

Resume of Dr. Komal Sudhakar Gomare

M.Sc., B.Ed., M.Phil., Ph.D. (BT)

Present Position: Coordinator and Assistant Professor in Biotechnology at Dayanand Science College, Latur (Affiliated to S.R.T.M.University, Nanded)

Responsibilities handled:

A. Academic teaching

Courses Taught	Papers Taught	Duration
i) U.G.(B.Sc.BT)	Introduction to Biotechnology, Microbiology, Applied and Medical Microbiology, Bioprocess Engineering, Industrial Biotechnology, Pharmaceutical Biotechnology, Environmental Biotechnology	14 Years
ii) P.G.(M.Sc.BT)	Process Biotechnology, Industrial Biotechnology, Pharmaceutical Biotechnology, Environmental Biotechnology, Applied Biotechnology, Microbiology and Virology	15 Years

B. Academic administration

Committees	Duration
Admission Committee	12 years
Discipline Committee	13 years
Cultural Committee	13 years
Programme Anchoring Committee	10 years
Poster presentation committee	8 years
Counseling committee	5 years
Internal Complaints committee	5 years

C. Academic research (9 years)

- i. **M.Sc.** - Potential of *Bacillus* species and Stabilization of organic load from paper and paper mill effluent (1 year)
- ii. **M.Phil.** - Determination of nutritive value and mineral elements of Some Important Spice (2 years)
- iii. **UGC Funded Minor Project:** In-vitro micro-propagation of *Adhatoda vasica* as an ayurvedic herb (2 Years)
- iv. **Ph.D.** Phytochemical analysis, antimicrobial activity and clinical report studies of medicinal plants used against hair graying and hair loss in ayurveda (*Mādhav cikitsā*) (4 years)
- v. Total Students guided for research: 55
- vi. Self research project completed: 05

D. Examination

- (i) University Evaluation : Worked as Paper setter, Examiner, Evaluator and Moderator for UG and PG courses.

- (ii) Internal Evaluation : Evaluator, Invigilator and Supervisor etc
- (iii) Practical examinations : Worked as Examiner (External/ Internal)
- (iv) Conduct of Examinations: Worked as In-charge of *internal exams*
- (v) Evaluation of Projects/Dissertation etc.: UG & PG final Year

E. Extracurricular activities

- Mentoring
- Research festival (Avishkar)
- Sports
- Industrial visits
- Induction programme
- Cultural programme
- Scientific Secretary (Conferences)
- An Active Life Member ISCA
- An Active Life Member of the Microbiologists Society
- Certificate of appreciation awarded on 21st March 2021 for active involvement in 20th National Level MicrobioLogical Contest and MicrobiOlympiad
- Submitted Action Research Project Report on Building Emotional Intelligence and Resilience Case Method of Experiential Teaching and Learning Organized by Ministry of Education Government, Faculty Development Centre, Mahatma Gandhi National Council of Rural Education Sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

1. Invited lectures delivered

- i. Guest Faculty for M.Sc. course sem II - 2021 in the Department of Microbiology, School of Life Sciences Punyashlok Ahilyadevi Holkar Solapur University, Solapur
- ii. Speaker in Marathi breakout room in FDP on “कोविड -१९ पॉझिटिव्ह रूग्ण आणि त्यांच्या कुटुंबातील सदस्यांसाठी मानसशास्त्रीय समुपदेशनासाठी मार्गदर्शन” Organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Government on 11th May, 2021
- iii. Special talk on “कोविड -१९ च्या उद्रेकातिल मानसिक आरोग्य आणि शारीरिक पैलू संबंधित मार्गदर्शन करण्यासाठी विद्यार्थी सहाय्यक” Organized by Dayanand Science College, Latur in Collaboration with Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Government on 13th May, 2021
- iv. Guest Speaker for National Pharmacy Week 2019-20 SVERI, College of pharmacy (Poly.), Pandharpur
- v. Invited as Guest Speaker on the occasion of Women’s day at VDD Public School, Latur

