

# Report

**Topic: Renewable energy source and its importance to society**

**Date of activity: 1.9.2019 to 14.09.2019 (2019-2020)**

**Organized by : Department of Physics**

**Participant: B.Sc. second year student's Mathematics and Computer Science group**

## **Description:**

We all know that directly or indirectly complete society is depending on conventional sources or non-renewable energy source and that will be finish shortly. Now all society members around us think over it and take a search of alternative source of energy which will fulfill our need after completely drag out of conventional sources like solar energy, wind energy, biogas energy, tidal energy, biomass energy etc.

So to make awareness of the renewable energy source among students and society department of Physics every year organized presentation competition under "**Renewable energy source and its importance to society**" in a field like various area of nearby college by the students. In that they make different model, poster or presentation on solar energy can be one of the good source of energy for the India but Indian people fail to utilize it. Every participant was awarded certificate of appreciation.

The organizing committee and Head of the department Prof. Umar Bhati and a guest appreciate the efforts have been taking by students to explain the advantages of renewable energy source and also extended their thanks to respected Principal sir Dr. A.L. Kulat and Head of the science faculty Dr. S. P. Wagh continuously supporting and motivating the students.

HOD  
Department of Physics

Principal

**Enclosure:** Photos of presentation



**Student of B.Sc. Second year explained concept of renewable energy sources and E-waste management to Society Members.**



**Student of B.Sc. Second year explained concept of renewable energy sources and E-waste management to Society Members.**



**Student of B.Sc. Second year explained concept of renewable energy sources and E-waste management to Society Members.**

# Report

**Topic: Remove fear takes participation and creates interest in Science.**

**Date of activity:2019-2020**

**Organized by : Department of Physics**

**Participant: B.Sc. second year student's Mathematics and Computer Science group**

**Description:**

From academic year 2013 onward department organized the various activity in the department such as poster competition, science exhibition, various Guest lecture, drawing competition, essay writing and reading competition, poster paper presentation competition, and this all competition made the student more confidence in the classroom activities in the college. Now, it was the time to go field and demonstrated the knowledge to society. Also students are the member of the society and to create the sense of the responsibility towards the society, department had taken the initiative to increase the level of confidence in the students. So, department organized a field project for B.Sc. final year students of name “**Remove fear, take participation & create interest in science**”. In this project B.Sc. final year students went to nearby School/ College and presented the science model in that school/ college. Students has already known how to create the model, how to present the model. Now it was chance for students to go and presented science model in various school/ Jr. College etc.

In this activity students selected the particular School as per convenient & had taken prior permission from administration of school. After getting the permission from the school our students went to the school and demonstrated the model/ project in front of the students in that school. The aim of this competition was remove the fear of science in the Rural students. Many times students having the knowledge but have fear to participate in any competition. Remove fear, it was necessary and it was only possible when someone from their own village must got the success. So when our student had went to the School/ college demonstrated their project in front village students, they were motivated and asked many types of the question to our students and they realized that it was not be a very difficult to participate such type of a competition. Also this was setup the platform to the ruler student to ask a question.

In this academic session 2019-20, In this activity we were covered nearby 27 different School means they were demonstrated in 27 different the school and it got thousands or more number of the students was benefited by this activity.

The success of this activity was due to the large number of the participant of the B.Sc. final year students who went to the different school which not be possible for a single teacher to go

such a large number of the schools and villages. Really this activity is benefited to the society, benefited to the student of our college, benefited to the rural area students.

Department was very thankful to the final year student for their active participation in the activity. Department was also thankful to all the school who gave an opportunity to our students to demonstrate their model and project in their school. Department was also thankful all the teachers of the department who take continuously effort to make them this activity to be a successful.

SN.	Name Of Project	Participate Student	Presentation Institution
	Home Projector	1. Ku. Achal D. Bhamburkar 2. Ku. Kranti M. Wagh	1. ShivajiVidyalayAkot
	Solar Power Irrigation	3. Ku. Dhanashri S. Pachade	2. ShivajiVidyalayAkot
	Solar Village	4. Mr. Pavan M. Tayade	3. ShriNeharuVidyalaya, Akolkhed
	Sewage Treatment Plant	5. Prathmesh R. Sapkal 6. PrawalKorade	4. Smt. LaxmibaiGanganeVidyalayWadali
	Water Level Indiator	7. VaishaviDahimale 8. MrunalKalmegh	5. Jilhparishad Primary and Jr. College Akot.
	The wind Turbine and Emergency Charger	9. ShreyaPachade 10. HinaGanbhoj 11. ShubhangiPalekar 12. Aditi Thakur	6. New G.S.S. and R. Sardar Jr. collegeAkot.
	Anti-Gravity Self Roller	13. Ku. Pallavi A. Kankale 14. Ku. Vaishanavi B. Mankar	7. KashibaiAgrawalVidyalayaYeoda
	Solar power Irrigation system	15. Ku. Shardha N. Atalkar 16. Ku. VaishaviWakode 17. Ku. Ruchika S. Sufalkar	8. Sarswatipratimik Marathi shalaAkot
	Water Level Indicator (Alarm)	18. Ku. AnkitaSagane 19. Ku. PoojaGaydhar	9. Jilhparishad Primary School Akoli
	Water Alarm	20. Ku. Pallavi N. Jaiswal 21. Ku. Gauri S. Mansute	10. JilhparishadMiddle School Akot
	Solar System	22. Ku. Gauri T. Sonone 23. Ku. Rani D. Solanke 24. Ku. Monika S. Khadekar	11. BabasahebKhotare Jr. College, Sirsoli
	Solar power Irrigation system	25. Ku. VAishanavi S. More 26. Ku. Bharati S. Jumale	12. VikasVidyalayaWadaner (gangai)

