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Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous)

Re-Accredited 'A+' Grade by NAAC

'College with Potential for Excellence' Status Awarded by University Grants Commission

'Best College Award' by University of Mumbai

Department of Biotechnology

Awards and Achievements



Achievements of the Learners

Academic Year (2017-2018)

- **Ms.Tandel Shweta Gurunath Rajashree from T.Y. B.Sc. Biotechnology:**
 - Received Late Smt.Bhagubai Changu Thakur Memorial Award on Securing First Rank Amongst Girls in TY B.Sc. Biotechnology.
 - Received Late. Shri. Janardan Bhagat Memorial Award on securing First Rank in TY BSc - Biotechnology.
 - Stood First at Mumbai University Athletics Meet in the event Hephthalon, held at University Ground, Marine Lines.
 - College Sports event: Secured First place in events 100m Running, 200m Running and Long jump and Second place in events 400m Running and Javelin Throw.
 - Received college ' Matoshri Bhagubai Changu Thakur General Championship Award (Girls)' for demonstration of excellent qualities in sports.
- **Ms. Nirmayee Surve and Mr.Sanjeev Salvi from T.Y. B.Sc. Biotechnology** were selected through campus interview in **Episource PVT. Ltd., Andheri, Mumbai.**

DEPARTMENT OF BIOTECHNOLOGY

Academic Year (2018-2019)

- **Mr. Praveen Shinde and Mr. Rishabh Singh from F.Y. B.Sc. Biotechnology**, have been selected for National Level Wet lab Training internship in IIT, Madras after successful completion of Wet Lab Training Program conducted by MGM School of Biomedical Sciences, Kalamboli.
- **Mr. Praveen Shinde from F.Y. B.Sc. Biotechnology**, have been selected in NIUS Biology camp in November-2018 and currently doing Research on Shrimps of Coast of Mumbai and their DNA fingerprinting.
- **Ms. Tandel Shweta Gurunath Rajashree from M.Sc. Part-I** Stood Third at Mumbai University Athletics Meet in the event Hephthalon, held at University Ground, Marine Lines.
- **Ms. Priyanka shinde** was selected for Reliance life science under scheme of DBT, BITP.
- **Mr. Akash Unnikrishnan, Ms. Varsha Ghalme and Ms. Yugandhara Dodke of M.Sc.II** have been selected for DBT- biotech industrial training program (BITP) 2018-19, Government of India.
- **Mr. Akash Unnikrishnan, Ms. Yugandhara Dodke and Mr. Vaibhav Amrale of M.Sc. II** have been selected and currently working in LUPIN Pharmaceuticals, Pune.

Academic Year (2019-2020)

- ● **Ms.Tandel Shweta Gurunath Rajashree** from **M.Sc. Part-I**, received late. Smt. Bhagubai Changu Thakur 'Best Student Award (Girls)'.
● **Mr. Deshmukh Akshay Ganesh and Ms. Juili Bharankar, M.Sc. II** has successfully completed 4 week course on “Biomedical Nanotechnology” from August to September 2019 by NPTEL funded by Ministry of HRD, Gov. of India.

DEPARTMENT OF BIOTECHNOLOGY

Academic Year (2020-2021)

- **Ms. Divya Nilesh Kale** stood 1st in Mumbai Region of Certificate course,” Quality Control and Quality Assurance in Pharmaceutical and Allied Industries.” Organized by Kankavali College, Kankawali.

Academic Year (2021-2022)

- **Ms. Shreya Joshi** won 2nd prize in Short Poems Competition based on the theme “ Ecosystem Restoration” on the event of Environmental Day 2021organised by The School of Biotechnology and Bioinformatics, D. Y. Patil deemed to be University, Navi Mumbai on the occasion of World Environmental Day.
- **Ms. Shreya Joshi** participated in **Analytix** and secured **2nd prize at “ Microscope 2021** National level event organised by Department by Department of Microbiology on 18th September 2021.
- **Mr. Prathamesh Shinde** achieved **2nd position in CHESS competition** held at Changu Kana Thakur Arts, Commerce and Science college (Autonomous), New Panvel.