2. Activities conducted

- i. Guest Lecture of Mr. Jeevan B. Channe Associate Scientist Syngene International Ltd, Bangalore on 'Current Job Situation and Need in Industry' Date: 20th January, 2021 Participants – 50
- ii. Guest Lecture of Mr. Ram Gaikwad Senior officer Bharat Serum And Vaccine, Mumbai on 'Introduction to bioprocess engineering' Date: 28th January, 2021 Participants – 60
- iii. Debate and Eloquence Competition on topic 'Online Teaching: Good or Bad' and 'Use of ICT in Education Times Need' on the occasion of National Science Day-2021. Date: 27th February, 2021 Participants – 50
- iv. Guest Lecture of Ms. Mamata Bhardwaja on 'Exploring wine industry and its various aspects' on the Occasion of International Women's day – 2021 Date: 8th March, 2021 Participants – 66
- v. One day workshop of Dr. Amol L. Shirfule CEO and Managing Director, Neoliva Lifesciences Pvt. Ltd., Nanded on 'You Save To Me... Will Save To You' on the occasion of Earth Day – 2021 Date: 22nd April, 2021 Participants – 50
- vi. One day National Workshop of Dr. D. N Mishra, Pro Vice-Chancellor, PAHSU, Solapur on 'The Principles of quality research and mind conditioning' Date: 1st May, 2021 Participants – 194
- vii. One day workshop on "कोविड 19 च्या उद्रेकातिल मानसिक आरोग्य आणि शारीरिक पैलू संबंधित मार्गदर्शन करण्यासाठी विद्यार्थी सहाय्यक" Date: 13th May, 2021 Participants – 205
- viii. Go Green, Go Talks Competition (Flashcard, Handmade poster and Bio-Poetry) on the Occasion of World Environment Day – 2021 Date: 5th and 6th June, 2021 Participants – 45

3. Participations in Research festival (Avishkar)

- i. Poster presented in University level Avishkar-2019 and represented SRTM University for State Level Avishkar (Research convention), organized jointly by S.R.T.M. University and Governor's office Maharashtra state
- ii. Poster presented in District Level Avishkar Research Festival-2019, Organized by COCSIT, Latur in collaboration with S.R.T.M.U. Nanded on 31st Dec 2019
- iii. Presented the research project in 13th Maharashtra State Inter University Research Convention held at Gondwana University, Gadchiroli, during 15-18 Jan 2019.
- iv. Poster presented in University level Avishkar 2018 and represented SRTM University for State Level Avishkar (Research convention) 2018, organized jointly by S.R.T.M. University and Governor's office Maharashtra state.
- v. Poster presented in Two Day University Level Avishkar Research Festival-2018, Organized by Late Sow. Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani in collaboration with S.R.T.M.U. Nanded on 26th & 27th Dec 2018.
- vi. Poster presented in District Level Avishkar Research Festival-2018, Organized by COCSIT, Latur in collaboration with S.R.T.M.U. Nanded on 19th Dec 2017.
- vii. Poster presented in University Level Avishkar Research Festival-2017, Organized by Shri Shivaji College, Parbhani in collaboration with S.R.T.M.U. Nanded on 29th & 30th Dec 2016.

- viii. Poster presented in District Level Avishkar Research Festival-2017, Organized by COCSIT, Latur in collaboration with S.R.T.M.U. Nanded on 21st Dec 2016.

