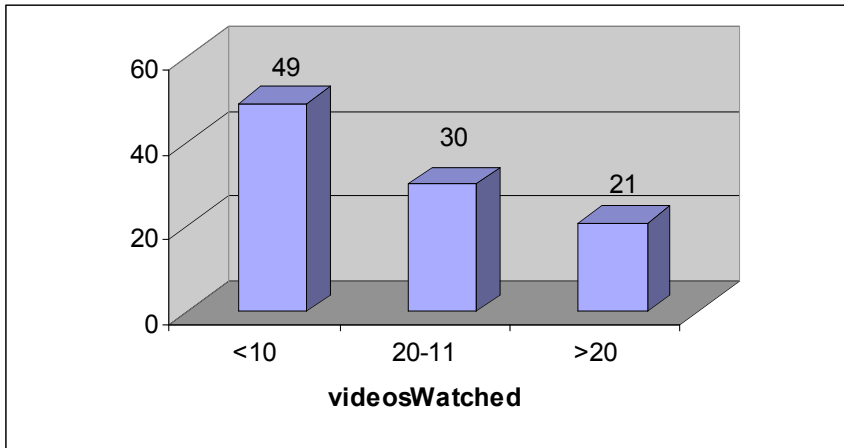
2. Were you able to access the workshop lectures?
Yes [] No []

93 % of them could access the lectures



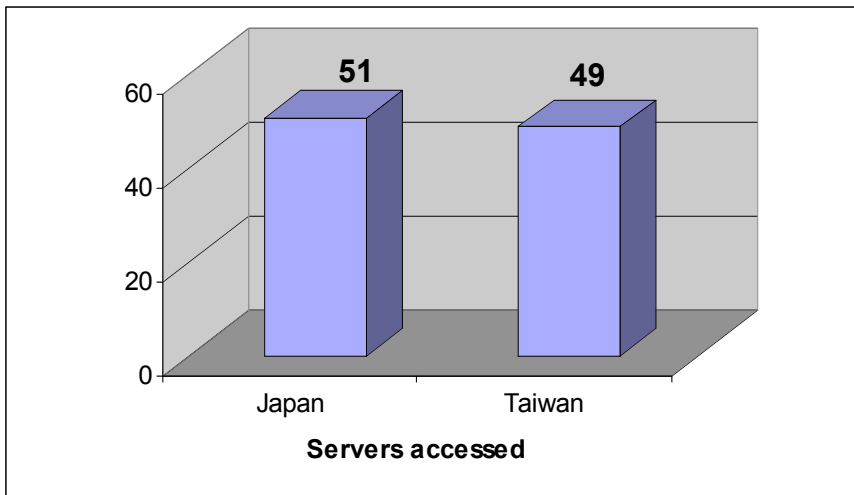
3. How many lectures have you accessed?
Please write a number here: []

Average number of lectures accessed is 16.



49% watched <10 lectures, 30% watched between 11-20 lectures and 21% watched more than 20 lectures.

4. Which server you have used most frequently:
Japan [] Taiwan []

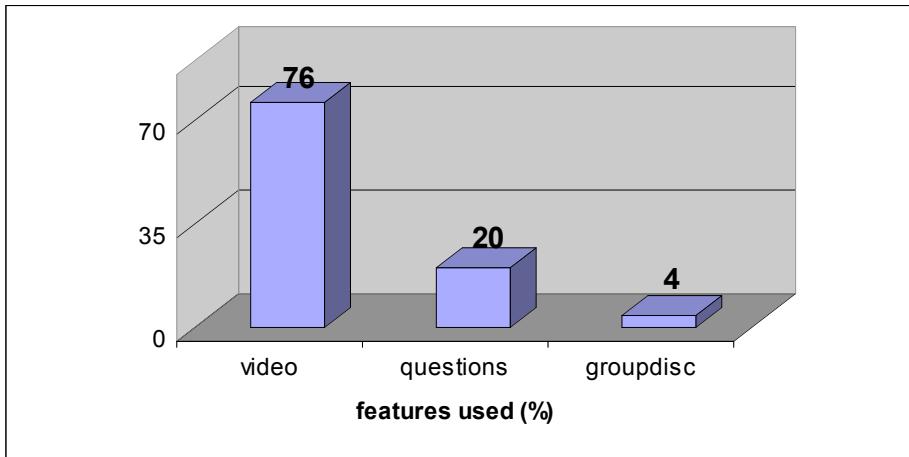


5. What is your location from where you tried to access the workshop? Please name the city and country.
[City: Country:]

India (8), Pakistan (8), Taiwan (7), Egypt (4), Malaysia (3), Japan (3), Korea (2), China (2), Uganda, USA and Singapore (1 each)

6. Which of the following features of the workshop you used (please tick as many as applicable)?
Video [] Question on lecture [] Feedback form []
Group discussion []

76 % used video, 20% questions and 4% group discussion.