Academic Year (2022-2023)

- **Mr. Adesh Takwale** was selected as Research Fellow for the Internship 2023 at IIT Hyderabad Summer Undergraduate Research Exposure (SURE) Internship.
- **Mr. Prathamesh Shinde** has secured **2nd Position** in **Chess Competition** organized by Infinity Sports Council of Infinity Foundation.
- **Mr. Prathamesh Shinde** secured **1st position** in intercollegiate **CHESS competition** organized by Kokan Zonal Sports Committee, J.S.M. college Alibag.
- **Ms. Swrnim Ambastha** won **1st prize** in Hindi Elocution Competition at Hindi Diwas 2022-2023.
- **Mr. Deepak Pawar** won the **Bronz medal at Mumbai University level** and **The Gold medal for** for the **Boxing competition at Zonal level.**
- **Mr. Deepak Pawar** won the **Gold medal in Karate at District level.**
- **Mr. Deepak Pawar** won the **Gold medal in Kick Boxing at District, State and National level.**
- **Ms. Shahin Mansuri** won the **1st rank at Taluka level** and **3rd rank at zonal level** in wrestling competition.
- **Ms. Shahin Mansuri** won the **3rd rank at Zonal level** in **Zudo Karate competition** at Mumbai university.
- **Mr Nilesh Gaikwad** won 2nd prize for Lokgeet category at 'Rajyastariy Yuva Mahostasv 6 -7 january 2023' organized by 'Jilha Krida Adhikari Karyalay, Nandurbar.

Achievements of the Faculty Members

Academic Year (2017-2018)

- **Mrs. Latika.R. Chavan** completed the research project funded by University of Mumbai.
- **Dr. Mrs. S.S. Kokitkar** presented a research paper in the International conference held Gopal Krishna Ghokhle College, Kolhapur on 7th and 8th November, 2017.
- **Dr. Mrs. S.S. Kokitkar** Chaired one of the sessions at International conference held at Gopal Krishna Ghokhle College, Kolhapur on 7th and 8th November, 2017.
- **Ms. S.A. Bhagat** presented a research paper in the International conference held Gopal Krishna Ghokhle College, Kolhapur on 7th and 8th November, 2017.

02 Paper published by:

- **S.S. Kokitkar, L.R. Chavan and S.A. Bhagat:** Alleviation of Adverse Effects of Salt Stress in *Triticum Aestivum* by Foliar Application of Compatible Solutes. International Journal Of Researches In Biosciences, Agriculture And Technology, Vol. V, Special Issue (3), pp., 272-276 (ISSN 2347 – 517X) **UGC Approved Journal**
- **S.A. Bhagat, S.S. Kokitkar and L.R. Chavan:** Isolation of chloropyrifos degrading bacteria from contaminated soil and evaluation of their bioremediation potential. Vol. V, Special Issue (3), pp., 308-312 (ISSN 2347 – 517X) **UGC Approved Journal**

Academic Year (2018-2019)

- **Ms. Sharmila S.Ghangale** received third prize in Essay competition for Faculties, organized by J.B.S.B. Sanstha Ramsheth Thakur College, Kharghar.
- **Mr. Sushilkumar S Ghadage** received a grant of RS. 30,000/- for minor research project on, "Isolation, purification and characterization of antibacterial peptide from soil in Panvel region."

Academic Year (2019-2020)

- **Dr. Mrs. S. S. Kokitkar:**

- Appointed as a Member of Ad hock board of studies in Biotechnology, University of Mumbai.
- Appointed as a Member of Ad hock board of studies in Biomedical Science University of Mumbai.
- Appointed as a Member of board of studies in MGM University of health Science.
- Appointed as Coordinator Research, Innovation and Incubation Centre, Kokan Vibhag, Govt. of Maharashtra.
- Successfully completed 4 week course on “**Human Molecular Genetics**” from January to March 2020 by NPTEL funded by Ministry of HRD, Gov. of India.

- **Mrs. Latika. R. Chavan**

- She has successfully completed 8 week course on Introduction to Biostatistics from July to September 2019 by NPTEL funded by Ministry of HRD, Gov. of India.
- Successfully completed 4 week course on “**Human Molecular Genetics**” from January to March 2020 by NPTEL funded by Ministry of HRD, Gov. of India.

- **Ms. Shweta A. Bhagat**

- Presented a Research Paper in International conference on Plant biofactories: Strategies& Challenges at Prin. L. N. Welinkar Institute of Management, Development and Research, Matunga, Mumbai.
- Successfully completed 4 week course on “**Human Molecular Genetics**” from January to March 2020 by NPTEL funded by Ministry of HRD, Gov. of India.

- **Mr. Sushilkumar Ghadage** has successfully completed 4 week course on “**Human Molecular Genetics**” from January to March 2020 by NPTEL funded by Ministry of HRD, Gov. of India.

- **Ms. Sharmila S. Ghangale** has successfully completed 4 week course on “**Introduction to Professional Scientific Communication**” from January to March 2020 by NPTEL funded by Ministry of HRD, Gov. of India.

