

Shikshan Prasarak Mandal, Kolhapur

Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | Name of the Activity | Particulars of the Activity | Date/Year | Participants |
|----|---|--|--------------------------|--------------|
| 1 | Workshop on ethical hacking/cyber security | Br.B.K.College Vengurla and perfect training Centre | 18.07.2015 to 22.07.2015 | 19 |
| 2 | Participation in Avishkar | Motivate to student to do research. | 28.11.2015 | 05 |
| 3 | Organized Essay Competition | Organized open essay competition on 'Chemistry in day to day in human life' in pretext of international chemical science | 28.02.2016 | |
| 4 | Elocution Competition in occasion & science day | Department of chemistry , Br.B.K.College Vengurla. | 28.02.2016 | 10 |
| 5 | Campus interview for placement of T.Y. B.Sc. chemistry student | The students attended campus interview by Sandu pharmaceuticals LTD Goa. | 9.04.2016 | 22 |
| 6 | Organ donation awareness contest | University of Mumbai and Apex kidney foundation. | 25.02.2017 | |
| 7 | Organization of Get together of Chemistry students of 1998-99 Batch | Department of chemistry , Br.B.K.College Vengurla. | 10.05.2017 | 11 |
| 9 | Workshop on "Concentration and Memory Power Development" | Department of chemistry , Br.B.K.College Vengurla. | 14.07.2017 | 28 |
| 10 | Guest Lecture on Chemical Kinetics | Department of chemistry , Br.B.K.College Vengurla. | 25.08.2017 | 35 |
| 11 | Visit to swachha Bharat paryatan stal | Visit for study of Bio gas and electricity generation project. | 25.09.2017 | 49 |
| 12 | Visit to Dumping ground ,Gas and power generation plant and utilisation of plastic. | Department of chemistry , Br.B.K.College Vengurla. | 25.09.2017 | 49 |
| 13 | A lecture on Mobile phone dependency. | Department of chemistry , Br.B.K.College Vengurla. | 26.09.2017 | 25 |
| 14 | Guest Lecture on "Carrier opportunities for Bsc Chemistry students" | Department of chemistry , Br.B.K.College Vengurla. | 07. 02.2018 | 34 |
| 15 | Guest Lecture on "Basic Concept in Inorganic Chemistry" | Department of chemistry , Br.B.K.College Vengurla. | 17.07.2018 | 44 |

CORDINATOR

PRINCIPAL

| | | | | |
|----|--|--|-------------|----|
| 16 | Guest Lecture on "Molecular Symmetry" | Department of Chemistry , Br. B.K.College Vengurla. | 25. 09.2018 | 44 |
| 17 | Guest Lecture on Metal Complex | Department of Chemistr , Br. B.K.College Vengurla. | 31. 03.19 | 42 |
| 18 | Guest Lecture on 'Techniques used to study fast reactions" | Department of Chemistr , Br. B.K.College Vengurla. | 31. 03.2019 | 42 |
| 19 | Guest Lecture on NMR spectroscopy | Department of Chemistr , Br. B.K.College Vengurla. | 01. 04.2019 | 42 |
| 20 | Guest Lecture on "Opportunities after B. Sc. Chemistry." | Department of Chemistr , Br. B.K.College Vengurla. | 01. 04.2019 | 42 |
| 21 | Guest Lecture | Department of Chemistr , Br. B.K.College Vengurla. | 09. 02.2019 | 42 |
| 22 | Guest Lecture on "Transition Metal" | Department of Chemistr , Br. B.K.College Vengurla. | 28.11.2019 | 44 |
| 23 | Gauidance to students | MCED (Maharashtra Centre For Entreprenurship Development) & Hitech Computer Vengurla | 16:07:2019 | 23 |
| 24 | International AIDS Day | Department of Chemistr , Br. B.K.College Vengurla. | 02.12.2019 | 17 |
| 25 | Eye cheacking Camp Working of Chemistry students as volunteers | Vision Hospital Goa | 14.01.2020 | 07 |
| 26 | Visit To Fruit Reaserch Center Vengurla | Department of Chemistr , Br. B.K.College Vengurla. | 15.02.2020 | 56 |

