



Criterion 2 - Teaching-learning and Evaluation

Key Indicator 2.3 Teaching- Learning Process

Metric No. 2.3.1
Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

SCIENCE EXHIBITION



Report
on
Science Exhibition and Start-up Project Competition 2021

On the occasion of Birthday of Hon. Shri. Sharad Pawar, Member of Parliament; Ex-Agriculture Minister, Govt. of India, every year we celebrate the birthday by organizing various programs, competition and activities for teachers and student in this week of Pawarsaheb's birthday. This year on we have organized Science exhibition and startup competition for students to give them chance to express their innovative ideas and start up products ideas for large scale production. This competition is organized on 16/12/2021, for all faculty students of both Undergraduate and Postgraduate level. Inauguration was done by the hands of Prof. Atishkumar Gavit who is external examiner and internal examination done by Dr. B. U. Mane, Zoology department during inauguration all HODs of science departments and faculty along with vice principal was there. We have received 50 plus entries from those 18 projects have been demonstrated physically to seeing the norms Covid 19 and followed all government guidelines during the competition. During this competition students have presented scientific innovative ideas and products out of these 18 projects, first to third prizes were announced which are as follows,

1st Prize: Pooja Katare and Rutuja Malkar

2nd Prize: Shweta Phadtare

3rd Prize: Chaitanya Randive and Tufel Mulani

Coordinator (Activity)

Dr. V. V. Patankar
Dr. V. V. Patankar

20/12/2021
for PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Attendance of the Participants



| S.No. | Name | Class | Phone No. | Project Name | Sign |
|-------|-------------------------------|------------|------------|-----------------------------------|--------------------|
| 1 | 1) Kataraj Pooja | M.Sc. II | 920028520 | detox foot bath | <i>[Signature]</i> |
| 2 | 2) Nalini Pooja | M.Sc. II | 920028520 | detox foot bath | <i>[Signature]</i> |
| 3 | 3) Ghanshyam Pankaj | M.Y. B.Sc. | 917609209 | Isolation of Poy stabilizing hair | <i>[Signature]</i> |
| 4 | 4) Laxmi Anika Chandrajy | M.Y. B.Sc. | 9270008552 | Isolation of Poy stabilizing hair | <i>[Signature]</i> |
| 5 | 5) Jyoti Dhanashree Sandip | M.Y. B.Sc. | 978892001 | ozone layer depletion | <i>[Signature]</i> |
| 6 | 6) Akshay Sakin Suryakant | M.Y. B.Sc. | 920204000 | ozone layer depletion | <i>[Signature]</i> |
| 7 | 7) Bankar Harechada Manohar | S.Y. B.Sc. | 979270201 | General theory of relativity | <i>[Signature]</i> |
| 8 | 8) Gaikwad Rutuja Subhash | S.Y. B.Sc. | 972091237 | General theory of relativity | <i>[Signature]</i> |
| 9 | 9) Bankar Komal Prakash | S.Y. B.Sc. | 950733599 | General theory of relativity | <i>[Signature]</i> |
| 10 | 10) Kataraj Pooja | S.Y. B.Sc. | 917539359 | Save Earth | <i>[Signature]</i> |
| 11 | 11) Botra Neha Nandev | S.Y. B.Sc. | 949307799 | Save Earth | <i>[Signature]</i> |
| 12 | 12) Kamthe Vaishnavi Sambhaji | SV BSc | 9561500953 | Water Dispenser | <i>[Signature]</i> |
| 13 | 13) Pawar Sakshi Nandkumar | SV BSc | 908304519 | Water Dispenser | <i>[Signature]</i> |
| 14 | 14) Tanwade Sishri Dattatray | S.Y. B.Sc. | 975776303 | Sericulture of silkworm | <i>[Signature]</i> |
| 15 | 15) Tenke Tejal Baji Rao | S.Y. B.Sc. | 9370551937 | Sericulture of silkworm | <i>[Signature]</i> |

| S.No. | Name | Class | Email ID | Phone No. | Project Name | Sign |
|-------|---------------------------|------------|-------------------------|--------------|------------------------|--------------------|
| 16 | 16) Jagtap Umkhav | TY BBA | umkhavjagtap@gmail.com | 9770050000 | Reduction in pollution | <i>[Signature]</i> |
| 17 | 17) Thant suraj | TY BBA | surajthant@gmail.com | 9922 5200 52 | Reduction in pollution | <i>[Signature]</i> |
| 18 | 18) Hazare Shashan Prasad | S.Y. B.Sc. | shashanprasad@gmail.com | 7008980000 | Microbial fuel cell | <i>[Signature]</i> |
| 19 | 19) Thakur Pratik T. | S.Y. B.Sc. | pratikthakur@gmail.com | 9800000000 | Microbial fuel cell | <i>[Signature]</i> |