<ul style="list-style-type: none"> ● Ms.Rati Chunletia ● Successfully cleared GATE in Biotechnology. ● Received First Prize for Oral presentation on “Mushroom: The solution for Multiple Agro-Nutri problems” at National conference on Innovative Approaches and emerging issues in Food and Pharmaceutical Microbiology held in Mumbai. 	
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Academic Year (2020-2021)

<p>]● Ms.Sharmila S. Ghangale was awarded with Ph.D. in faculty of Science in the subject of Environmental science from Savitribai Phule Pune University, (Formerly Pune University), Pune.</p> <p>+</p>	
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Academic Year (2021-2022)

<ul style="list-style-type: none"> ● Dr. Seema S. Kokitkar and Ms. Rupali D. Nanekar have successful filed copyright in Literacy/Drama with granted Registration number- L-114366/2022. <p>Paper published by:</p> <ul style="list-style-type: none"> ● Sushilkumar S. Ghadage, (2021). Isolation, Purification And Characterization Of Antibacterial Peptide From Soil In Panvel Region, ERJ-Vol VIII, Issue VI Dec 2021,140-146 	

Academic Year (2022-2023)

- **Ms. Shweta A. Bhagat**, awarded **Ph.D. in Science (in the subject of Biotechnology)** by successfully defending Open Viva Voce on 26th April 2023, Under University of Mumbai
- **Dr. Seema S. Kokitkar** and **Ms. Shweta A. Bhagat** have successful filed copyright in Literacy/Drama.
- **Ms. Smita Sawant and Dr. Seema Kokitkar**, received **First prize** in Oral presentation, entitled, “Phytochemical screening, antioxidant study and identification of active compounds using GC-MS of *Lavendula bipinnata* leaves.” under RS category in the International e-Conference on “Recent Innovations in Science and Technology” RIST-2023 jointly organised by the Science Department, held on January 10 & 11, 2023.
- Book Chapter published by:
 - S. M. Patil , A. S. Tamboli, B. N. Bhalkar, S. N. Survase , **A. D. Watharkar**, B. H. Jeon 2023. 24 - Systems biology and multi omics integration in biological treatment of textile wastewater. Current developments in Bioengineering and Biotechnology (Advances in Ecofriendly and sustainable technologies for treatment of textile wastewater). Elsevier <https://doi.org/10.1016/B978-0-323-91235-8.00011-5> Elsevier Pages: 711-742 (**Book Chapter**)
- Patent Filled by:
 - Mr. Sushilkumar Ghadage, Ganesh Sathe on,” Oral suspension Composition of *Prunella Cretensis* For Antimicrobial Infections” on 06 March 2023

Achievements of the learners in Avishkar Research Convention

Sr. No.	Name of the Student	Academic Year	Level	Achievement	Name of Guiding teacher
1.	Ms. Priyanka S. Verma	2014-2015	University	Gold medal at University level Avishkar Research Convention	Dr Seema S. Kokitkar
2.	Ms. Dhanshree R. Dudvadkar	2014-2015	University	Silver medal at University level Avishkar Research Convention	Dr Seema S. Kokitkar
3.	Ms. Srijana S.Srivastav	2015-2016	University	Bronze medal at University level Avishkar Research Convention	Mrs Latika Chavan
4.	Ms. Rati S. Chunleti	2015-2016	University	Bronze medal at University level Avishkar Research Convention	Dr Seema S. Kokitkar
5.	Ms. Lama I. Sirkhot	2016-2017	University	Silver medal at University level Avishkar Research Convention	Mrs Latika Chavan
6.	Ms. Ugandhara Dhodke	2016-2017	University	Silver medal at University level Avishkar Research Convention	Ms Shweta Bhagat
7.	Ms. Deepika Khambale Ms. Supriya More	2017-2018	University	Silver medal at University level Avishkar Research Convention	Ms Rupali D. Nanekar
8.	Ms. Shweta A. Bhagat	2018-2019	University	Silver medal at University level Avishkar Research Convention	Dr Seema S. Kokitkar
9.	Ms. Sabreen Modak	2020-2021	University	Bronze medal at University level Avishkar Research Convention	Ms Rupali D. Nanekar
10.23	Mrs. Bindu Rajaguru	2021-2022	University	Gold medal at University level Avishkar Research Convention	Dr Seema S. Kokitkar

11.24 .	Ms. Rupali D. Nanekar	2021-2022	University	Consolation at University level Avishkar Research Convention	Dr Seema S. Kokitkar
12.25 .	Ms. Binita A. Mandal	2022-2023	University	Bronze medal at University level Avishkar Research Convention	Mr. Sushilkumar Ghadage
13.26 .	Ms. Swarnim Abasatha	2022-2023	University	Bronze medal at University level Avishkar Research Convention	Dr Sharmila S. Ghangale
14.27 .	Ms. Rupali D. Nanekar	2022-2023	University	Consolation at University level Avishkar Research Convention	Dr Seema S. Kokitkar
15.28 .	Mr Ankur Singh	2022-2023	University	Certificate of Merit at Zonal level Avishkar Research Convention	Dr. Anuprita Watharkar