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Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Workshop on ethical hacking/cyber security |
| SUB-TITLE | |
| DATE & TIME | 18.07.2015 to 22-07-2015 |
| ORGANIZED BY | Br.B.K.College Vengurla and perfect training Centre |
| RESOURCE PERSON | Mr.Abhijit More(B.E.Computre) |
| PARTICIPANT PARTICULAR | 19 students (chemistry) |
| OBJECTIVES OF EVENT | To reduce the risk of Cyber attacks & protect against the unauthorise explantation of system,network etc. |
| OUTCOMES OF EVENT | Students learned how to prevent Cyber attack. |

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Elocution Competition in occasion of science day |
| SUB-TITLE | |
| DATE & TIME | 28.02.2016 |
| ORGANIZED BY | Department of Chemistry ,Br.B.K.College Vengurla |
| RESOURCE PERSON | Chief resource person- Prof.Rane.D.B. Dept. of physics B.K. College ,Vengurla |
| PARTICIPANT PARTICULAR | 10 students |
| OBJECTIVES OF EVENT | To know about importance of science in daily life. |
| OUTCOMES OF EVENT | Students got information about importance of science in our life |

CORDINATOR

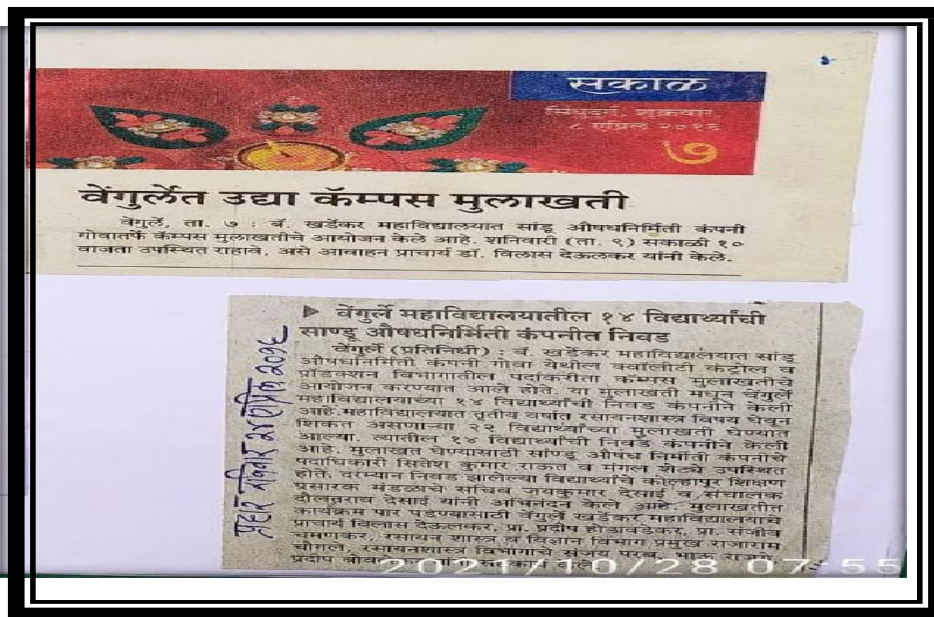
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Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Campus Interview (Sandu) Pharmacaitical-Goa) |
| SUB-TITLE | |
| DATE & TIME | 12.04.2016 |
| ORGANIZED BY | Department of chemistry, Br.B.K.College Vengurla |
| RESOURCE PERSON | 1)Mr.Sitesh Rout (Sr. Executive) 2)Mrs.Mangal shetye (sandu pharmaceuticals Goa) |
| PARTICIPANT PARTICULAR | 22 students |
| OBJECTIVES OF EVENT | To get job.Most of our past students working in pharmaceutical companies & have demand in such a companies. |
| OUTCOMES OF EVENT | 14 students got job in sandu pharmaceutical Ltd.Goa |



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Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Organ Donation Awareness Contest 2017 |
| SUB-TITLE | |
| DATE & TIME | 25.02.2017 |
| ORGANIZED BY | Department of student's welfare & University of Mumbai and apex Kidney foundation. |
| RESOURCE PERSON | |
| PARTICIPANT PARTICULAR | |
| OBJECTIVES OF EVENT | Student should aware about organ donation |
| OUTCOMES OF EVENT | Students got knowledge about organ donation & they share this knowledge with society. |

