

“310 International NASE-IAU Astronomy Course”

Manila, Philippines, July, 2022

Questionnaire

Discipline:

Maths	Physics	Chemistry	Biology	Nat. Science	Astronomy	Primary	Other
2%	29%	15%	18%	11%	15%	7%	3%



Level:

Under 12	12 to 18	Over 18
5%	60%	35%



Is this school your first contact with astronomy?

Yes	No
13%	88%



If no, what is your background in astronomy?

Self-taught	Amateurs	Courses	University
22%	8%	31%	39%



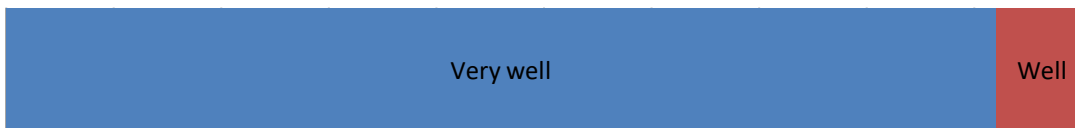
What was the cause for participating in this course?

Professionals	Personnel
75%	25%



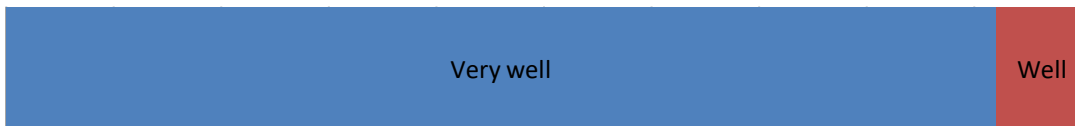
What do you think of the choice of dates?

Very well	Well
92%	8%



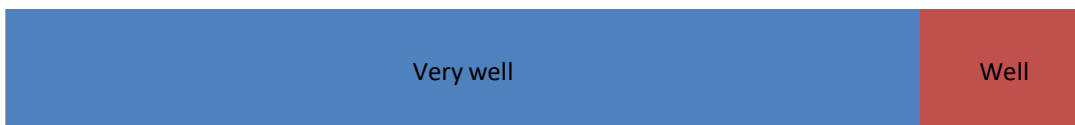
What about duration?

Very well	Well
92%	8%



What do you think of the organization of the day (and night) in four different types of activities: conferences, working groups, workshops, observations?

Very well	Well
85%	15%



What kind of activities have preferred?

All	Workshops	Lectures
67%	25%	8%



What kind of activities you like less?

None	Workshops	Lectures	Working Groups
81%	4%	7%	8%



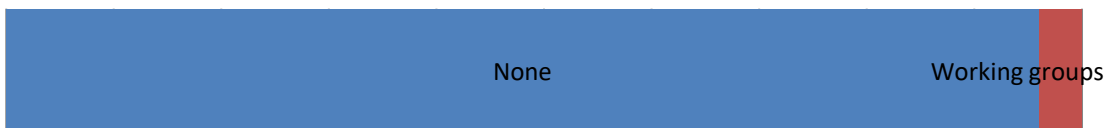
The subjects, have met your expectations?

Very well	Well
77%	23%



What would you delete?

None	Working groups
96%	4%



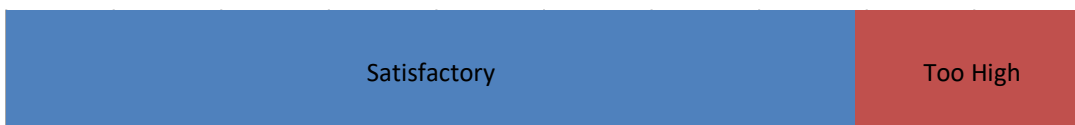
What would you add?

Workshops	Working Groups	Observations	None
14%	25%	20%	41%



The level of activities has been:

Satisfactory	Too High
79%	21%



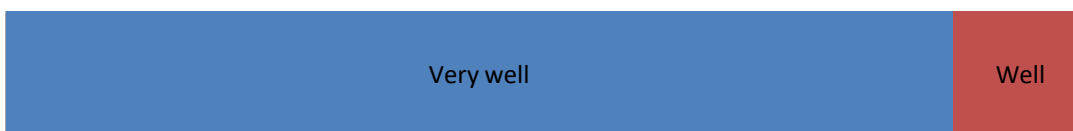
What is your opinion about the teaching methods of teachers?

Very well	Well	Poor
79%	19%	2%



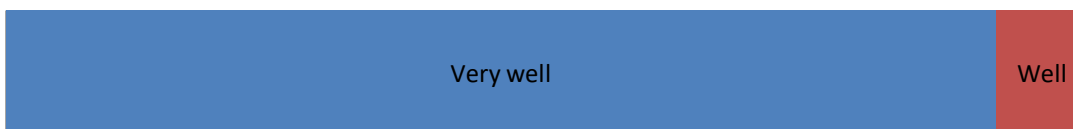
What is your opinion about NASE web?