4. Participation in International/ National Conferences

- i. Presented paper in International e-Conference on Material Science & Nanotechnology on Exposure to Physical Radiations and Hair disorders (Alopecia) – recovery potential in Mādhav Cikitsā Sponsored by UGC-CPE, organized by Department of Physics, Dayanand Science College, Latur, on 17th-19th December, 2020
- ii. Presented paper in Two-Days International Conference Proceeding in Life Sciences on Phytochemical and GC-MS analysis of *Ficus benghalensis* (Linn.) aerial roots, used as a drug for hair disorder as per Mādhav Cikitsā Organized by International Journal of Microbial Science (IJMS) held on 1st March to 2nd March 2021
- iii. Paper presented in International Conference on Microbial Technology for Better Tomorrow (ICMTBT-2018) “Charcterized Identification and Low Cost Preservation of *Malassezia* Spp. – Enabling Future Possibility For Control” organised by Dr. D. Y. Patil Arts, Commerce and Science College in association with Dr. D. Y. Patil Vidyapeeth, Pune and Microbiologists Society, India during 17-19 Feb 2018. Abstract page No.27
- iv. Paper presented in National Conference on Recent Advances in Food, Herbal and Nano Technology “FT-IR Spectroscopic analysis of phytochemical extracts from *Hibiscus rosa – sinensis* L. used for hair disorders” Organised by COCSIT, Latur on 12th& 13th Jan 2018 (ISBN: 978-93-84810-30-6 Abstract page No. 24)
- v. Presented the research project in 12th Maharashtra State Inter University Research Convention held at Mahatama Phule Krishi Vidyapeeth, Rahuri, during 15-17 Jan 2018.
- vi. Poster presented in International Conference on Recent Advances in Food, Herbal and Nano Technology “ FT-IR Spectroscopic analysis of phytochemical extracts from *Hibiscus rosa – sinensis* L. used for hair disorders” Organised by COCSIT, Latur on 12th& 13th Jan 2018 (ISBN: 978-93-84810-30-6 Abstract page No.41)
- vii. Poster presented in 7th International Science Congress “Phytochemical analysis and antimicrobial activity of *Hibiscus rosa – sinensis* L.: A study in the context of hair disorder treatment” organised by College of Science and Technology, Royal University of Bhutan in association with ISC-2017 on 8th& 9th Dec 2017 (Abstract No. ISCA-ISC-2017-13PCS - 08- Poster, page No. 134).
- viii. Paper presented in 7th International Science Congress “*Malassezia* the yeast species isolated from individuals with hair disorders: A new dimensional study” organised by College of Science and Technology, Royal University of Bhutan in association with ISC-2017 on 8th& 9th Dec 2017 (Abstract No. ISCA-ISC-2017 - 9FMDN - 17- Oral, page No.115)
- ix. Paper presented in National Conference on Use of Plants and Microbes for Green Biotechnology “Medicinal plants in the marketed oils and the described plants in the texts of *Bṛhatrayā* and *Mādhava Cikitsā* treatises of Āyurveda for the treatment of hair disorders” Organised by COCSIT, Latur, Nov. 2016 (Abstract page No. 17).

- x. Poster presented in UGC-SAP National conference on “Bioactive Molecules and their Therapeutic Values: Current Status” organized by School of Life Sciences, S.R.T.M.U. Nanded during 13th & 14th March 2016.
- xi. Paper presented in 6th International Science Congress on “ A critical study of medicinal plants in the texts of *Bṛhatrayī* and *Mādhava Cikitsā* treatises of Āyurveda for the treatment of hair disorders” organized by ISCA in collaboration with Hutatma Rajguru Mahavidyalaya, Pune on 8th & 9th Dec 2016 (Abstract No. 9FMDN-03, page No. 120).
- xii. Poster presented in District Level Avishkar Research Festival-2016, Organized by S.R.T.M.U.N, Sub-Center, Latur on 3rd Dec 2016.
- xiii. Paper presented in National Conference on “Recent Trends In Plant Science For Rural Development” organized by Mahatma Basweshwar Mahavidyalaya, Latur in Aug 2013.
- xiv. Poster presented in International Conference on “Recent Innovations in Nano-Bio-Polymer-Pharmaceutical Technologies” ICRINT organized by SRTMU Nanded in Jan 2013.
- xv. Poster presented on “Potential of Bacillus species isolated from the paper industry effluent for the waste treatment” in (International conference) World Congress in Biotechnology held at Hyderabad, India in Mar 2011.
- xvi. Paper presented in State level Conference on “Role of Faculty and Students in Quality Assurance” organized by National Assessment & Accreditation Council held at COCSIT in Sept 2011.
- xvii. Poster presented on “Germination viability of seed, buffering properties of the root respiration & formation by using humic acid” in national 98th Indian science congress held at Chennai in 2010.
- xviii. Paper presented on “Effect of temperature & light condition in cell suspension culture of *vitis venifera*” in National Conference on ‘Trends in plant sciences-Today & Tommarow’ orgaised by dept. of Botany Shri Shivaji College, Akot in Feb 2010.
- xix. Paper presented on “*Determination of nutritive value and mineral elements of some West Indian Spices*” in National Conference on “Emerging trends in Biotechnology for modern era” held at COCSIT, Latur in Sept 2007.
- xx. Participated in National conference on “Bioactive compounds and their therapeutic usage” held at S.R.T.M.U. Nanded in Feb 2005.
- xxi. Participated “Entrepreneurship Awareness Camp in Biotechnology” At Jawaharlal Nehru Technological University, Hyderabad in 1-3rd Feb 2005.