Start-up Project

| No. | Name | Class | Email ID | Phone No. | Project Name | Sign |
|-----|----------------------------|------------|---------------------------|------------|--|--------------------|
| 1 | 1) Shinde a. Shashant | S.Y. B.Sc. | shashantshinde@gmail.com | 920028520 | Preparation of honey & propolis ointment | <i>[Signature]</i> |
| 2 | 2) Gaikwad Nisha Krunal | T.Y. B.Voc | nishagaikwad@gmail.com | 91864230 | Preparation of Apple Jam | <i>[Signature]</i> |
| 3 | 3) Choudhary Pooja Manohar | T.Y. B.Voc | poojachoudhary@gmail.com | 977210000 | Preparation of Citrus Juice | <i>[Signature]</i> |
| 4 | 4) Ghoshkar Kalyani | T.Y. B.Voc | kalyanighoshkar@gmail.com | 9170000000 | Preparation of Pickles | <i>[Signature]</i> |
| 5 | 5) Rupaniwar APY | T.Y. B.Voc | apyanupaniwar@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 6 | 6) Chaitanya Pradip | TY B.Voc | pradipchaitanya@gmail.com | 9770000000 | Preparation of Pickles | <i>[Signature]</i> |
| 7 | 7) Tufel Madhu | T.Y. B.Voc | madhutufel@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 8 | 8) Pratik Tawade | T.Y. B.Voc | pratikpratik@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 9 | 9) Pratik Thakur | T.Y. B.Voc | pratikthakur@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 10 | 10) Kulkarni Mahesh | T.Y. B.Voc | maheshkulkarni@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 11 | 11) Chhabale Mahesh | TY. B.Voc | chhabalemahesh@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 12 | 12) Sakshi Kulkarni | S.Y. B.Voc | sakshikulkarni@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 13 | 13) Sahas Bhagbhare | T.Y. B.Voc | sahasbhagbhare@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |
| 14 | 14) Yadav Anshu | T.Y. B.Voc | anshuyadav@gmail.com | 920028520 | Preparation of Pickles | <i>[Signature]</i> |

[Signature]
Dr. Vidya Patankar

[Signature]
18/11/21
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.

Students participated in Science Exhibition and Start-up Project Competition 2021



Time: 16-12-2021 11:43
Note: interactive panel

Powered by NoteCam



Latitude: 18.35762
Longitude: 74.02836
Elevation: 791.35±1 m
Accuracy: 3800.0 m
Time: 16-12-2021 11:43
Note: interactive panel

Powered by NoteCam



Latitude: 18.35762
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Elevation: 791.35±1 m
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Time: 16-12-2021 11:43
Note: interactive panel

Powered by NoteCam



P.D.E.A's Waghire College of Arts, Commerce & Science, Saswad

Auspicious occasion of Birthday of

Hon. Shri. Sharad Pawar

Member of Parliament;
Ex-Agriculture Minister, Govt. of India



Happy Birthday

Hon. Shri. Sharad Pawar

Member of Parliament;
Ex-Agriculture Minister, Govt. of India

Science Exhibition & Start-up Project Competition

Date : 16/12/2021

THEMES

- Water Management
- Environmental Technology
- Bio-technology
- Cyber Security
- Organic Farming
- Food Science Technology
- Green Chemistry
- Nano Technology

Rules for Participation

- The Poster & Start-up project competition is only for UG & PG students
- Science exhibition projects should be a working model on any innovative ideas
- No Registration Fees
- Poster Size : 1m x 1 m
- One entry per student/group of student (Not More than 2 Students)
- Participation certificate will be given to all registered students
- Registration will be done from 9.00 am to 10.00 am
- COVID- 19 government guidelines will be followed
- 1st prize: Rs.1000/-, 2nd prize: Rs.750/-, 3rd prize: Rs.500/-
- Registration Link: <https://forms.gle/sqTLR4EC2Ydomuxk6>

Dr. Vidya Patankar
Competition Coordinator

Dr. Kishor Lipare
College Programme Coordinator

Dr. Subhash Wavhal
Vice Principal (Commerce Faculty)

Dr. Sampat Jagdale
Vice Principal (Arts Faculty)

Dr. Sushama Bhosale

Principal

All Students, Teaching and Non-Teaching Staff

PDEA's

Waghire College of Arts, Commerce & Science, Saswad

Report of Science Exhibition Activity

(2019-2020)

