

DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR-10

DEPARTMENT OF PHYSICS

SCIENCE MODEL MAKING COMPETITION

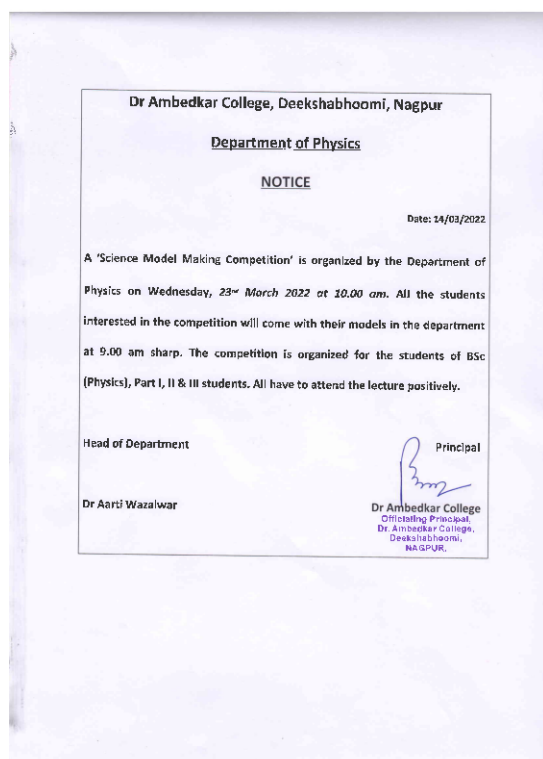
(2021-22)

Name of the Programme: **SCIENCE MODEL MAKING COMPETITION (2021-22)**

Date of the Programme : 23/03/2022

Number of Participants : 150

Hosted by : Department of Physics



A Science Model Making Competition was held in Department of Physics, Dr. Ambedkar College Nagpur on 23rd March 2022.

The competition began by welcoming Principal of the College, Dr. B. A. Mehre. Then the activity in-charge and Head of the Department welcomed the esteemed Judges Dr. Raju Belekar, Assistant Professor, Institute of Science College Nagpur and Dr. Nomdev Gahane, Assistant Professor, Hislop College, Nagpur.

The students made environment friendly and cost-effective models which had real life applications. Models were so designed as to explain the basic concepts of Physics. About 17 entries were received. The model making was taken up with great enthusiasm by students and some innovative models were showcased by students. Names of some of the models were Smoke Alarm, Steam engine, Projector, Solar panel, Earthquake detector alarm, Escalator, car speed controller, full wave rectifier circuit, Hydraulic lift etc

The students demonstrated functioning of models in an impeccable manner and impressed the judges with their exemplary explanations. Team members of all Groups participated enthusiastically and answered the questions asked by judges.

Winners were

First Prize – Projector (Sakshi Khandare from Sem IV)

Second Prize – Escalator (Mansi Gupta & Nancy Soni from Sem VI)