5. Participation in Webinares/Seminars/Symposia/Quiz...

-
- i. Participated in National Quiz Competition On Biodiversity on the occasion of National Science Day February-2021 Organized by Department of Zoology and Fishery Science, RSM, Latur
 - ii. Participated in one day National Webinar on “Role of Sciences in Pandemic like COVID-19” organized by Faculty of Science, Late Pushpadevi Patil Arts and Science College, Risod on 28th February, 2021

- iii. Participated in International Webinar on “Wetland Systems” organized by Department of Environmental Science, School of Earth Sciences, PAHSU, Solapur on 4th February, 2021
- iv. Participated in International Webinar on “Biomimicry and Sustainable Development” organized by Department of Environmental Science, School of Earth Sciences, PAHSU, Solapur on 4th January, 2021
- v. Participated in Two Day Science Virtual Lecture Workshop on “COVID-19: Basics to Clinical” organized by Department of Botany, Telangana University, Dichpally, Nizamabad on 9th- 10th December, 2020
- vi. Participated in “Mohan to Mahatma” Quiz Contest organised by Innovative Programme Cell, Shivaji Mahavidyalaya, Renapur on 2nd October, 2020
- vii. Participated in National Level Online Quiz entitled, ‘National & State Animals of India’ an awareness campaign under ‘Wildlife Week, 2020’ Maharogi Sewa Samiti, Warora Anand Niketan College, Anandwan, Botany Department, Botanical Society Celebrated from 2nd to 8th October, 2020
- viii. Participated in Two Days National Workshop on National Education Policy 2020-Implementation Plan, organized by Swami Ramanand Teerth Marathwada University, Nanded on 26-27 Sep. 2020
- ix. Participated in Spit Free India Movement to prevent the spread of COVID-19 conducted by Department of NSS, Swami Ramanand Teerth Marathwada University, Nanded in collaboration with Pledge for Life, September – November 2020
- x. Participated in Two day International recent trends in life science organized by Department of Microbiology and Botany, Digambarrao Bindu Arts, Commerce and Science College, Bhokar in collaboration with SRTMUN and Microbiologist society, India (MSI) on 15th & 16th Sept. 2020
- xi. Participated in International Webinar on COVID-19: Current Status of Vaccine Development and Immunization organized by Mangalore University and Microbiologist society, India (MSI), Karnataka chapter on 30th Sept. 2020
- xii. Attended National webinar on Implementation of NEP 2020 organized by IQAC, PAHSU, Solapur on 25th Sept. 2020
- xiii. Attended National webinar on ‘Education and Digital Era’ organized School of Computational Sciences, PAHSU, Solapur on 28th August, 2020
- xiv. Participated in the International webinar on ‘Advances in Microbiological Research’ Organized by Department of Microbiology, Ramaiah College of Arts, Science and Commerce, Bengaluru on 17th -20th August, 2020
- xv. Attended webinar on Probiotics: Role in Human Health & possible role in COVID-19 like infections organized by K.K. Wagh College of Food Technology, Nashik on 13th August, 2020
- xvi. Participated in National Webinar on Role of Yoga and Acupressure in Fight Against COVID 19: A Realistic Approach organized by School of Allied Health Sciences and IQAC, PAHSU, Solapur on 2nd August, 2020
- xvii. Participated in an online International Level Sports Guess Competition-2020 Organized by Department of Physical Education, Hajee Karutha Rowther Howdia College, Madhurai on 30th July, 2020