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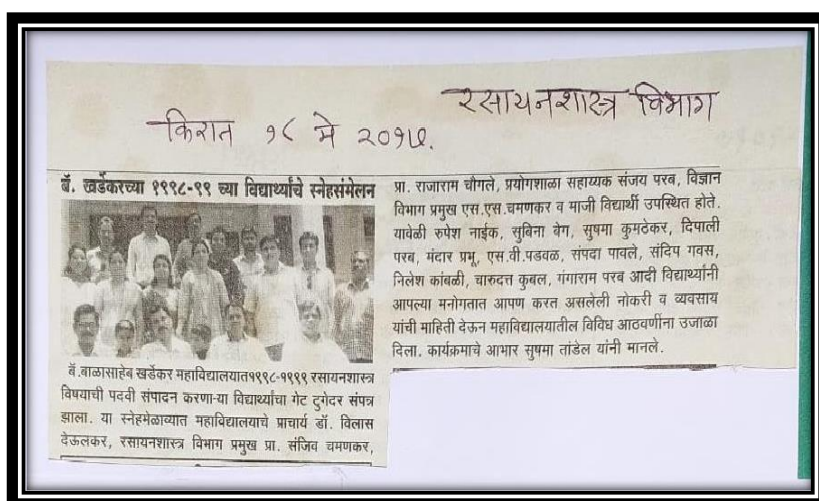
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Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|--|
| TITLE & EVENT/ACTIVITY | Organization of Get together of Chemistry students of 1998-99 Batch |
| SUB-TITLE | |
| DATE & TIME | 10.05.2017 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Get together is carried in presence of princDr.V.A.Dewoolkar |
| PARTICIPANT PARTICULAR | 11 students |
| OBJECTIVES OF EVENT | To maintain relationship with department & college. |
| OUTCOMES OF EVENT | Objective of the taking Get together of 1998-99 chemistry student batch is successfully completed. |



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Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Workshop on “Concentration and Memory Power Development” |
| SUB-TITLE | |
| DATE & TIME | 14.07.2017 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Siddhesh Parab, Imperial Knowledge world Pvt.limited |
| PARTICIPANT PARTICULAR | 28 students |
| OBJECTIVES OF EVENT | <ol style="list-style-type: none">1. To get information about how to concentrate on mind2. To get information about how to increase the memory power.3. To get information about how to increase self-confidence. |
| OUTCOMES OF EVENT | The objectives of the workshop are successfully completed. |

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Guest Lecture on Chemical Kinetics |
| SUB-TITLE | |
| DATE & TIME | 25.08.2017 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. D. B. Shinde S. P. K. Mahavidyalaya, Sawantwadi ,Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 35 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other collage |
| OUTCOMES OF EVENT | Students get additional knowledge about chemical Kinetics |

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Visit to Dumping ground, Gas and power generation plant and utilization of plastic. |
| SUB-TITLE | |
| DATE & TIME | 25.09.2017 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Mr.Ramdas Kokare (Chief officer Vengurla Nagarparishad) |
| PARTICIPANT PARTICULAR | 49 students |
| OBJECTIVES OF EVENT | To know how the plastic & thermocole are processed.How to prepare gas & then electricity from waste |
| OUTCOMES OF EVENT | Students got knowledge about how to use waste material. |



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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|--|
| TITLE & EVENT/ACTIVITY | A lecture on Mobile phone dependency. |
| SUB-TITLE | |
| DATE & TIME | 26.09.2017 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Dr.Vasudha More,Vengurla |
| PARTICIPANT PARTICULAR | 25 students |
| OBJECTIVES OF EVENT | Advantages and limitation of use of mobile continuously more then 3 to 4 hours make user addict. |
| OUTCOMES OF EVENT | Students get aware about excess use of mobile.Phone is badfor psychological health. |

