

Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Science Association

ANNUAL REPORT FOR ACADEMIC YEAR 2016-17

Vision: To encourage in born curiosity of learners & to increase scientific literacy among the students and peoples of Dapoli and nearby rural areas.

► **Composition of Committee**

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|--------------------------------|---------------------|------------------|
| ➤ Mr. S. S. Marathe – Convener | Mr. K. V. Gandhi | Dr. B. A. Yamgar |
| ➤ Miss G. S. Phadke | Miss P. V. Patil | Mr. M. N. Lad |
| ➤ Mr. M. K. Pethe | Mr. S. R. Mehendale | Miss R. S. Salvi |

► **Dates of Meetings Conducted**

- 03rd July 2016 , 23rd July 2016, 27th August 2016, 05th December 2017, 3rd January 2017 , 12th January 2017

► **Plans of The Activities at The Beginning of The Year**

- Organisation of Inauguration of the activities for the academic year 2016-17.
- Organisation of lectures / slide shows / demonstrations on scientific issues.
- Organisation of VidnyanJagar.
- Organisation of VidnyanVyakhyanmala.
- Organisation of model or poster competition for highschool students of tahasil.
- Celebration of National Science Day on 28th February 2017.

► **Activities Organised in academic year 2016-2017.**

➤ **Inauguration of Science Association Activities for the Year 2016-17:**

This function was organized on 28th July 2016. Dr. Suchendra Datta well renowned taxonomist and associate professor in Botany, M. D. National College Mumbai was the Inaugural Guest for the function. Principal Dr. Sandesh Jagdale Presided over the function. On this occasion Dr. Suchendra Datta had delivered a lecture on 'Destruction of Ecosystems due to manmade environmental problems' in front of college students.

➤ **Lecture on Solar Storms and their consequences by Saurabh Bodas:**

Organised on 30th August 2016 for college students. He explained generation of solar storm waves, their types, their propagation and their direct as well as indirect effect to earth if that hit to earth.

➤ **'VidnyanJagar - 2017' on 17th and 18th January 2017:** This is the science fair organized for highschoools of the tahasil as well as for all the citizens based on the theme 'To revel and understand scientific principle through laboratory experiments.'**EVENTS ORGANIZED DURING THE 'VIDNYAN JAGAR – 2017'**

1.Exhibition of Experiments inScience 2.Poster Competition for Hightschool Students.

▶ **Exhibition of Experiments in Science:** This huge exhibition was organized on 17th and 18th January 2017at college and was open to all since morning 9:30 am to evening 5:30 for all school students, teachers and for all science lovers. In this exhibition Department of Physics, Chemistry, Botany, Zoology, Microbiology, Computer Science as well as Commerce had presented experiments, working models, instruments, high end equipments with their specific uses as well as informative charts in their respective laboratories. This exhibition was huge, elaborative and covering all spectrums of basic science subjects as it was spread in 10 different sections and visitors had to spend at least 2.5 hours to see the entire exhibition. Students from all the classes viz F. Y. B. Sc. /B. Com. S. Y. B. Sc. T. Y. B.Sc. M. Sc. Pat I & II were distributed in different groups of volunteers and worked for different departments where they presented the exhibits of the respective departments as well as organized the visitors.This exhibition has remarkably benefited to the school going students as they can perform the experiments, finds the observations through demonstrations as well as exposed to high end instruments and equipments, otherwise this was not possible at their school laboratory. This fact was realisedus during the oral responses shared by students as well as teachers of various schools visited the exhibition with our college teachers and volunteers and from their written feedback. All the visitor citizens were also pleased and satisfied with our attempt and had satisfaction of learning new things and reveling scientific facts behind some common things in our daily life. This was the feedback shared by most of the citizen visitors with us.

No of Schools Visited – 15, No of Students Visitors – 3400,

No of Teacher Visitors – 250, No of Citizen Visitors - 300

► **Poster Competition for High School Students:** Second Major event were organized during VidnyanJagar – 2017. This competition was organized for students of STD 08-12th of all High Schools and Junior colleges in Dapoli Tahasil. Posters were called from the students on following subjects

उर्जा स्रोतांचे संवर्धन -काळाची गरज (Conservation of Natural Energy Resources – Need of Time)

नैसर्गिक उर्जा स्रोत (Natural Energy Resources)

उर्जेचा अपव्यय टाळा (Avoid Unnecessary Use of Energy)

These Subjects were decided on account of **International Year for sustainable energy to all – 2016**. Total 18 Posters were received from 10 Schools. These Posters were displayed during **Exhibition of Experiments in Science on 17th & 18th January 2017**. These posters were examined by panel of referee and following are names of prize winners.

Rank	Name of Student and Class	Name of School	Prize Amount
1 st	Ku. Kshitij Santosh Burate (10 th)	A. G. High School Dapoli	Rs 500:00 Medal & Certificate
2 nd	Ku. Apoorva Arun Bhosale (9 th)	R. R. Vaidya English Medium School Dapoli	Rs 300:00 Medal & Certificate
3 rd	Ku. Manjiree Mangesh Khedekar (9 th)	R. R. Vaidya English Medium School Dapoli	Rs 200:00 Medal & Certificate
consolation	Ku. Nivedita Tukaram Garande (9 th)	A. G. High School Dapoli	Medal & Certificate

► **Celebration of National Science Day 28th February 2017:**

► On occasion of National Science Day on 28th February Slide Show was organized at **A.G. Highschool Dapoli**. Resource person was **Mrs. Jilpa Nijasure** Pioneer person of firm 'KRISHIVARADA' which is activity involved in organizing nature trails, environment awareness programs. The theme of slide show was 'Biodiversity in Western Ghat'. She has presented various pictures of different ecosystems, Birds, Microbes, Migratory Birds And Flaura And Fauna observed in western ghat region and also explain the interlinked between them. Total 500 students of 8th and 9th standards were present for this slide show.

- ▶ On occasion of National Science Day 28th February 2017 medicinal plants were planted by Science Association in the college botanical garden by hands of Hon. Principal Dr. S.P.Jagdale and Prof. V. P. Masal I/C Head, Department of Botany.

- **DES- INSPIRE INTERNSHIP CAMP-2017**

- DES-INSPIRE INTERNSHIP CAMP is organised every year with due logistic and monitory support of Dapoli Education Society for students of 11th Science standard on parallel theme of DST-INSPIRE. Department of Science and Technology (DST), Govt. of India has initiated various schemes under INSPIRE (Innovation in Science Pursuit for Inspired Research) program of DST (<http://www.inspire-dst.gov.in/>) to attract and retain large number of students in basic science and to promote research. One of the schemes is to organize workshops for 11thstd students. The workshops are intended to expose students to the excitement and methods of science, research and innovation, just prior to the time when they make their career decisions (normally after 12thstd). This camp is become helpful for 11th Science students of Dapoli and adjoining area.
- This year it is inaugurated by Dr. Subhash Chavan Associate Dean Dr. Balasaheb Sawant KonkanKrishiVidyapeeth Dapoli
- No. Junior College Participated: 5
- No. Students Participated: 135
- No. of Lecture Sessions: 9
- No. of Practical Sessions: 6
- No. of Hands on practical sessions: 4