- xviii. Participated in the one day International Webinar on Your Attitude Defines Your Altitude organized by Department of English and Zoology Indira Gandhi Govt. Arts and Commerce PG College Vaishali Nagar (IGGCV), Bhilai on 23rd July, 2020
- xix. Attended webinar on HPTLC: practices, applications and regulatory compliance organized by Anchrom enterprises Pvt. Ltd., Mumbai and MACS- Agharkar Research Institute, Pune on 23rd July, 2020
- xx. Attended One Day Webinar on Reinventing Research: IPR for Revenue Generation organized by Shankar Maharshi Shankarrao Mohite Patil Institute of Technology and Research Shankarnagar (SMSMPITR), Akluj and PSP-IP on 22nd July, 2020
- xxi. Attended 5 days Program on IT Skills for Smart Teaching conducted by Rotary India Literacy Mission on 20th July, 2020
- xxii. Participated in the Webinar on The use case for targeted RNA panels for SARS-CoV-2 identification and host gene expression organized by QIAGEN on 30th June, 2020
- xxiii. Participated in one day National Webinar on The Lonar Crater organized by Department of Zoology of Late Ku. Durga K. Banmeru Science College, Lonar on 27th June, 2020
- xxiv. Participated in one day National Webinar on The great role of Botanists in production of high quality authentic Ayurvedic/ Herbal medicine organized by Department of Botany and IQAC, Egra Sarada Shshi Bhushan, West Bengal on 25th June, 2020
- xxv. Participated in the Webinar on The importance of rRNA removal for RNA-seq applications involving viruses, host responses and metatranscriptomics organized by QIAGEN on 24th June, 2020
- xxvi. Participated in one day National Webinar on COVID-19: Challenges and Solutions before the Indian Government organized by Mahila Mahavidyalaya, Nagpur on 23rd June, 2020
- xxvii. Attended online lecture on Vedas and Science organized by Department of Public Administration and L S G, RTMN University, Nagpur on 20th June, 2020
- xxviii. Actively participated in Yoga Awareness Quiz organized by Department of Physical Education, H. J. Thim College, Jalgaon on 20th June, 2020
- xxix. Participated in the Webinar on Using target whole viral genome sequencing to understand COVID-19 organized by QIAGEN on 17th June, 2020
- xxx. Participated in IQAC Lockdown Lecture Series 6 on Covid-19: Its Consequences and expected policies organized by Department of Economics and IQAC, College of Commerce, Arts and Science, Patana in collaboration with IEA and EAB on 17th June, 2020
- xxxi. Participated in Quiz on Molecular Biology Organized by Department of Botany, Bhagwantrao Arts and Science College, Etapalli Di. Gadchiroli, May, 2020
- xxxii. Pledged and Participated in online Carona Awareness Program organized by Sharada International School, Latur on 17th May, 2020
- xxxiii. Participated in Awareness Campaign on COVID-19 organized by Collector office and Z.P. Chandrapur on 17th May, 2020

- xxxiv. Participated in the COVID-19 Awareness Quiz 2020 conducted by Amity Institute of Biotechnology, Amity University Mumbai on 16th May, 2020
- xxxv. Participated in National Web Conference on ‘Microbiology, Biotechnology and Pharmaceutical Science Organized by Sanjivani Arts, Commerce and Science College, Kopargao and Microbiologist Society, India on 10th and 11th May, 2020
- xxxvi. Participated in State Level Online Microbiology Quiz 2020 organized by IQAC of K.K. Wagh Arts, Commerce, Science and Computer Science, Nashik in May, 2020
- xxxvii. Participated in Spitting Kills Campaign during Apr – May, 2020 to prevent spread of COVID-19 ACF supported by TATA Trusts, NSS unit
- xxxviii. Attended One Day Seminar -Cum-Exhibition on Medicinal Plants Organized by SRTMUN, School of Life Sciences and Rajiv Gandhi Science & Technology Commission, Government of Maharashtra on 26th Feb 2018.
- xxxix. Oral presentation on ‘Identification of major mycoflora of scalp: A key for future control’ at International Symposium on Fungal Biology: Advances, Applications and Conservation (INSFB-2018) & 45th Annual meeting of Mycological Society of India organized by National Fungal Culture Collection of India (NFCCI) MACS’ARI, Pune during 19-21 Nov 2018.
- xl. Attended One Day National Seminar on Intellectual Property Rights (IPR) Organized by Department of Botany, Dayanand Science College, Latur on 22nd Sept. 2018.
- xli. Participated in one day Seminar-Cum-Exhibition on Medicinal Plants held at SRTMUN, on 26 Feb 2018
- xlii. Participated in National Seminar on “Recent advances in Standardization of Herbal Drugs” held at SRTMUN, in Aug 2017
- xliii. Participated in National Symposium on “Practices In Sustainable Agriculture, Aquaculture and Animal Husbandry” held at RSM Latur in March 2017
- xliv. Participated in one-Day State Level seminar on “Caste Superiority-Inferiority Complex & Human Rights” organized by COCSIT in Jan 2013
- xlv. Participated in seminar on “process requirement of BT industry, Advances in cell biology, flow cytometry in research applications” organized by Millipore in Feb 2010
- xlvi. Paper Presented in “COCSIT Herbal Symposium” Organized by Department of BT in Nov 2010
- xlvii. Participated in State level seminar on “Recent Advances in Fermentation Technology” organized by Department of Microbiology DSC, Latur in Mar 2009.
- xlviii. Participated in National Seminar on “Scope & future of Biotechnology” held at B.A.M.U., sub center Osmanabad in Nov 2008
- xlix. Participated in National Symposium on “Genomics, Proteomics & Bioinformatics” held at Osmanabad in Feb 2007
- 1. Participated in Seminar on “Protein Modeling and drug designing” held at S.R.T.M.U. Nanded in Oct 2004