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REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Guest Lecture on "Carrier opportunities for B.Sc. Chemistry students". |
| SUB-TITLE | |
| DATE & TIME | 07. 02.2018 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | 1) Mr. Sudarshan D. Jadhav 2) Mr. Pranit P. Anerao Rajendra Mane College of Engineering and Technology, Ambar.Devrukh Dist. Ratnagiri |
| PARTICIPANT PARTICULAR | 34 students |
| OBJECTIVES OF EVENT | To get information about jobs in various pharma companies after completion MBA |
| OUTCOMES OF EVENT | Students are thinking to complete MBA to get job in variouspharma companies. |

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REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|---|
| TITLE & EVENT/ACTIVITY | Guest Lecture on "Basic Concept in Inorganic Chemistry" |
| SUB-TITLE | |
| DATE & TIME | 17.07.2018 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. D. D. Godkar S. P. K. M. Sawantwadi, Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 44 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge about inorganic chemistrythe concept involving it. |

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REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Guest Lecture on "Molecular Symmetry" |
| SUB-TITLE | |
| DATE & TIME | 25. 09.2018 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. U. C. Patil S. P. K. M. Sawantwadi, Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 42 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge about molecular symmetry. |

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REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Guest Lecture on Metal Complex |
| SUB-TITLE | |
| DATE & TIME | 31.03.19 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. Kadam P. M. Khare-Dhere College, Guhagar, Dist. Ratnagiri |
| PARTICIPANT PARTICULAR | 42 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge about Metal Complex. |

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REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|--|
| TITLE & EVENT/ACTIVITY | Guest Lecture on NMR spectroscopy |
| SUB-TITLE | |
| DATE & TIME | 01. 04.2019 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof .B. A. Bulakhe Abasaheb Marathe Arts & New Commerce, Science college, Rajapur Dist-Ratnagiri |
| PARTICIPANT PARTICULAR | 42 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge about NMR spectroscopy |

‘रसायनशास्त्रातील नवे प्रवाह’ कार्यशाळा संपन्न
येथील वॅ. खर्डेकर महाविद्यालयाच्या रसायनशास्त्र विभागामार्फत ‘रसायनशास्त्रातील नवे प्रवाह’ या विषयावर कार्यशाळा आयोजित केली होती. याचे उद्घाटन प्राचार्य डॉ. विलास देऊलकर यांच्या हस्ते झाले. या कार्यशाळेत लोकनेते गोपिनाथ मुंडे महाविद्यालय मंडणगडचे रसायनशास्त्र विभागाचे प्रा.एस.ए.काझी, खरे ढेरे भोसले कॉलेज गुहागरचे प्रा.पी.एस. कदम, आबा मराठे, आर्टस-कॉमर्स व विज्ञान महाविद्यालयाचे प्रा.ए.बी.बुलाखे यांनी तसेच वॅ. खर्डेकर महाविद्यालयातील रसायनशास्त्र विभागातील सर्व विद्यार्थ्यांनी सहभाग घेतला. यावेळी प्रा.आर.जी.चौगले, प्रा.माने, प्रा.दिकित, प्रा.बेरगळ आदी उपस्थित होते. या कार्यशाळेचे आयोजन महाविद्यालयाचे रसायनशास्त्र विभागप्रमुख प्रा.संजिव चमणकर यांनी केले.

Shikshan Prasarak Mandal, Kolhapur

Br. Balasaheb Khardekar College, Vengurla

DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Guest Lecture on "Opportunities after B. Sc. Chemistry." |
| SUB-TITLE | |
| DATE & TIME | 01. 04.2019 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. Prathamesh Parab S.P.K.M. (Past student) Sawantwadi, Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 42 students |
| OBJECTIVES OF EVENT | To know about various opportunities in different fields after completion of B. Sc. |
| OUTCOMES OF EVENT | Students got knowledge about various opportunities such as M. Sc, MBA, Pharmaceuticals, Chemistry, Chemical industry. |

‘रसायनशास्त्रातील विविध संधी’ यावर व्याख्यान संपन्न
बॅ.खर्डेकर महाविद्यालयाच्या रसायनशास्त्र विभागामार्फत
‘रसायनशास्त्रातील विविध संधी’ यावर कुडाळ येथील संत
राऊळ महाराज कॉलेजचे प्रा.पी.डी.जमदाडे यांचे व्याख्यान
पार पडले. रसायनशास्त्रात पदवी प्राप्त केलेल्या विद्यार्थ्यांना
औषधनिर्माण, रंगनिर्मिती अशा अनेक वैद्यकीय व औद्योगिक
क्षेत्रात संधी उपलब्ध आहेत. त्यांचा विद्यार्थ्यांनी फायदा घ्यावा
असे आवाहन प्रा.जमदाडे यांनी केले. यावेळी प्रा.संजिव
चमणकर, प्रा.आर.जी.चौगले, प्रा.माने आदी उपस्थित होते.

