

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**STAFF ACHIEVEMENT (2017-19)**

1. All staff members of PG and research department of microbiology have attended the two days National Conference on “Interdisciplinary Research and Innovations in Biosciences – NATCON-2018” held on 24-01-2018 and 25-01-2018 organized by Mohamed Sathak College of Arts and Science, Chennai-119.
2. Dr. Reena has delivered a lecture in Young Student Scientist Programme- May 2019. Which was held in Mohamed Sathak College of arts and science.
3. Dr. O. S. Aysha has delivered a lecture in Young Student Scientist Programme- May 2019. Which was held in Mohamed Sathak College of arts and science.
4. Dr. O. S. Aysha and Dr. A. Reena have participated in the one day National Conference on “Emerging Trends in Viral Diseases” held on 14-02-2018 by the Department of Microbiology, Dr A.L.M Post Graduate Institute of Basic Medical Science, University of Madras, Chennai-113.
5. Dr. Reena has attended the National seminar on “Academia-Industry Interface” July 2018 held in Dr. MGR Janaki College of arts and science.
6. Dr. Reena has attended the National conference on Emerging Trends in Viral Diseases, which was held at Dr. ALM Post graduate Institute of basic Medical Science.
7. All staff members of PG and research department of microbiology have participated in the one day Faculty Development Program on “Mentoring-Being a Great Teacher and Moving towards Excellence” held on 07-12-

- 2017 by the Internal Quality Assurance Cell, Mohammed Sathak College of Arts and Science, Chennai-119.
8. Dr. Z. Sahin Banu has attended the two days lecture workshop on “Recent Advances in Biological Sciences” held on 08-12-2017 and 09-12-2017 organized by Centre for Advanced Studies in Botany, University of Madras, Chennai-25.
  9. Dr. S. Valli has participated in the one day Seminar on “Active Learning in Higher Education” held on 12-06-2017 by Dr. MGR Janaki College of Arts and Science for Women, Chennai-28.
  10. Dr. S. Valli has attended National Seminar on “Academia –Industry Interface” held on 30<sup>th</sup> and 31<sup>st</sup> July 2018 at Dr. MGR Janaki College of Arts and Science for Women.
  11. Dr. O. S. Aysha has attended Symposium on Chemistry – Biology Interface held on August 11<sup>th</sup> 2018 at Loyola College (Autonomous) Chennai.
  12. Dr. O. S. Aysha, Dr. S. Valli, Dr. P. Nirmala and Dr. A. Reena, have participated in One day Seminar on the Nobel Prize 2018 on October 28<sup>th</sup> 2018 conducted by Tamil Nadu Science Forum.
  13. Dr. P. Praveena presented a paper at national conference on Interdisciplinary Research and Innovations in Biosciences 2018 NATCON. Organized by PG and research department of Biochemistry on 24<sup>th</sup> and 25<sup>th</sup> Jan 2018.
  14. PG and Research Department of Microbiology organized a work shop on “Frontiers and Innovations in Microbiology, Sponsored by Indian Academy of Sciences, Indian National Science Academy and The National Academy of Science held on 10<sup>th</sup> and 11<sup>th</sup> of October 2018 at our Auditorium.

15. Dr. O. S. Aysha, Dr. S. Valli, Dr. P. Nirmala, Dr. Reena, Dr. P. Praveea, Dr. S. Srividhya, Mrs. A. Padmalatha have attended One Day Faculty Development Programme on “Quality Assurance and Sustenance in Higher Education ”Organized by Internal Quality assurance cell, Mohamed Sathak College of Arts and Science, Chennai, on 30<sup>th</sup> January 2019.
16. Dr. O. S. Aysha, Dr. S. Valli, Dr. P. Nirmala, Dr. Reena, Dr. P. Praveena, Dr. S. Srividhya, Mrs. A. Padmalatha have participated in National Science Day Celebration on Some Perception On Science on March 1<sup>st</sup> 2019.
17. Dr. S. Valli, Deepa Jeyakumari.V and Vimal M Published a paper on Silver nanoparticles: A promising alternative approach to combat bacterial infections in the pharma Innovation Journal 2019.
18. Dr. O. S. Aysha served as Keynote Speaker at the 2<sup>nd</sup> International Conference on Clinical and Applied Microbiology on 14<sup>th</sup> & 15<sup>th</sup> December 2023.
19. Participation - Dr. N. Yogananth and Dr. R. Rajan - National Science Day celebration on Some perception on Science, organized by Tamilnadu Science Forum, Chennai District, 1<sup>st</sup> March 2019.
20. Two days National Conference on Modern Biological Sciences organized by Department of Biosciences and research, SNMV College, Coimbatore, 28<sup>th</sup> and 29<sup>th</sup> January, 2019.
21. One day Faculty Development Programme on Quality Assurance and Sustenance in Higher education, organized by IQAC Cell, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai, 30<sup>th</sup> January, 2019.
22. Dr. Yogananth and Dr. Rajan - DBT sponsored 16<sup>th</sup> National Conference of IAAM on Human Microbiome in personal medicine – Bridging Humans