Workshops:

- i. Attended Seven days National online workshop in Applied Life-Sciences conducted by Department of Microbiology and Zoology, Nizam College (A) Osmania University, Hyderabad held during 24th – 30th July, 2020
- ii. Participated in one day online workshop on Video Content Generation organized by IQAC, COCSIT, Latur on 13th June, 2020
- iii. Participated in two days Interdisciplinary National workshop on E-Content Development for effective Teaching and Learning held on January 3rd and 4th 2020 Organized by IQAC, Smt. Sushiladevi Deshmukh Senior College, Latur
- iv. Participated in one day State level workshop on Intellectual Property Rights Organized by COCSIT, Latur on 26th December 2019
- v. Participated in one day workshop on “Ability Enhancement Course” organized by Department of Computer Science, COCSIT, Latur on 16 Sept 2017.
- vi. Participated in UGC sponsored one day workshop on “Anti-plagiarism and Research” at S.R.T.M.U Sub-center, Latur on 4th Feb 2017.
- vii. Participated in 1-Week workshop on “Functional English” organized by Department of English, COCSIT, Latur on 17th to 22nd Oct 2016
- viii. Participated in 1-Day workshop on “Choice Based Credit System” Sponsored by SRTMU, Nanded on 7th October 2014.
- ix. Participated in scientific sessions of the International workshop on “Molecular Biology” Sponsored by HiMedia Laboratories Pvt. Ltd. organized at DBT, COCSIT, Latur in Sept 2014.
- x. Participated in scientific sessions of the International workshop on “Higher Education and career Opportunities in Biotechnology” organized at Tirupati, A.P. south India in June 2013.
- xi. Participated in National seminar cum workshop on “Biotechnology A Novel trend in pharmacy” organized by college of Computer Science & IT, Latur in May 2011.
- xii. Participated in UGC sponsored State level workshop on “Gateway to NET/SET” organized by Dayanand college of Commerce, Latur in May 2010.
- xiii. Participated in National seminar cum workshop on “Biotechnology A Novel trend in pharmacy” organized by K.T. Patil college of pharma, Osmanabad in Mar 2010.
- xiv. Participated in workshop on “Advances in computer aided drug designing” organized by VLife Pune & SRTMU sub center Latur in Feb 2010.
- xv. Participated in workshop on “practical Aspect in Electrophoresis & Immunology technique” organized by BioEra medical system held at Latur in Apr 2008.
- xvi. Participated in workshop on “More drop per crop & Water management” organized by school of Earth sciences S.R.T.M.U., Nanded in Mar. 2007.
- xvii. Participated in workshop on “personality Development” held at RSML, Latur in Sep. 2001.