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|---|
| TITLE & EVENT/ACTIVITY | Guest Lecture |
| SUB-TITLE | |
| DATE & TIME | 09. 02.2019 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. Prathamesh Parab S.P.K.M. (Past student) Sawantwadi, Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 42 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge. |

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Shikshan Prasarak Mandal, Kolhapur
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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|---|
| TITLE & EVENT/ACTIVITY | Guest Lecture on "Transition Metal" |
| SUB-TITLE | |
| DATE & TIME | 28.11.19 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Prof. U. C. Patil, S. P. K. M. Sawantwadi, Dist-Sindhudurg |
| PARTICIPANT PARTICULAR | 44 students |
| OBJECTIVES OF EVENT | Guidance of lecturers of other colleges. |
| OUTCOMES OF EVENT | Students got additional knowledge about transition metal &their properties |

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|--|
| TITLE & EVENT/ACTIVITY | Guidance to students |
| SUB-TITLE | |
| DATE & TIME | 16:07:2019 |
| ORGANIZED BY | MCED (Maharashtra Centre for Entrepreneurship Development) & Hitech Computer Vengurla |
| RESOURCE PERSON | 1) Pranali Ganesh Andhari 2) Puja Parshuram Kakatkar 3) Kavita Krishna Birje |
| PARTICIPANT PARTICULAR | 23 Students |
| OBJECTIVES OF EVENT | To get knowledge about 'Account tally and GST' |
| OUTCOMES OF EVENT | Students got knowledge about 'Account tally & GST also Hospitality Management |

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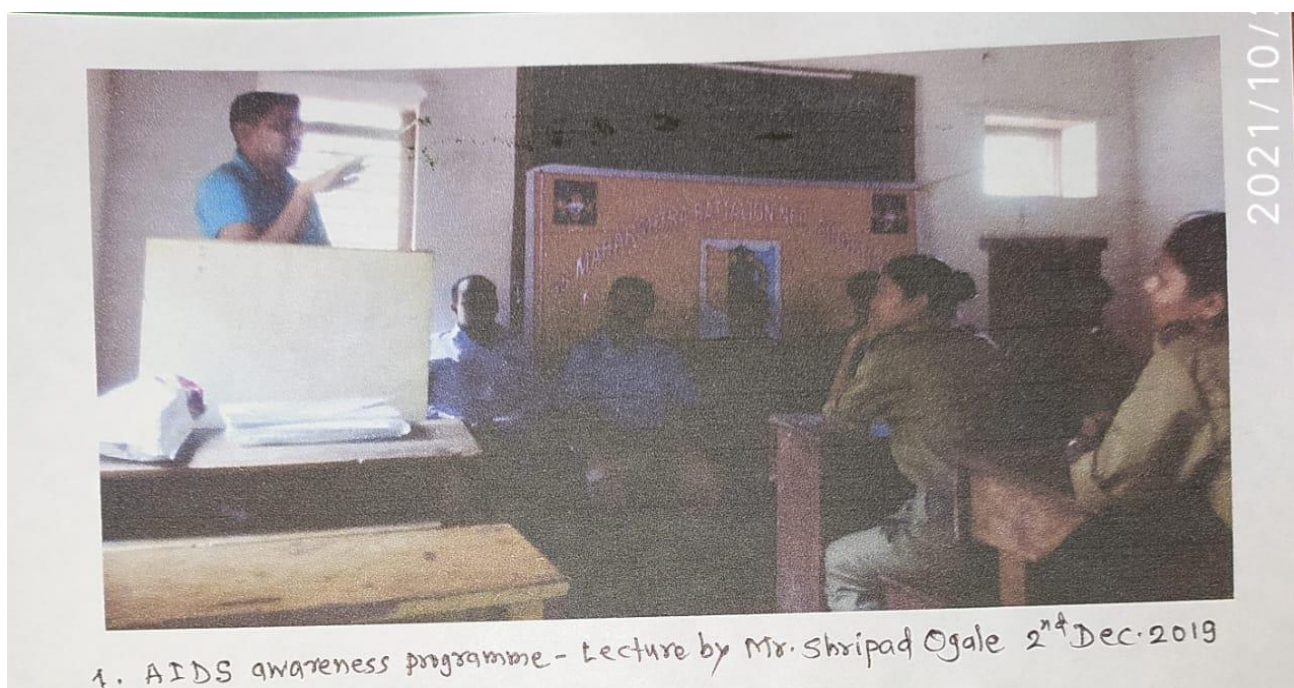
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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|--|
| TITLE & EVENT/ACTIVITY | International AIDS Day 2019 |
| SUB-TITLE | |
| DATE & TIME | 02.12.2019 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Shri. Sripad Ogale, Rural Hospital, Vengurla |
| PARTICIPANT PARTICULAR | 17 Students |
| OBJECTIVES OF EVENT | To know & aware about AIDS. |
| OUTCOMES OF EVENT | Students got knowledge about AIDS. Students tested blood for AIDS (14 Students tested) |