- & Microbes for future sustainability jointly organized by faculty of life sciences, JSS University, Mysuru, 27<sup>th</sup> and 28<sup>th</sup> September, 2018.
23. One day National Symposium on Biodiversity perspectives, organized by PG and Research Department of Zoology and IQAC, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni, 20<sup>th</sup> September 2018.
24. International Conference on Emerging Areas of Biotechnology for Human Welfare and Bio-entrepreneurship, Organised by School of Life Science, B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai, India, 11-12 September, 2018.
25. Attended the AICTE sponsored Short Terms Course on “Current Scenario in Nano and Biotechnological Applications (CSNBA2018)” organized by Department of Chemical Engg, Coimbatore Institute of Technology, Coimbatore on 2<sup>nd</sup> to 8<sup>th</sup> April, 2018.
26. National Conference on Interdisciplinary Research and Innovations In Biosciences, (NATCON-2018), Organised by PG & Research Department of Biochemistry, Mohamed Sathak College of Arts and Science, Sholinganalur, Chennai, India, 24-25<sup>th</sup> January, 2018.

## STUDENTS AND SCHOLARS ACHIEVEMENT

1. V. Hamsavathani has presented a paper on “Biodegradation of organophosphorous pesticide, Chlorpyrifos by microorganisms from Chlorpyrifos contaminated agricultural soil” one day National Conference “Bioconsortium-2018” held on 27 and 28<sup>th</sup> Feb 2018 by Madras Christian College, Chennai-59.
2. S. Shanmugha Priya, Krishna Devan S, Farzana Hilal, Jayalakshmi K, Richard P, Bharani T, Mythili V, Lakshmanan S and Deepak L have attended the two days National Conference on “Interdisciplinary Research and Innovations In Biosciences – NATCON-2018” held on 24-01-2018 and 25-01-2018 organized by PG and Research Department of Biochemistry, Mohammed Sathak College of Arts and Science, Chennai-119.
3. Farzana Hilal, has presented a paper on “Assessment of Antioxidant and Antimicrobial activities of *Strobilathus barbatus* against organism isolated from Arthritic synovial fluids” by “Interdisciplinary Research and Innovations In Biosciences – NATCON-2018” held on 24-01-2018 and 25-01-2018 organized by PG and Research Department of Biochemistry, Mohammed Sathak College of Arts and Science, Chennai-119.
4. Farzana Hilal and Richard P have participated in one day National Conference on “Emerging Trends in Viral Diseases” held on 14-02-2018 by the Department of Microbiology, Dr A.L.M Post Graduate Institute of Basic Medical Science, University of Madras, Chennai-113.
5. Farzana Hilal has attended two days lecture workshop on “Microbes on spot light-Recent Progress in Microbial interaction” held on 27-02-2018 and 28-02-2018 “VIROCON-18” by the Department of Microbiology, Dr A.L.M Post Graduate Institute of Basic Medical Science, University of Madras, Chennai-113.

6. Ramya,V, Thasin Banu, A., Nithya, S., Prasanth, N and Syed Javid, S. have attended one day internship program on “Internship on Medical Bioinformatics” held on 25-02-2018 by the Department of Bioinformatics, Sri Ramachandra Medical College and Research Institute, Chennai-116.
7. Thenmozhi.J, Navaneetha Krishnan.S, Nikitha Solomon, Alexander wangkhem and Vigneshwaran.A have attended National Seminar on “Academia –Industry Interface” held on 30<sup>th</sup> and 31<sup>st</sup> July 2018 at Dr. MGR Janaki College of Arts and Science for Women.
8. Sasikala. G, Bakiya Lakshmi. A, Vasugi. G,Shalini. D,Yogalakshmi, K,Pavithra.S, Nargees Banu.A, Danashree.U, Annapoorani.M, Roobini and Sangeetha.P have participated National Symposium on “Frontiers in Immunology” Organized by Department of Microbiology, Vel’s Institute of Science,Technology And Advanced Studies(VISTAS) on September 28<sup>th</sup> – 2018.
9. Yuaraj.C, Sasikumar.E, Thayera.S and Rajeshwari.I have participated in National Conference on Current Scenario in Environment, climate Change and Biodiversity on 28<sup>th</sup> September 2018 held at Kumararani Meena Muthiah College of Arts and Science.
- 10.V B Malathi have participated in the one day International conference on “Importance of Microorganism in Research – ICIMR-2020 Organized by IQAC & Department of Microbiology held on 7<sup>th</sup> Nov 2020.
- 11.V B Malathi has participated in the National level Virtual Webinar On “Phyto Medicine – A New look “organized by the department of Biotechnology, D G Vaishnav College on 24<sup>th</sup> Nov 2020.
- 12.V B Malathi has participated in the National Webinar On “Microbiology & Therapeutics “organized by the department of Botany, Dhenkanal autonomous college on 29<sup>th</sup> Dec2020.