6. Awards/ Prizes received

- **2nd Prize** University Level Avishkar Research Festival-2019
- **1ST Prize** District Level Avishkar Research Festival-2019
- **2nd Prize** University Level Avishkar Research Festival-2018
- **1ST Prize** District Level Avishkar Research Festival-2018
- **1ST Prize** ICMTBT-2018 (Oral) Dr. D.Y. Patil Vidyapeeth, Pune and MSI, India
- **1ST Prize** 7th International Science Congress (Poster), Bhutan
- **2nd Prize** University Level Avishkar Research Festival-2017
- **1ST Prize** District Level Avishkar Research Festival-2017
- **Recipient of “COCSIT BHUSHAN” in 2008-09 at COCSIT, Latur**
- **1ST Prize** in debate competition held at RSML in Sep. 2003
- **1st Prize** in debate competition organized by NSS held at RSML in Sep. 2001
- **2nd Prize** in Kabbadi district level inter School Krida competition in Aug. 1995

7. Training programme conducted and attended

- i. Attended training on Essentials of COVID-19 Diksha, Department of Personnel and training, 9th June 2020
- ii. Conducted 15- days summer training programme on Maintenance and culturing of Microorganisms in May-2019 for Biotechnology students
- iii. Conducted 15-days Winter training programme on Microbial Culture Identification and production of Enzyme in Nov. 2019
- iv. Conducted 8-days summer training programme on Fermentation Technology in May-2018
- v. Attended ‘Hands-on-Training for HP-TLC based Phyto-pharmaceutical and Pesticide Analysis’ Organized by School of Life Sciences, SRTMU, Nanded in Collaboration with Anchrom Enterprises, Mumbai during 7th – 8th May 2018.
- vi. National training sponsored By DBTN & GOI on “Techniques in Animal cell culture & Molecular Diagnostic Virology” organized by college of Veterinary & animal science, Udgir in Jan. 2009.

8. Faculty development programme

- i. Participated in one week online FDP on Effective Proposal Writing for Research and Funding organized by Department of Electronics and Telecommunication Engineering, SITRC, Nashik from 13th-18th May, 2020
- ii. Participated in the Five Days Online Faculty Development Program (FDP) on ‘Precision Medicine’ Organized by School of Biotechnology and Bioinformatics, D. Y. Patil University, Navi Mumbai from 19th – 23rd January, 2021
- iii. Attended Faculty Development Program on Building Emotional Intelligence and Resilience Case Method of Experiential Teaching and Learning Organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Government from 10th – 14th May, 2021

9. Research publications

- i. D. N. Mishra, **K. S. Gomare** and S. V. Sheelwant (2020) “GC-MS Analysis and Phytochemical Screening of *Indigofera tinctoria* (Linn.) Leaf extract characterizing its Medicinal use” International Journal of Ayurvedic Medicine (IJAM) ISSN – **0976-5921 Vol. 11 (2), pp 289-299.**
- ii. Ashish Gulwe, Debendranath Mishra and **Komal Gomare** (2019) ‘Docking studies of lipase (Mflip1) from *Malassezia furfur* (Robin) with Propanamide, N-methyl-2-amino and 1-Propanol, 3-(dimethylamino) predicting inhibitory activity’, International Journal of Pharmaceutical Research (IJPR) ISSN – **0975-2366 Vol.12(1), pp 899-903.**
- iii. **Gomare K. S.** and Mishra D.N. (2019) ‘*Malassezia globosa* strain KK-11 large subunit ribosomal RNA gene, partial sequence, GenBank: MN079046.1 [National Center for Biotechnology Information](https://www.ncbi.nlm.nih.gov/nucleotide/MN079046.1)(NCBI), [U.S. National Library of Medicine](https://www.ncbi.nlm.nih.gov/nucleotide/MN079046.1)8600RockvillePike, Bethesda MD, 20894 USA: <https://www.ncbi.nlm.nih.gov/nucleotide/MN079046.1>
- iv. Study of Inhibitory Effect of Plant Extracts on Lipolytic Enzymes Secreted By *Malassezia furfur* **K. S. Gomare**, P. V. Nagime and D. N. Mishra IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:**2278-3008 Vol.13(4), pp 17-24.**
- v. **Gomare K. S.** and Mishra D. N. (2018) ‘*Malassezia furfur* strain CRS-39 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence’,[National Center for Biotechnology Information](https://www.ncbi.nlm.nih.gov/nucleotide/MG266021.1)(NCBI), GenBank: MG266021.1 [U.S. National Library of Medicine](https://www.ncbi.nlm.nih.gov/nucleotide/MG266021.1)8600 RockvillePike, Bethesda MD, 20894 USA: <https://www.ncbi.nlm.nih.gov/nucleotide/MG266021.1>
- vi. Characterized Identification And Low Cost Preservation Of *Malassezia* Spp.- Enabling Future Possibility For Control **Komal S. Gomare** and D. N. Mishra International Journal of Pharmacy and Biological Sciences **E-ISSN: 2230-7605 Vol.8(1), pp 1-10.**
- vii. FT-IR Spectroscopic analysis of phytochemical extracts from *Hibiscus rosa – sinensis* L. used for hair disorders **K. S. Gomare** and D. N. Mishra International Journal of Recent Trends in Science and Technology (IJRTSAT) **P-ISSN 2277-E-ISSN 2249-8109 ICHRAFHN 2018 pp70-75.**
- viii. A Critical Study Of Medicinal Plants In The Texts Of *Bṛhatṭrayī* And *Mādhava Cikitsā* Treatises Of Āyurveda For The Treatment Of Hair Disorders **K. S. Gomare** and D. N. Mishra International Research Journal of Biological Sciences (IJBS), **E-ISSN: 2278-3202 Vol. 6 (2), 2017, pp 42-52.**
- ix. Isolation of *Rhizobium* and Cost Effective Production of Biofertilizer **K. S. Gomare** al*, M. Mese b and Y. Shetkar Indian Journal of Life Science, **E-ISSN 2277-1743, Volume 2, 2013 pp 49-53.**