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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|---------------------------|--|
| TITLE & EVENT/ACTIVITY | Eye checking Camp Working of Chemistry students as volunteers |
| SUB-TITLE | |
| DATE & TIME | 14.01.2020 (10 a.m. to 2.30 pm) |
| ORGANIZED BY | Sai Darbar Hall Vengurla (Vision Hospital Goa) |
| RESOURCE PERSON | Vision Hospital ,Mhapsa, Goa. |
| PARTICIPANT PARTICULAR | 07 Students |
| OBJECTIVES OF EVENT | To get knowledge about working as volunteers in medical camp. |
| OUTCOMES OF EVENT | Students got experience of working in Medical Camp |

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DEPARTMENT OF CHEMISTRY

REPORT OF EVENT/ACTIVITY ORGANIZED

| | |
|------------------------|---|
| TITLE & EVENT/ACTIVITY | Visit To Fruit Research Center Vengurla. |
| SUB-TITLE | |
| DATE & TIME | 15.02.2020 |
| ORGANIZED BY | Department of Chemistry, Br.B.K.College, Vengurla |
| RESOURCE PERSON | Dr. M. B. KadamShri. P. M. Talla Dr. S. V. Deshmukh Sakshi Pendnekar Dr. M. B. Dalvi |
| PARTICIPANT PARTICULAR | 56 Students |
| OBJECTIVES OF EVENT | To get knowledge about fruit processing, preparation of fruitproducts and preservation. To know about attack and control of different insects and peston fruits. |
| OUTCOMES OF EVENT | Students got knowledge about fruit processing, fruit products,attack and control of insects and pest. |

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खर्डेकर महाविद्यालयाच्या विद्यार्थ्यांची 'फळ संशोधन'ला भेट

फळप्रक्रिया, जैविक नियंत्रण, वनस्पती रोगनिदानविषयी घेतली माहिती : ५६ विद्यार्थ्यांचा सहभाग

चातुर्दह
वेगुला
बॅ. बाळासाहेब खर्डेकर महाविद्यालय,
वेगुलाच्या रसायनशास्त्र विभागातर्फे
प्रादेशिक फळ संशोधन केंद्र येथील
प्रक्रिया, प्रतिक्रिया व निदान प्रयोगशाळा
भेट दिली. यामध्ये रसायनशास्त्र विभाग
शिक्कारे एकूण ५६ विद्यार्थी सहभागी
ब्राले होते. यावेळी रसायनशास्त्र
विभागाध्यक्ष प्रा. एस. एस. घमणकर व
प्रा. आर. जी. चौले व प्रा. एस. एस.
माने उपस्थित होते. तसेच या भेटीवेळी
कीटवैद्यशास्त्रात डॉ. व्ही. एस. देसाई
उपस्थित होते.