13. CK Babini attended FDP /SDP , zoom webinar on "Novel microbes and newer threats" organized by Sathyabama institute of science & technology with IAAM held on 20<sup>th</sup> April- 2<sup>nd</sup> May 2020
14. V B Malathi has participated in the International Webinar On "Molecular Diagnostics & Phage Therapy" organized by the department of Botany & IQAC , Govt. of Karnataka , Bangalore on 16<sup>th</sup> Jan 2021
15. V B Malathi has participated in the Webinar On "Nanotechnology : A General Perspective " organized by the department of Microbiology , D G Vaishnav college on 16<sup>th</sup> Feb 2021
16. V B Malathi have participated in the International Webinar On " Vedic Microbiology" organized by Eklavya University , on 25<sup>th</sup> March 2021
17. V B Malathi has participated in the International Webinar On "Industrial Innovation and Entrepreneurship opportunities in Algal Biotechnology" organized by the department of Microbiology on 26 to 28<sup>th</sup> July 2021

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
STUDENTS AND SCHOLARS (2019-2020)**

1. **Reshmi Mohamed Ali, Nikitha Solomon and Nimisha.M** has participated in Work shop cum seminar on ‘**Recent Advances in Biological Research Data Analysis**’ held at Ethiraj College of Women on 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> February 2019.
2. **Mrs. J. Sangeetha Lakshmi** has participated National conference on current Trends on Conservation of Biodiversity for Food, Nutrition and Health. Presented a paper Entitled A Review on endophytic fungi and their compounds held on 28<sup>th</sup> Feb and 1<sup>st</sup> March 2019 at Prof. Dhanapalan College of Arts and Science, Chennai.
3. **C. Jasmin risvana of I BSC** has participated in Kampan Kazhagam 125<sup>th</sup> Tamil speech on 27 July 2019 held at Thirumal Thirumana Mandapam Ambathur. She also participated in Tamil debate got 1<sup>st</sup> prize held at C. Abdul Hukkeem College State level.
4. **Abdul Jaleel.R, Muhammed swadhiq VK, M. Sathya., G. Swetha, Rasik reham M.F, Jadheer ahsan K.P, Sharini L, Ayisha Abi Fathima B R, Bhargavi M, Meena.U, Gracy.R, Lissy, Isha gopica.G, Anupriya Gowthami.M, Priyadharshini.A, Shahinathul zakiria ,Reshmi Manju. Mnarayani.T, and Farhana Begum** of Microbiology Department have attended a National conference on Environmental and Green energy Conservation for sustainable Development On 21<sup>st</sup> Aug 2019 at Hindusthan College of Arts and Science, Padur, Kelambakkam, Chennai. 103.
5. **Vishali.M., Kowsalya.V., Nishanthini.C., Maragathavalli U., Suguna.B., Darwin vimal.V., Habeebulla.T and Selvarani.S of II M.Sc.** have attended the **National Seminar** Towards Healthy Living Organized by Departments of



Microbiology, Biochemistry & Bioinformatics and Clinical Trial Management on 9<sup>th</sup> September, 2019 at Dr. MGR Janaki College Of Arts And Science For Women, Durgabai Deshmuk Road, Chennai – 600 028.

6. **B.Sc. girl's students** participated in **International youth day** on August 7, 2019. Organized by Mohamed Sathak College of Arts and Science Thozhamai and action aid.
7. **All the students of III B.Sc. and M Sc.** of PG and Research Department of Microbiology have attended **Workshop in Mushroom Cultivation and Biofertilizer Production** held on 28<sup>th</sup> Aug 2019 at Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-119.
8. **R.Swetha, K. Jasmin, B.R. Ayisha abi fathima, T.Saranya of III B.Sc. Microbiology** have attended a seminar on the topic Emerging Trends in Eco Green Technology-ETIEGT-19 On 27<sup>th</sup> September 2019 organized by PG department of Microbiology New Prince Shri Bhavani arts and Science College, Medavakkam, Chennai-100.
9. **B.Sc. girl's students** participated in **International Youth Day** on December 19, 2019 Organized by Mohamed Sathak College of arts and science Thozhamai and action aid.
10. **A.Pushparani** has participated in the webinar on “Antimicrobial surfaces and coating: Where bio meets nano” organized by the department of Microbiology, Tagore college of arts and science, Chennai -44 held on May 20<sup>th</sup> 2020
11. **Priyanka P, Afrin banu J, Sharini L, Dhanashree U, Sujitha B, Javeeth J** has participated in the “**Internship on Medical Bioinformatics** “ on 25<sup>th</sup> Feb 2020 at Dept. of Bioinformatics, conducted by Sri Ramachandra research institution, Chennai