Very well	Well
88%	12%



What is your opinion about coordination between different activities?

Very well	Well
92%	8%



What is your overall opinion of the course related to:

a) Exchanges and contacts with other participants?

Very interesting	Interesting	Uninteresting
67%	27%	6%



b) What is your opinion about the usefulness of the course to their teaching?

Very useful
100%

Very useful

What especially criticize?

- None
- N/A
- They teaching lectures that is easy to understand by everyone
- Sir Parham had a hard time speaking in English so he cannot explain the topic well
- Latest astronomy breakthroughs
- Sir Parham's discussion. It was brief and not comprehensively discussed.
- None so far
- None. Everything went well.
- Connectivity
- Most probably, the lectures or activities should be given prior to the training
- The materials are easy to use.
- Everything in all the activity was very good
- Their tone of voice sometimes
- As expected, this workshop gave me so much new information and ways on how I can effectively teach astronomy to my students. Every session is interesting.
- Your workshop- online was an excellent venue for adult instruction and learning
- The speakers are all well-equipped with knowledge needed for understanding the various concepts in astronomy.
- The focus discipline.
- Nothing else
- None that I can think of.
- Longer time for workshop.
- Well, the teachers who attended are asking some basic questions whose answers they should already know. This unnecessarily takes up a lot of time. I suggest that the participants who registered must be required to undergo an assessment as to what they know about the basic topics of optics, polarization, Hubble's law, etc. so that a separate review-lecture course for them will be conducted prior to the workshop itself.

What you would value more?

- The learnings
- All lectures and workshops
- The simple applications of the astrophysics concepts
- The experiments and activities
- The prepared activities aside from the lectures

- All of it and the experience
- The workshops. Very helpful.
- The pedagogy in the astronomy and how to teach astronomy content so that it'll be understood better by students.
- The activities
- The demonstrations or experiments
- I would value more the mode of demonstration because it can be use as a great tool in teaching students.
- The activities are really cool.
- Workshops
- The activities and the materials provided.
- The workshops! They are so cool!
- The activities for each topic
- What I value more are those workshops and homebased experiments
- Resources
- Expertise of the speakers
- The interesting activities in line with the topics
- More activities and lectures on how we would be able to deliver complicated topics to our learners who seem uninterested.
- The various activities demonstrated by the resource speakers
- Workshops and lectures
- I value the sample experiments and activities the most. It was all new and interesting.
- The activities given to us.
- The activities discussed.
- Maybe the topic about Astro-Biology
- In-depth understanding and explanations in the context.
- More engaging activities
- The lectures of the speakers and the activities they had provided.
- I would totally value the activities that we have on this 4-day seminar-workshop as these activities indeed shows different concepts in astronomy (and also physics) and also the materials are accessible, thus would be very helpful when I start my teaching career. (I am a fresh graduate and aims to teach students very soon)
- The learnings I got from different speakers.
- I value the knowledges I obtain
- Workshop and Working Groups
- The activities that show how it works in real life.
- The given activities and the opportunity to share them with our students.
- The learnings and how we will use the materials in our classes.
- Enhanced Skills during the workshop

Other observations?

- I'm beginning to like astronomy more after this course
- I like how astronomy was made easier through the workshops. Been looking forward to use the strategies I learned when I teach.
- None so far
- I would like to suggest to create more projects just like this because it creates a great venture.
- Great training!
- I love the speakers! They are so knowledgeable.
- It is a little difficult for participants to do the activities in this setup. I am sure though that the activities are fun to do in the face-to-face setting.
- N/A
- Time allotment is recommended
- I feel so blessed to be part of this seminar.
- Particularly observed that there is a lesser interaction of the lecturers and the participants, only in the q& a and I appreciate it because that way we cover more of the important topics which are really the focus.
- The resource speakers patiently demonstrated the activities.
- The workshop is great. The topics are interesting and amazing. It will surely help in my classes.
- I love how simple yet interesting and informative activities in workshop are.
- I just want to have the materials days before the session so that I can prepare and complete them before I attend the meeting.
- Your workshop- online was an excellent venue for adult instruction and learning. I hope that there will be more of NASE online webinars or workshops that we can learn from. Thank you.
- The lecturers or speakers are very accommodating and showcases their expertise on the subject matter very well. The participants are very active. The host of the session is really great in accommodating us, making us feel comfortable and welcome throughout this 4-day seminar-workshop.
- Somehow, there were some words that some speakers say that I cannot understand well.
- Aside from practical materials, I hope to use digital/computerized versions also of instructional materials.
- It is really important how a concept works in the outside world as students would be able to understand them better rather than just giving them the theoretical foundation.
- I am very grateful to NASE for sharing their expertise with us.
- They are very generous in sharing all the resources and materials for the benefit of teachers and love for Astronomy so that we will be able to share them also to our students.
- Practical use of recycled materials by the demo teachers/speakers. Amazing!
- Looking forward to more similar workshops
- The activities were really amazing!