	Home Projector	27. Ku. Kalyani R. Lonkar 28. Ku. Nikita S. Rande	13. NarshingVidyalayaAkot
	Simple Motor Machine	29. Ku. HumeraFatema 30. Ku. RupaliChotmal	14. Girl's Urdu High School Akot
	Vacuum Cleaner	31. Ku. BhagyshreeRathi 32. Ku. Ashwini A. Patrikar	15. ShivajiVidyalayAkot
	Home Projector	33. Ku. Kalyani R. Lonkar	16. ShivajiVidyalayAkot
	Free Energy Generator	34. Ku. Pratiksha P. Kale	17. Jilhaparishad Primary School, Sawargaon
	Wind Turbine Fan	35. Ku. Vaishnavi P. Awdankar 36. Ku. Gauri S. Asalkar 37. Ku. Vaishnavi S. Kedar	18. JilhaparishadMiddle School Akot
	Fire Alarm	38. Shivani S. Kale 39. Ku. Rohani A. Wande 40. Ku. Vaishnavi R. Kale	19. KashibaiAgrawalVidyalayaYeoda
	Hydraulic Bridge	41. Mr. Nishant S. Kane 42. Mr. Bhushan D. Charhate 43. Mr. shyam G. Satpute	20. Freedom English HischoolAkot
		44. Ku. Vaishnavi R. Thorat 45. Ku. Vaishnavi N. Aglawe	21. Z. P. Primary School Sawara
	Automatic Street light	46. Ku. SimranSabhagchandani 47. Ku. SnehaAmbuskar 48. Ku. SakshiDhokane	22. BhausahabPote middle and Jr. College Akot
	Rocket	49. Ku. PriyankaDeshmukh 50. Ku. Bhavika B. Sawarkar 51. Ku. VaishnaviPatkar	23. SarwajanikVidyalaya and Jr. College ChhhotaBazzar
		52. Ku. Dnyaneshwari S. Bopulkar 53. Ku. Dnyaneshwari V. Mane	24. Z. P. Primary School Turkhed
		54. Ku. Vaishnavi S. Kedar 55. Ku. Pallavi R. Gaygoi 56. Ku. KalpanaPatil	25. Wadoda Primary School, Akot
		57. Ku. PratikshaAmbhone 58. Ku. Apurva S. Vikhe 59. Ku. NehaKhalokar 60. Ku. SakshiKulat	26. AnadraoSangole Middle School Edalapur
		61. Mr. Kunal S. Pimprale	27. Shri Nehru VidyalayaAkolkhed
	<b>27 Model</b>	<b>60 Students</b>	<b>27 School</b>

HOD  
Department of Physics

Principal

**Enclosure:** Photos of presentation



**Student of B.Sc. Final year explained Science Model to School students in Akot City**



**Student of B.Sc. Final year explained Science Model to School students in Akot City.**



**Student of B.Sc. Final year explained Science Model to School students at  
WadnergangaiTaluka.**

# Report

**Topic: One day workshop on Basic Knowledge in Computer, Internet and MS-office for teaching and supporting staff members.**

**Date of activity: 22.8.2019**

**Organized by : Department of Physics, Computer Science and IQAC**

**Participant: B.Sc. second year student's math's and CPS group**

## **Description:**

The era of digitalism basically started with the invention of computer. Since then, our society has been experiencing remarkable growth in technology by getting benefited from digital products including PCs, laptops, mobile phones, cameras etc. As a matter of fact, everything started with computer, therefore the knowledge of computer, internet and MS-office is much important than any other thing. Students and other common person belonging to different fields must have the knowledge of computer because its use is required in every area. Whether you become a doctor or an engineer, a businessman or a housewife, you'll always need computer knowledge. This workshop acts like a one of the baby step towards to spread the knowledge of computer and MS-office to our teachers and supporting staff members, **department of Physics , Computer Science and IQAC** jointly organized this one day workshop for them.