12. **Sharini L,,Keerthika Devi S, Dhanashree U** have Participated in the event Musical Distraction during “Micro Fest 2k20 “ held on 20<sup>th</sup> Feb 2020
- 13.**Sadham M,Chandru V** have Participated in the event Photography during “Micro Fest 2k20 “ held on 20<sup>th</sup> Feb 2020
- 14.**Avisha Abi Fathima B Jasmin K** has Participated in the event Pictionary during “Micro Fest 2k20 “ held on 20<sup>th</sup> Feb 2020
- 15.**Vinodhini A Suba shree R** has Participated in the event Pictionary during “Micro Fest 2k20 “ held on 20<sup>th</sup> Feb 2020
- 16.**C. Jasmin risvana of I BSC** has participated in State level Tamil speech on 12 Feb 2020 held at Mohamed Sathak College. She also participated in Tamil debate got 1<sup>st</sup> prize held at C.Abdul Hukkeem College state level
- 17.**Vinothini R ,Pavithra M ,Arun Pandi C ,Ranjith J,Ruksar Banu M, Yamuna M, Priyadharshini A, Malini V** has attended as a delegates in “Microcolloquium 2020” conducted by Presidency college held on 18 & 19<sup>th</sup> Feb 2020
- 18.**All the students of I M Sc of PG** and Research Department of Microbiology have attended **National seminar on “ Emergence and Reurgence of COVID -19** from biological science Perspectives” held on 19<sup>th</sup> March 2021 organized by Department of Biochemistry at Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-119.
- 19.**Richard P** has participated in the **International webinar** on “Role Of Long Noncoding RNAs in airwat mucoinflammation” held on 29th May 2021 at Sri Sankara Arts and Science college
- 20.**Helen V,Amina Fahmidha** has participated in Azadi ka Amrit Mahotsav in the launch event of **Awareness on HIV &TB**
21. **Amina Fahmidha H M N** has participated in the one day **International conference** on “Importance of Microorganism in Research – ICIMR 2020”

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22. All the students of I MSc of PG and Research Department of Microbiology have attended National seminar on “ Emergence and Resurgence of COVID - 19 from biological science Perspectives” held on 19<sup>th</sup> March 2021 organized by Department of Biochemistry at Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-119.
23. R. Namyukdha and G. Ram Prasanth has Participated in National seminar on Emergence and Resurgence Of Covid 19 From Biological Sciences Perspectives on 19<sup>th</sup> March 2021
24. R. Namyukdha has Participated in webinar “starting your Research“ conducted by Department of Microbiology on 04.04.2021
25. Mohamed Tahaseen & Saliheen Sha has successfully completed HACCP – level 3 Held at SGS India Private limited on 29<sup>th</sup> to 30<sup>th</sup> April 2021
26. Richard P has participated in the international webinar on “Role of Long Noncoding RNAs in airway mucin inflammation” held on 29<sup>th</sup> May 2021 at Sri Sankara Arts and Science College
27. R. Namyukdha has successfully completed the course on “Microbial biofertilizer production technology” from 4<sup>th</sup> to 6<sup>th</sup> August 2021 Organized by foundation for innovative research in science and Technology, Nagercoil
28. R. Namyukdha has participated in UGC Stride Workshop on “Basic and Advanced Molecular Techniques held from 1<sup>st</sup> June to 5<sup>th</sup> June 2021 at Mizoram University, Mizoram and obtained grade A
29. R. Namyukdha has participated in Student development program on “Microbial and plant forensic Investigation Methodology” organized dept. on 18.07.2021

- 30.R. Namyukdha has participated in the international webinar on “industrial innovation and entrepreneurship opportunities in algal biotechnology” held on 26<sup>th</sup> to 28<sup>th</sup> of July 2021
- 31.R.Namyukdha has participated in webinar “Vermitechnology for Sustainable Agriculture and Organic Waste Management “conducted by Department of Zoology, M.R Govt. Arts College, Mannargudi on 30<sup>th</sup> July.2021
- 32.R.Namyukdha has participated in webinar “Trends in Forensic Science on 30<sup>th</sup> July, 2021
- 33.R. Namyukdha has successfully completed the course on “Microbial biofertilizer production technology” from 4<sup>th</sup> to 6<sup>th</sup> August 2021 organized by foundation for innovative research in science and Technology, Nagercoil
- 34.R. Namyukdha has participated in webinar on “Delta Variant corona – An awareness” on 7<sup>th</sup> August 2021 Organized by Jaya college of arts and science Thiruniravur.
- 35.R. Namyukdha has participated in “Five days National level Virtual Entrepreneurship Development Program” on 16<sup>th</sup> to 20<sup>th</sup> July 2021 Organized by NSS of MR Govt. arts college Mannargudi
- 36.R. Namyukdha has participated in “Four week international online certificate course on” Basic Techniques in Microbiology, Tirupattur from 4<sup>th</sup> to 8<sup>th</sup> August 2021 has successfully completed with Distinction
- 37.R. Namyukdha has participated in Four week international online certificate course on ”Microbial Inoculants Technology”, Tirupattur from 4<sup>th</sup> to 8<sup>th</sup> August 2021 has successfully completed with Distinction
- 38.R. Namyukdha has successfully completed the internship on Microbiological Method for food analysis hosted from 23<sup>rd</sup> to 25<sup>th</sup> June 2021 organized by foundation for innovative in science and technology, Nagercoil