- x. Isolation of *Azotobacter* and Cost Effective Production of Biofertilizer **K. S. Gomare**, M. Mese and Y. Shetkar Indian Journal Applied Research, **E-ISSN 2249-555X, Volume 3, Issue 5 May 2013 pp 54-56.**
- xi. Potential Antimicrobial activity of *Argemone Mexicana* solvent Extracts against some pathogenic Bacteria **K. S. Gomare**, S.R. Ghuge Indian Journal Research, **PARIPEXE-ISSN 2250-1991, Volume 1, Issue:12 2012 pp 01-02.**
- xii. Degradation of Polyaromatic Hydrocarbons by Isolated Cultures From Contaminated Soils at Petrol Pump Stations: **K. S. Gomare**, M. N. Lahane International Journal of Recent Trends in Science And Technology, **E-ISSN 2249-8109, Volume 1, Issue 1, 2011 pp 09-13.**
- xiii. Potential of *Bacillus sp.* Isolated from the paper industry effluent for the waste water treatment: **Komal S Gomare** and G Gyananath. **World Congress on Biotechnology-2011** 325 21-23 March 2011 **doi:10.4172/2155-6199.1000001.**

10. Career objectives

- I am a passionate teacher and love to teach students in my basic core subject and applied contents
- Inspired to contribute to nation building through youth force
- Endeavour to explore modern research, enhance scientific quality and reestablish relevant ancient wisdom to present utility
- Looking at academic and research betterment in Biotechnology linked avenues

11. Details of educational qualifications:

Exam.	Year	Board/ University	Marks (%)	Specialization
Ph.D.	2016-2020	S.R.T.M.U. Nanded	Awarded	Study on hair disorders
M.Phil	2006-2008	PRIDE, SELAM	62.25	Biotechnology
M.Sc.	2004-2006	S.R.T.M.U. Nanded	57.37	Biotechnology
B.Sc.	2001-2004	S.R.T.M.U. Nanded	64.16	Chem., Botany, Micro.
H.Sc.	1999-2001	Latur Div.Board	61.33	PCB, Dairy Sci.
S.S.C.	1989-1999	Latur Div.Board	62.93	Science, Math, Sociol.

12. Personal Information

Candidate's Name: Dr. Komal Sudhakar Gomare (Gurme)
 Gender: Female
 Marital Status: Married
 Date of Birth: 15th March 1984
 Caste/ Category: Yelam (OBC)
 Nationality: Indian
 Email ID: komalgomare2007@rediffmail.com / Komalgomare2007@gmail.com
 Mobile No: 9284238413
 Correspondence address: C/o Mr. Vishwanath P. Gurme
 Near Sudarshan Hostel, Khadgao Road, Latur
 Maharashtra, India - 413531