6. Please rate the following aspects of the workshop by putting a number from 1(poor) to 5(very good).

Average grading given in the brackets

- Access to the server [3.4]
- Ease of logging in [4.0]
- Ease of navigation [3.6]
- Layout and design [3.6]
- Completeness of information [3.5]
- Topics of lectures [4.2]
- Quality of lectures [4.0]
- Streaming of lectures [3.4]
- Video quality [3.4]
- Audio quality [3.3]
- Slides and explanation [3.8]
- Speakers' language [3.3]
- Answer to questions [3.9]
- Support during workshop [3.9]

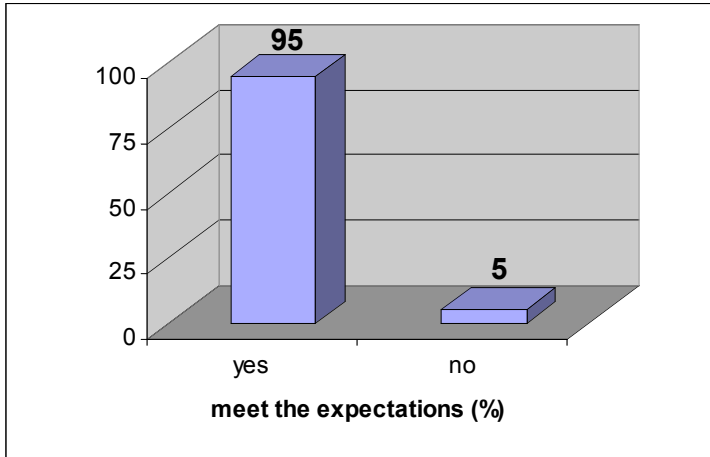
8. Which lectures are most interesting to you? Please list the names of lecture.

Some people listed lectures as below:

Introduction, Structural Bioinformatics, Modeling and simulation, System biology, Databases, Protein structure prediction, Computational Biology, Gene ontology, Data mining, Biogrid etc.

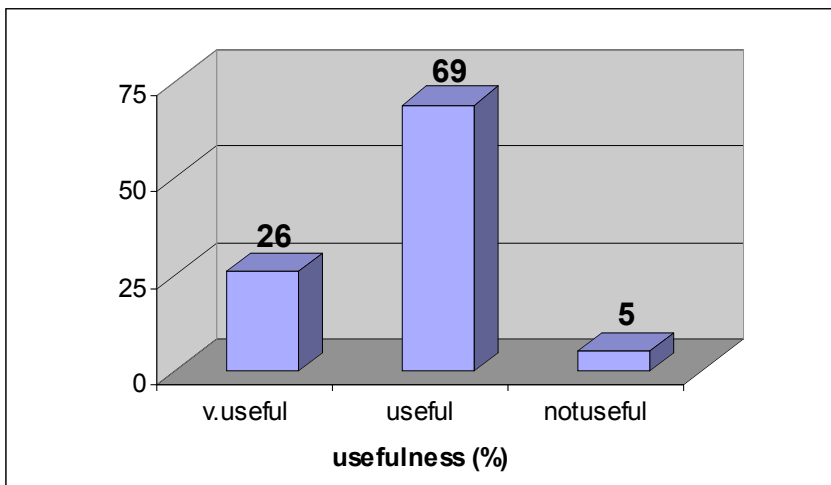
9. Did the workshop content meet your expectations?
 Yes [] No []

95% answered Yes



10. Was this workshop useful for your research/study?
 Very useful [] Useful [] Not useful []

95 % of them found the workshop useful (69+26)



11. If a workshop of this kind is organized again, you would:
 participate [] recommend to others [] none of these []

All are willing to participate.