39.C. Jasmin Risvana of has participated in State level Tamil speech held on 03.06.2022 and won a cash prize of 20,000 from our honorable Chief Minister Mr. M .K Stalin.

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**STAFF PUBLICATIONS 2018-2020**

1. K. Jayalakshmi, P. Nirmala [www.ijrar.org](http://www.ijrar.org) 253 Optimization of Immobilization of Invertase in Alginate gel and its comparative biochemical studies with free Invertase. International Journal of Research and Analytical Reviews (IJRAR), 2018. IJAR October 2018, Volume 5, Issue 4 (E-ISSN 2348-1269, P- ISSN 2349-5138).
2. **Valli S**, Divya, 2019. Green Tea extract propitious approach to combat Urinary tract pathogens. International Journal of Pharmacy and Biological Science.1.07.2019.
3. **Valli S**, Divya, 2019. Anticancerous and antioxidant activity of *Camellia sinensis*. International Journal of Interdisciplinary Research and Innovations, April-June 2019.195-200.
4. **K. Jayalakshmi and P. Nirmala** Purification and characterization of extracellular invertase from *Saccharomyces cerevisiae* Purification and characterization of extracellular invertase from *Saccharomyces cerevisiae* Journal of Emerging Technologies and Innovative Research, March 2019, Volume 6, Issue 3 [www.jetir.org](http://www.jetir.org) (ISSN-2349-5162).

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**STAFF ACHIEVEMENT (2019-20)**

1. Dr.O.S.Aysha, Dr.P.Nirmala, K.jayalamsi and Reshmi Mohamed Ali have attended International conference on Current research and developments in Microbiology at Saveetha Dental College on 3<sup>rd</sup> of August 2019.
2. Dr. S. Valli visited as course commission member for Apollo College of arts and science on June 2019.
3. Dr. S. Valli received her Ph.D. guideship on November 2019.
4. All Microbiology girls' students of III B.Sc. and II M.Sc. attended International Youth Day at Mohamed Sathak College of art and Science on 7.8.2019 Conducted by Women cell –Mohamed Sathak College of arts and Science College.
5. Dr.O.S.Aysha and Dr. P.Praveena have attended a National conference on Environmental and Green energy Conservation for sustainable Development On 21<sup>st</sup> Aug 2019 at Hindusthan College of Arts and Science, Padur, Kelambakkam, Chennai.103.
6. Dr. S. Valli and Dr.Reena have attended a National Seminar Towards Healthy Living Organized by Departments of Microbiology, Biochemistry& Bioinformatics and Clinical Trial Management on 9<sup>th</sup> September-2019 at Dr. MGR Janaki College Of Arts And Science For Women, Durgabai Deshmuk Road, Chennai – 600 028.
7. All the Staff members of PG and Research Department of Microbiology Conducted One day Workshop in Mushroom Cultivation and Biofertilizer Production, on 28<sup>th</sup> Aug 2019 at Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai-119.

8. Dr.O.S.Aysha has been awarded best teacher on 7<sup>th</sup> September 2019 at Global Health City by Guru Seva Bhava.
9. Mrs A. Padmalatha has attended a seminar on the topic Emerging Trends in Eco Green Technology-ETIEGT-19 On 27<sup>th</sup> September2019 organized by PG department of Microbiology New Prince Shri Bhavani arts and Science College, Medavakkam, Chennai-100.
- 10.Dr.O.S.Aysha participated in one day seminar in Guru Nanak College of Arts and Science as a Sessional Chairperson on 27<sup>th</sup> September2019.
- 11.Dr.O.S.Aysha, Dr. S. Valli, Dr. P.Praveena and Dr.P.Nirmala have attended Faculty development Programme on Artificial intelligence and cyber security Organized by PG department of Computer Science 29<sup>th</sup> January 2020.
- 12.Dr.O.S.Aysha & Dr. S. Valli participated in NPTEL workshop conducted on 18.02.2020 by IIT madras at Mohamed Sathak College of arts and science.