On the occasion of birthday celebration of honourable Shri. Sharadchandraji Pawar, college had organized Science exhibition on Thursday 12th December 2019. Students of Arts, Commerce and Science of undergraduate as well as postgraduate classes had participated in this activity enthusiastically. There were working models, poster presentations. In all this activity, judges could see lots of innovative ideas, concern about our environment. More than 100 students had participated in this event. A panel of Judges included Dr. Nita Patil (Microbiology), Dr. Shinde B. L. (Chemistry) and Dr. Jagtap S. S. (Botany), Took the responsibility of evaluation. Three best Models were given ranking as

- 1) Ms. Shaikh Karishma – Handmade Projector
- 2) Ms. Jagtap Sayali – Hydroponics
- 3) Ms. Zagade Snehal – Composting of Solid waste by using Dairy effluent.

The winners were awarded by prize in annual prize distribution ceremony.


Coordinator

Science Exhibition Committee


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

PDEA's

Waghire College of Arts, Commerce & Science, Saswad

Notice for Students

Date: 10 /11/2019

All the students of Arts, Commerce and Science faculties, are hereby informed that on the occasion of birthday celebration of honourable Shri. Sharadchandraji Pawar, college is organising Science exhibition on Thursday 12th December 2019. Students are requested to participate in this activity by preparing the projects, working models, posters representing novel work, innovative ideas, start up concepts. Your representation will be assessed by panel of judges and the best presentation would be awarded. Maximum participation is anticipated.


Coordinator

Science Exhibition Committee


PRINCIPAL
Waghire College, Saswad,
Tal. Purandar, Dist. Pune.

12/12/19

Science Exhibition

Attendance for participation

| Name | Topic | Signature |
|----------------------------------|---|-------------------|
| 1) Dongare Meunali Santosh | Fuel cells - Green energy | <u>N. Dongare</u> |
| 2) Sawunkha Pratiksha Dayaram | Fuel cells future Green energy | <u>Sawunkha</u> |
| 3) Khomane Dipati Shivdas. | Acid Rain | <u>Khomane</u> |
| 4) Khedekar Ankita Dattateay | Acid Rain | <u>Akhedekar</u> |
| 5) Bodadke Akshay Ramdas | Biotfuel (Biodiesel) | <u>Bodadke</u> |
| 6) Disale Ganesh Balaso | | |
| 7) Dhumal Akash Hanumant | | |
| 8) Hole Rajashree Bhagwat | Testing of Insecticides in fruits & vegetables | <u>Hole</u> |
| 9) Gaikwad sushma Harishchandra | Two sides of chemistry | <u>Gaikwad</u> |
| 10) Arjun Tejashri Bhimrao | | |
| 11) Mane Pragati Ashruba | | |
| 12) Gholap sanket Baburao | Chemistry of Tea | <u>Gholap</u> |
| 13) Charare vikas Jalindas | | |
| 14) Hagwane Ajit Vaman | | |
| 15) Pawar Suraj Mahadev | | |
| 16) Patil Madhusudan Dnyaneshwar | How to dispose of chemical waste | <u>Patil M.P.</u> |
| 17) Mali Sachin Sanjay | | |
| 18) Surve Ankita suhas | Chemistry behind emotion. | <u>Surve</u> |
| 19) Konde Pritee Pratik | | |
| 20) Khedekar Ashwini Mahadev | | |
| 23) Shaikh Karishma shabbir | Handmade projector | <u>Shaikh</u> |
| Shaikh Meharunnisa shabbir | | |
| 23) Shaikh Karishma shabbir | Smoke Bomb | <u>Shaikh</u> |
| 24) Kusade Ankita Sanjay | Advancement of Nanotechnology & Nanoparticles for diagnosis of cancer | <u>Kusade</u> |
| 25) Gaikwad Vidya Pradip | | |
| 26) Bankar Shubhangi Sopan | | |