In this workshop the following points had covered.

- **Use of Emails:**

The understanding of computer is important for every person so that they can send and receive emails easily. Some teachers also ask for assignment submission through emails and students should do that privately to keep it confidential because asking for someone's help might make you lose your work's uniqueness

- **Digital Documentation knowledge:**

By using computer, there is no need to hold a bulky sheets and files. Every person need to do digital documentation by using Word, Adobe reader, PPT and Excel to complete assigned works properly.

- **Internet research proficiency:**

The knowledge of internet has saved a lot of time. Through internet you can find exactly your desired topic and reference material in few minutes with no effort. Computer

knowledge provides internet research proficiency so that you can enjoy good and relative content for your project by saving a lot of your precious time.

- **Expertise in MS-Office:**

Computer proficiency basically improves your mind's understanding level overall. You can operate latest digital gadgets, without any prior knowledge, just on the basis of your computer expertise. Apart from this to make any document or list and any presentation we should have knowledge of MS-Office i.e word, excel, PowerPoint etc.

**HOD**  
**Department of Physics**

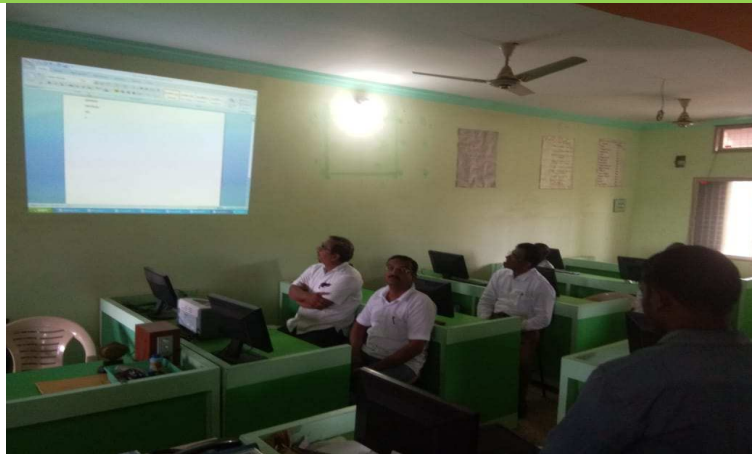
**Principal**

**Enclosure:** Photos of presentation.

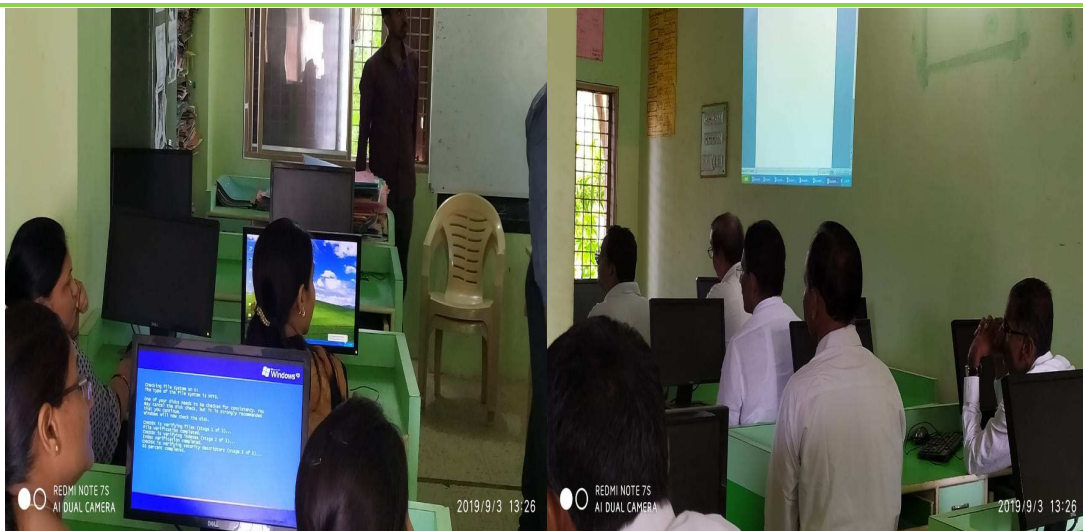




**Participant in the workshop**



**Hand on training session for participant**



**Hand on training session for participant**

# Report

**Topic: Conduction of ICT Classes for B.Sc. I , II and III year students**

**Date of activity: Session 2019-20**

**Organized by : Department of Physics**

**Participant: B.Sc. I , II and III year student's math's and CPS group**

**Description:**

Now a day students centralize teaching is required. To develop the quality of students, to explore their hidden talent and intelligence lot many things has to do by the teachers instead of typical teaching that's why department of Physics conduct ICT classes for the students on different topic of syllabus to understand various topic digitally by showing them videos and PPT's.

**HOD  
Department of Physics**

**Principal**