## **STAFF ACHIEVEMENT (MARCH –DECEMBER-2020)**

1. Dr. O. S. Aysha and Dr. S. Valli have been selected as mentor to guide students for CSIR –summer Research Training Program (CSIR-SRTP) 2020 online.
2. Dr.O.S.Aysha has attended a Faculty Development Programme on Artificial Intelligence & Cyber Security organized by PG department of computer Science, Mohamed Sathak College of Arts And Science, Chennai on 29/01/2020.
3. Dr.O.S.Aysha has attended an international webinar on “Novel Microbes and Newer Threat” (20th to may 1st April 2020), Organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiology. (IAAM) and California University of Science and Medicine, USA.
4. Dr.O.S.Aysha has attended an international webinar on May 11th to May 16th on “Practical Bioinformatics on a wet lab setup” by Sathyabama Institute of Science and technology, IAAM and California University, Chennai.
5. Dr.O.S.Aysha has attended a workshop on “Materials Technology Advancement in b Current Scenario – MTACS 2020” organized by Department of Physics, Sathyabama Institute of Science and technology, Chennai from 04-07-2020 -10-06-2020.
6. Dr.O.S.Aysha has attended a webinar “The Trinity of COVID- 19: Immunity, Implications and interventions” organized by Department of Microbiology, Biochemistry, PG Department Applied Microbiology, Bioinformatics and Clinical Trial Management of Dr. MGR College of Arts and Science for Women, Chennai from 4-6-2020 to 6-6-2020.

7. Dr.O.S.Aysha has attended a FDP and student development programme on “Practical Bioinformatics on a Wet –Lab set- up –Bioinformatics Webinar Series” conducted by Sathyabama Institute of Science and technology, IAAM and California University from 11-05-2020 to 16-05-2020
8. Dr.O.S.Aysha has attended a FDP on “Importance of Physiotherapy in Community” organized by S.I.V.ET, Gowrivakkam, Chennai on 22-05-2020
9. Dr.O.S.Aysha has attended a webinar on “Guidelines for the Management of Health and Hygiene in COVID-19 Pandemic conducted by Department of Biotechnology, SRM Arts and Science College, Chennai on 18-05-2020.
- 10.Dr.S.Valli has attended a Faculty Development Programme on Artificial Intelligence & Cyber Security organized by PG department of computer Science, Mohamed Sathak College of Arts And Science, Chennai on 29/01/2020.
- 11.Dr.S.Valli has attended Zoom international webinar Series on “Novel Microbes and Newer Threat” (20th to may 1st April 2020), Organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiology. (IAAM) and California University of Science and Medicine, USA.
- 12.Dr.S.Valli participated an international webinar on May 11th to May 16th on “Practical Bioinformatics on a wet lab setup” by Sathyabama Institute of Science and technology, IAAM and California University, Chennai.
- 13.Dr.S.Valli has attended a workshop on “ Materials Technology Advancement in Current Scenario – MTACS 2020” organized by Department of Physics, Sathyabama Institute of Science and technology, Chennai from 04-07-2020 to 10-06-2020.
- 14.Dr.S.Valli has attended a webinar “The Trinity of COVID- 19: Immunity, Implications and interventions” organized by Department of Microbiology,

Biochemistry, PG Department Applied Microbiology, Bioinformatics and Clinical Trial Management of Dr. MGR College of Arts and Science for Women, Chennai from 04-06-2020 to 06-06-2020.

15. Dr. S. Valli has attended a FDP and student development programme on “Practical Bioinformatics on a Wet –Lab set- up –Bioinformatics Webinar Series” conducted by Sathyabama Institute of Science and technology, IAAM and California University from 11-05-2020 to 16-05-2020
16. Dr. S. Valli has attended a FDP on “Importance of Physiotherapy in Community” organized by S.I.V.ET, Gowrivakkam, Chennai on 22-05-2020
17. Dr. S. Valli has attended a webinar on “Guidelines for the Management of Health and Hygiene in COVID-19 Pandemic conducted by Department of Biotechnology, SRM Arts and Science College, Chennai on 18-05-2020.
18. Dr. S. Valli has participated a webinar on “COVID 19: Views and challenges of Global Disease” organized by Research Dept. Of Zoology, Govt. Arts College for Men,, Krishnagiri on May 22 2020 .
19. Dr. S. Valli has attended a National webinar on “Management of Waste through Microbial Fermentation” organized by Dept. of Botany, LRG Govt. Arts College for Women, Tirupur -641604 on 03-06-2020.
20. Dr. S. Valli has participated in the national Level Web conference on “Life Sciences” organized by the Dept. of Microbiology, K.R College of Arts and Science, Kovilpatti on 29<sup>th</sup> June 2020.
21. Dr. S. Valli has attended an international webinar on “Advances in Microbial Technology and Environmental sustainability” organized by the Dept. of Microbiology and NSS, Arputha College of Arts and Science for Women, Pudukottai on 03.07.2020.