12. What topics of bioinformatics would you like to learn in future workshop?

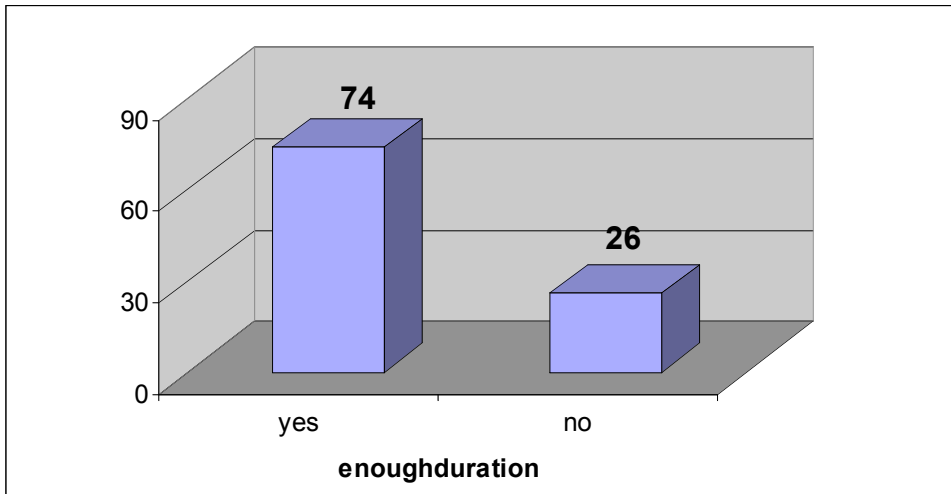
The topics suggested are listed below:

- Advanced protein structure prediction
- Proteomics Data Analysis
- Genomics and proteomics
- application of bioinformatics
- gene ontology
- statistics in bioinformatics for biologists,
- Hidden Marcov Models -sequence analysis,

- artificial intelligence in bioinformatics
- drug discovery
- protein modeling
- more about the use of programming in bioinformatics, bioperl or biojava
- bioinformatics data analysis or more generally dna data analysis using appropriate statistical methods
- protein simulation
- data source combination
- metabolic study
- genome analysis
- relevant soft wares
- Drug designing,
- comparative protein structure modeling
- Micro array, Computational Biology
- Insilco drug design
- Drug Design and R-package, SAS, SPSS
- Molecular Modeling

13. Was the duration of the workshop appropriate for the content?
 Yes No If not, how long is appropriate

74 % polled "Yes", remaining "No" suggesting longer periods (3 months)



14. Would you like to receive information regarding this kind of workshops in future?
 Yes No

All the participants wish to receive the information

15. We provided Real media and Windows media for streaming multimedia lectures. Which streaming media will you prefer in future?
 Real media Windows media Flash media

55% prefer Windows media, 30% Real media and 15% Flash media

16. Are you interested in having a participation certificate on a small fee?

Yes [] No []

54% willing to receive certificate on a small fee, but 46% not.

17. If you have any additional comments/suggestions please describe below.

Additional comments and suggestions are listed below:

- Workshops of this scale should be assessed and appropriately certified.
- It would be nice if lecture material could be downloadable.
- Since many lectures had no PDF or Power Point lecture slides, it would have been better if we could have saved the media formats of the lectures. Also if in the future the lectures are in the form of Power Point in addition to the media format, this would help us to use some of the material from the workshop in our Bioinformatics courses and lecture for academic use.
- Kindly provide almost all topics pdf formats.
List of exercises to all section and answer how to do it.
Certification will be useful in future.
Suggestion of additional information specific web source will be useful for participants; kindly add at the end of every presentation.
- No. It should perfectly in summers so that students can attend properly but extended time leads us to difficulty.
- It would be very helpful if the pdf file of the all presentations would be available, this will help student to concentrate more on the lecture explanation instead of worrying too much about writing and drawing diagrams from the presentation. This will also decrease the time needed to access and see the workshop lectures.
- The workshop was very satisfactory and was of great benefit to me. I would like thank all whom participated in organizing and teaching this workshop.
- The quality of slide should be more informative. Time of the individual lecture should be more and it should be more teaching than knowledgeable. Provide PPT, PDF and lecture notes to the participant. Please also provide the study material in the form of PDF, PPT so that people may be more happy to received material with change.
- 3 months, because i think it is difficult for students or researchers to access more than 5 lectures/week or as an alternative the participant can register for one level only either beginner or intermediate or advanced and complete it within a month.
- Yes but there must be some way to count attendance of the participants and at the end of each lecture there may be online quiz that keep us regular and attentive.
- Thanks a lot for such an excellent effort. In future there may be good arrangement at the beginning so that we from remote could access and we may be provided facility for saving all those slides and audio for our future use. If at the moment we get busy, at another time we

may learn from saved materials. There may be provision of certificate at the end after some exam. There may be some literature available to read in accordance with the lectures.

- Lecturers should be available in form of downloadable, group discussions forum will be formed where anyone can answer the question, related material should also be given along with some questions to be answered.
- I am a university teacher and need the video of lecture # 3-5, 9-22, 38-42 and 50 to teach bioinformatics my university students. Because, in Pakistan no bioinformatics teacher is available. So, kindly provide me these lectures and obliged.
- Please do something on the streaming and if possible, please provide lecture notes for every lecture. But I would like to congratulate on the success of this 2nd virtual seminar.