यावेळी विद्यार्थ्यांना डॉ. एम.
बी. कदम यांनी 'फळणी पर्याय
व्यवस्थापन व प्रतिक्रिया केंद्र' याविषयी
माहिती दिली. एखादे फळ काढल्यावर
त्यावर कोणती प्रक्रिया करावी व
त्याची साठवणूक कशी करावी यावर
प्रशिक्षण दिले जाते. यामध्ये ओला व
सुख असे दोन मार्ग पडतात. ओल्या
मागात संव्दिग्धता आना, फंगस, बॅक्टेरिया,
काजू, बोट्ट, जांभूळ अशा फळांना
घर काढला जातो. त्यानंतर त्याला
स्टिरिलायझिंग वापरून त्याचे टी, एस,
एस, सोप्य प्रमाणात संयोजित केले
जाते. त्यानंतर त्यात क्वीसाची साखर,
प्रयोगशाळा



वेगुला : येथील फळ संशोधन केंद्राला बॅ. खर्डेकर महाविद्यालयातील विद्यार्थी व प्राध्यापकांनी भेट दिली.
संरक्षणासाठी पोटीशियम मेटासल्फाईट
व आम्लतेसाठी सायट्रिक आम्ल
टक्कले जाते. पदार्थातील ऑक्सिजन
काढून टाकण्यासाठी एक्झॉस्ट तंत्राचा
वापर होतो. यामुळे ऑक्सिडेशन बंद
होऊन पदार्थ जालत काळ टिकून
राहतो. त्यानंतर पदार्थ थारडी,
बरणी किंवा कॅनमध्ये भरताना त्यात
आल्ब्युकतेनुसार कार्बन डायऑक्साईड
मरला जातो. ज्यामुळे एक वेगळी चव
बरे व पदार्थ जालत काळ टिकतो.
सुख्या मागात आंबाचीही, फणसोची
सारखे पदार्थ झुयरच्या साहाय्याने
सुखले जातात.
वॉरिंक साठवणूक संशोधक पी.
एस. तलस यांनी 'जैविक नियंत्रण
प्रयोगशाळा' विषयी मार्गदर्शन केले. या
विभागात एखाद्या सिकावरील रोगावर
कच्चाप्रकारे जैविक नियंत्रण करता येईल
यावर संशोधन केले जाते. 'गोनिओइडा'
हा बीटक नाळावरील काळ्या
डोक्याच्या अळीच्या निवृत्त्यासाठी
उपयोगी ठरतो. 'गोनिओइटर' हा
लाईट परिसाईट असल्याने तो काळ्या
अळीवर उपजीविका करते व अशाप्रकारे
जैविकदृष्ट्या अळीचे नियंत्रण केले जाते.
'ट्रान्स्कोडॉम' ही एक उपयुक्त बुरशी
आहे. ही बुरशी कॅनिव्हारक बुरशीला
लवकर वाढत असल्याने हानिकारक
बुरशीचे तंतू झाकले जाऊन तिची वाढ
खुटने व बुरशीचे जैविकरिषा नियंत्रण
केले जाते. 'ट्रान्स्कोडॉम' हा उपयुक्त
बीटक एरग पैरासाईट असल्याने
तो किडीच्या अंड्यावर उपजीविका
करतो व त्याद्वारे जैविक नियंत्रण केले
जाते. 'मिफीबग' हा बीटक मावा या
किडीच्या प्रतिबंध म्हणून काम करतो.
याशिवाय ओबोलेक्सेटर, रायझोबिअम,
सुडोमोनस, मेटॅरिझेअम, मायकोरिझमा,
जैविकपर्याय (जीवामु), एन. पी.
व्ही. (विषणु), सेस विंग (कीट),
क्लिरेरिना (बुरशी) अशा इतर उपयुक्त
जीवांचा वापर होतो. तिसरा विभाग
म्हणजे 'उत्ती-माने पुष्ककण व मुदा
परिष्कारण' याविषयी डॉ. एस.
व्ही. देवगुण व सार्थी पेशीकर यांनी
मार्गदर्शन केले.
'पीक प्रकृती विद्यालय' विभागाध्यक्ष
माहिती डॉ. एम. बी. कदमी, वनस्पती
रोगनिदान केंद्र यांनी दिली. यावेळी
५६ विद्यार्थी उपस्थित होते.

तरुण भारत

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