22. Dr. S. Valli has attended an international webinar on “Trends in Microbiology” organized by the PG & Research Dept. of Microbiology J. J. College of Arts and Science from 18<sup>th</sup> - 20<sup>th</sup> May 2020
23. Dr. S. Valli has participated in the webinar entitled “Stem Cell Research for COVID 19 held on May 25 2020” organized by the Dept. of Biotechnology, School of Life Sciences, Vels Institute of Science, Technology and Advanced Studies Chennai in association with National Council of Vocational and Research Training, New Delhi.
24. Dr. S. Valli has participated in the webinar on Covid 19: An insight organized by Internal Quality Assurance Cell, Annai Violet Arts and Science College on May 2020.
25. Dr. S. Valli has participated in the webinar series on “Exploring and understanding World Pandemics” organized by the Dept. of Microbiology, Ethiraj College for Women, from 11<sup>th</sup> to 13<sup>th</sup> May 2020.
26. Dr. S. Valli has participated in the webinar series on “Alternative Therapy- A Way of living” organized by the Dept. of Microbiology, Ethiraj College for Women, from 25<sup>th</sup> to 29<sup>th</sup> May 2020.
27. Dr. S. Valli has attended a webinar on “Pandemic :Lessons and Opportunities ,being prepared for a Post Covid Workforce conducted by Department of Biotechnology, SRM Arts and Science College, Chennai on 05-06-2020
28. Dr. S. Valli has participated in the international webinar on Transgenic plant Production- Theoretical & Practical Approach on May 18 2020 organized by Department of Biotechnology, Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem.
29. Dr. S. Valli has participated in the national webinar on “Biodiversity Conservation In Tamilnadu” organized by Guru Nanak College Chapter of

The organization for Industrial Spiritual and Cultural Advancement (OISCA) International, Japan held on 22-05-2020

30. Dr. A. Reena participated in an international webinar on May 11th to May 16th on “Practical Bioinformatics on a wet lab setup” by Sathyabama Institute of Science and Technology, IAAM and California University, Chennai
31. Dr. A. Reena has attended Zoom international webinar Series on “Novel Microbes and Newer Threat” (20th to May 1st April 2020), Organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiology. (IAAM) and California University of Science and Medicine, USA.
32. Dr. A. Reena participated in Guidelines for the management of Health and Hygiene in COVID-19 pandemic (18.5.2020) organized by SRM Arts and Science College, Kaattankulathur, Kanchipuram.
33. Dr. A. Reena has attended webinar series on Health, Food and Nutrition to encounter COVID-19 (22.5.2020 & 23.5.2020) organized by AKS University, Satna, Madhya Pradesh.
34. Dr. A. Reena has participated in the webinar series on “Exploring and understanding World Pandemics “Organized by the Dept. of Microbiology, Ethiraj College for Women, from May 13th 2020.
35. Dr. A. Reena has participated in the webinar series on “Unraveling the Genome Organization of SARS-CoV-2 by Next Generation Sequencing “organized by the Dept of Microbiology, Ethiraj College for Women, from 25<sup>th</sup> – 29<sup>th</sup> May 2020.
36. Dr. A. Reena has attended webinar on IQAC Mechanism organized by STET Womens College Arts and Science 25.05.2020.
37. Dr. S. Srividya participated in Webinar on ‘The power of a teacher’ conducted by ICT Academy on 04.05.2020.

38. Dr. S. Srividya has attended a Webinar on :Where are we with vaccines and treatment for covid-19”organized by Prince Shri Venkateshwara Arts and science college on 13.05.2020
39. Dr. S. Srividya participated in International webinar on Recent trends in Applied Sciences V.H.N Senthil Kumara Nadar College, Virudhunagar on 29.05.2020 to 30.05.2020.
40. Dr. S. Srividya participated Evolve-Webinar series organized by J.N.N Arts and science womens college from 20.05.2020 to 26.05.2020
41. Mrs. A. Padmalatha participated in LaTeX Faculty Development Programme in Chevalier T. Thomas Elizabeth College for Women in APRIL 2020, offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, and Govt. of India.
42. Mrs. A. Padmalatha has participated in the One Day Faculty Development Programme on Quality assurance and Sustenance in Higher Education"" organized by the Internal Quality Assurance Cell, Mohamed Sathak College of Arts and Science, Chennai, 30<sup>th</sup> January 2020.
43. Mrs. A. Padmalatha has attended FDP from 20<sup>th</sup> April to 2<sup>nd</sup> May 2020 at Sathyabama Institute of Science and Technology in association with California Institute of Science and Medicine.
44. Dr. P. Praveena has attended Zoom international webinar Series on “Novel Microbes and Newer Threat” (20<sup>th</sup> May to 1<sup>st</sup> April 2020), Organized by Sathyabama Institute of Science and Technology in association with Indian Association of Applied Microbiology (IAAM) and California University of Science and Medicine, USA.
45. Dr. P. Praveena has attended Zoom international webinar Series on “Biotechnological and Nano technological Application for marine Bio resources Augmentation” organized by Centre for Ocean Research, Col.