Attendance for participation

| Name | Topic | Signature | Pos no | | |
|-------------------------------|--|-----------|--------|--|--|
| 1) Jagtap Shravani R. | Friendship | | | | |
| 2) Pawar Priyanka Apparav | सौंदर्य खाताचे फायदे | | | | |
| 3. Kapare Pooja Sunil | रासायनिक खाताचे तरे | | | | |
| 4. BORKAR Prajakta Sambhoji | <u>Rhizobacterium</u> | | (36) | | |
| 5) Aullik Rutuja Sunil | Mathe Educational games & Mathematical Modelling | | (87) | | |
| 6) Khatate Gitanjali Vijay | | | | | |
| 7) Sayyad Sugara Gulab | | | | | |
| 8) Jagtap Renuka Sanjay | | | | | |
| 9) Zagade Snehal Arun | | | | | |
| 10) Thopte Priti Sharad | composting of solid waste by using dairy waste | | | | |
| 11) Chavan Supriya Baburao | | | | | |
| 12) Borkar Tejashri Rakhmaji | | | | | |
| 13) Dalvi Shubhangi Vijay | waste water treatment | | | | |
| 14) Khaire Vaishnavi Kiran | | | | | |
| 15) Kamthe Komal Sunil | | | | | |
| 16) Hadke Sourabh Rajaram | Isolation of Pesticide degrading Bacteria | | | | |
| 16) Kishor Sonawane | | | | | |
| 17) Pramav Belsare | | | | | |
| 18) Sumit Tate | | | | | |
| 19) Memane Prajakta Anil | Industrial development | | | | |
| 20) Kondalkar Rutuja Sopan | | | | | |
| 21) Malvadkar Supriya Rohidas | | | | | |
| 22) Gaikwad Abhishek Dattakay | <u>Rhizobacterium</u> | | (86) | | |
| 23) Jagtap Poonita Dattakay | | | | | |
| 24) BORKAR Prajakta Sambhoji | | | | | |
| 25) Jagtap Pranushka Sunil | | | | | |
| 26) Bhosale Meenal Sanjay | | | (85) | | |
| 27) Shaikh Shoaib Munir | | | | | |

Attendance
for Participation

| Name | Topic | Signature | Class |
|-------------------------------|--|-------------------|---------------------------|
| ① Sonawane Aditi Sachin | Bio-inoculant | <u>Aditi</u> | |
| ② Vaishnavi Bhanuday Jagtap. | | <u>Vaishnavi</u> | |
| ③ Anuja Ashok Kumbhar | | <u>AAK</u> | |
| ④ Tanaya sanjay Jagtap | | <u>tanayaj.</u> | |
| ⑤ Dhumal Vrushali Umesh | Habitat | <u>Dhumal</u> | |
| ⑥ Khomane Geetanjali Suresh | Destruction | <u>Geetanjali</u> | |
| ⑦ Gosavi Pragati shashikant | | <u>Pragati</u> | |
| ⑧ Jadhav Poonita Subhash | | <u>Jadhav</u> | |
| ⑨ chandgude komal Purushottam | | <u>Chandgude</u> | |
| ⑩ Pawar Amruta Sameer | The global problem in medical field. Superbug. | <u>AP</u> | |
| ⑪ Chavan Pratiksha Bhausaheb | | <u>PChavan</u> | |
| ⑫ Girame Kajal sunil. | Zigbee Natta catalyst & wilkinsons catalyst | <u>Girame</u> | |
| ⑬ Khengaze Komal Bapu. | | <u>Khengaze</u> | |
| ⑭ Kamthe pratiksha Baban | | <u>Kamthe</u> | |
| ⑮ Deshmone Alshada Suresh | Watson & Crick DNA model | <u>Deshmone</u> | |
| ⑯ Jadhav pooja Hanishchandra | | <u>Jadhav</u> | |
| ⑰ Jadhav Dipali satish | | <u>Jadhav</u> | |
| ⑱ Lekawale Triveni Bapu | | <u>Lekawale</u> | |
| ⑲ Mulik Pratiksha Prakash | Clean city | <u>Mulik</u> | S.Y. B.Com |
| ⑳ Vedpathak Sneha Prakash | | <u>Vedpathak</u> | -1- |
| ㉑ Mulik Monika Sanjay | | <u>Mulik</u> | -1- |
| ㉒ Shrike Swapnali Sunil | | <u>Swapnali</u> | |
| ㉓ Chivhe Lata Sukharum | Evolution on Air & water pollution | <u>Chivhe</u> | S.Y. B.com |
| ㉔ Kamthe Pooja Vasant | | <u>Kamthe</u> | + |
| ㉕ Jadhav Dipali Dattatray | Smoke Absorber machine. | <u>Jadhav</u> | + |
| ㉖ Band Amruta Gorakh | | <u>Band</u> | S.Y. B.com |
| 27) Jagtap sayali Ramdas | Framing without soil | <u>S.R.Jagtap</u> | S.Y. B.com |
| 28) Jagtap shital Ramdas | | <u>S.R.Jagtap</u> | M.A. Polity S.Y. B.com |