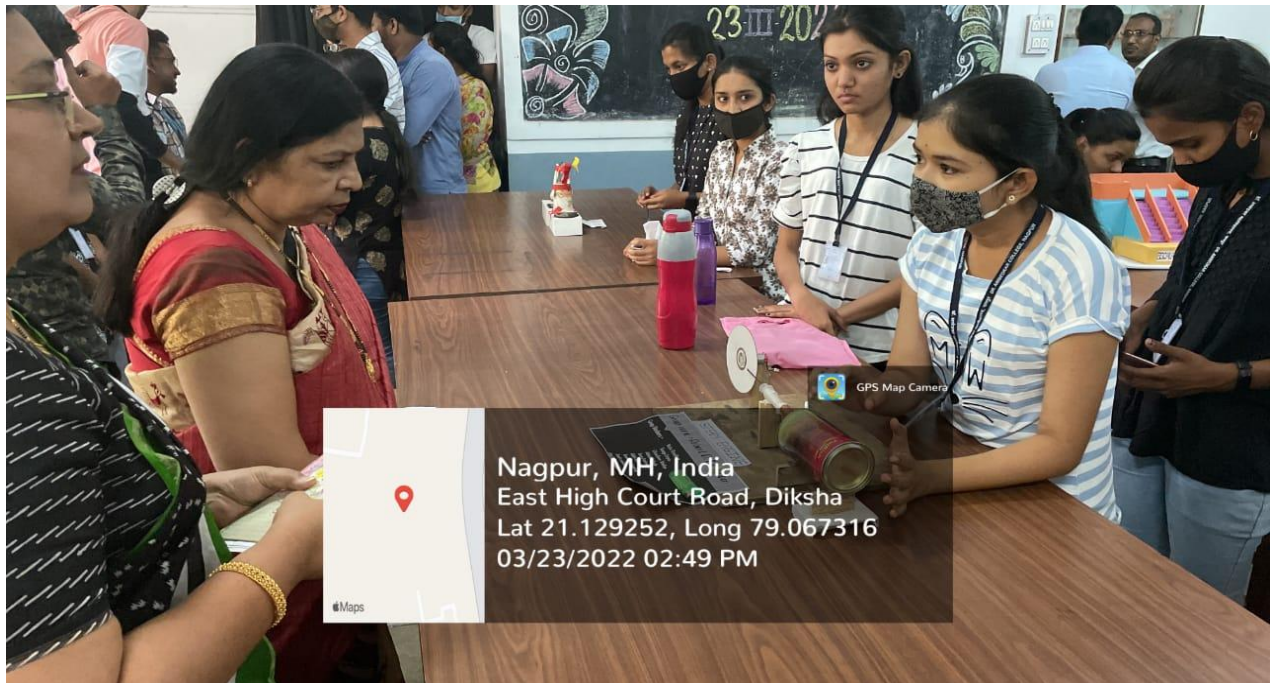
Third Prize - Newton's Cradle (Sanika, Simran)

The prize distribution ceremony was taken in the Department of Physics. Principal, Dr. B. A. Mehre, both the judges Dr Raju Belekar and Dr Nomdeo Gahane along with all the faculty members of the department declared and congratulated the winners. Dr Raju Belekar spoke on the occasion. He said that the activity was very good and that students presented the models very nicely. Mr Nandkishor Meshram ensured smooth conduct of the program. The activity concluded by vote of thanks by Dr (Mrs) Aarti N. Wazalwar.

Physics model demonstration and Judgement









Welcoming the judges



Valedictory function



FEEDBACK

5) Did you like the competition and why? 20 responses

Yes

Yes

Yes like it

Yes I like the competition , the competition helped me to improve my explanation skills and boost my confidence

It was very informative and got to know about very more new things

Yes, it made us understand different concepts in physics

Yes because we got familiar with new physics concepts and also our old concepta got clear via models

Yes loved to participate in the competition.

It was good filled with lots of talent and fun

I liked it very much because we had an experience of group activity and many ideas were exchanged while planning for the model. It was absolutely a great chance to have fun in offline mode.

Yes , I like the competition because it encourages students

Yess because there were so many interesting models

Yes it makes me more creative and productive.

Yes, it helped me learn new ideas about physics.

I loved the competition because I was able to apply the principles I had learnt

Yes, through model making competition we get many more innovative ideas n had done experiments which will helps to understand more effectively.

Yes I liked it enjoyed making model for the competition

Yes, It is very inspirational

6) Which other competitions would you like to be organised on? 8 responses

Models depending on A.I and physics

Debate between two theories or concepts

Debate

Interactions debates, more ideas for ideal futuristic world

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Quiz competition

Seminar

Seminar and debates

7) What did you learn from such competitions? 10 responses

Feel confident to do more

It helps us to improve our confidence and learn new scientific things

That how physics is used in daily life

Our concepts get clear and also by participating in such competitions our soft skills also develop

That we have so much creativity

Responsibility Focus Comradeship

Improving teamwork and collaboration

We learn to upgrade our skills.

Leadership

Got to know more about physics

8) What is your feedback regarding the competition? 9 responses

Excellent work

It's amazing we just love to participate in such competition and learn something new

The competition was very informative and judges also enhanced our knowledge

That was a nice competition and I would like to have more such competitions

Best

Competition was amazing ☐
Everything is fine
It was great
It innovates our ideas n helps us to understand more.

9)Any suggestions/comments?3 responses

Plz organise such more competition in Artificial intelligence field
No
It was nice

10) Your Feedback as a student/participant for the competition8 responses

Very excellent work by department
I'm happy that I got the opportunity to be the part and learn something new
The program helped us to enhance our knowledge to a greater extent
No comments
Best activity
Model making is a fashion . Fashionate students create models from raw materials and components.
It's OK
It was phenomenal