Dr.Jeppair Research Park, Sathyabama Institute of Science and Technology, Chennai” 4<sup>th</sup> May to 9<sup>th</sup> May 2020.

- 46.Dr.P.Praveena has Attended webinar “Recent Advanced Techniques of Molecular Biology”, Hindustan College of Arts and Science, Department of Microbiology, Rajiv Gandhi Salai, Padur Kelambakkam, Chennai-603 103, 5<sup>th</sup> May 2020.
- 47.Dr.P.Praveena has Attended webinar “Viruses Caught Prisoner Dilemma”, Hindustan College of Arts and Science, Department of Microbiology, Rajiv Gandhi Salai, Padur Kelambakkam, Chennai-603 103, 7<sup>th</sup> May 2020,
- 48..Dr.P.Praveena has Attended Webinar in “Host Hijacking the science of corona virus”, Manipal University Department of Biotechnology, Jaipur, 8<sup>th</sup> May 2020.
- 49.Dr.P.Praveena has attended webinar “Disinfection Efficacy of Biocides”, Hindustan College of Arts and Science, Department of Microbiology, Rajiv Gandhi Salai, Padur, Kelambakkam, Chennai-603 103, 7<sup>th</sup> to 9<sup>th</sup> May 2020.
- 50.Dr P.Praveena has participated in the webinar series on “Exploring and understanding World Pandemics“ organized by the Dept. of Microbiology, Ethiraj College for Women, from May 13<sup>th</sup> 2020.
- 51.Dr P.Praveena has participated in the webinar series on May 13<sup>th</sup> “Application of Bioinformatics in drug design-(COVID-19), organised by KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore.
- 52.Dr.P.Praveena has participated an International webinar on May 11<sup>th</sup> to 16<sup>th</sup> on “Practical Bioinformatics on a wet lab setup” Organised by Sathyabama Institute of Science and Technology, IAAM and California University, Chennai.

53. Dr. P. Praveena has participated an International webinar on 18<sup>th</sup> May 2020, on “Guidelines for the management of health in COVID-19 Pandemic” by SRM Arts and Science College, Chennai.
54. Dr. P. Praveena has participated an International webinar on 23<sup>rd</sup> May 2020 on “Stem Cell Research SARS-COV-2(COVID-10), by Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem-636308.
55. Dr. P. Praveena has participated an International webinar on 23<sup>rd</sup> & 24<sup>th</sup> May 2020 on “Employability opportunities organized by ST. Joseph’s College (Arts and Science), Chennai.
56. Dr. P. Praveena has participated in the webinar series on “Alternative Therapy- A Way of Living “organized by the Dept. of Microbiology, Ethiraj College for Women, from 25<sup>th</sup> -29<sup>th</sup> May 2020.
57. Dr. P. Praveena has participated in the webinar series on “Unraveling the Genome Organization of SARS-CoV-2 by Next Generation Sequencing “organized by the Dept. of Microbiology, Ethiraj College for Women, from 25<sup>th</sup> – 29<sup>th</sup> May 2020.
58. Dr. P. Praveena has participated in the webinar series on “Indian Phototherapeutics in the Management of Cardio-Metabolic Syndrome” by the Dept. of Biochemistry, Srimad Andavan Arts and Science College (Autonomous), 25<sup>th</sup> May 2020.
59. Dr. P. Praveena has participated in the webinar series on “GC-MS” organized by the Dept. of 5 years integrated course in Bio analytical Sciences, Guru Nanak Khalsa College of Arts and Commerce, Matunga, Mumbai on, 26<sup>th</sup> May 2020.
60. Dr. P. Praveena has participated in the webinar series on “Innovative Technologies in protected Environment Agriculture-Special Focus on the intelligence of Artificial LED lighting in Plant Factory –A Bioinformatics



Perspective” organized by the Dept. of Bioinformatics, School of Life Sciences, VISTAS, Chennai, from 27<sup>th</sup> May 2020.

61. Dr.P.Praveena has participated in the webinar on “Experimental Studies on Degenerative Diseases and its Treatment using Novel Therapeutic Strategies in Laboratory Small Animals” Organized by the Dept. of Biotechnology, Sri Venketeshwara College of Engineering, from 29<sup>th</sup> May 2020.
62. Dr.P.Praveena has participated in the webinar on” Computer Aided Drug Discovery” Organized by the Dept. of Biotechnology, Sri Venketeshwara College of Engineering, from 1<sup>st</sup> June 2020.
63. Dr.P.Praveena has participated in the webinar on “Microbiologists in Everybody” organized By Biocon Academy and Biotechnika Info Labs Pvt. Ltd 3<sup>rd</sup> June 2020.
64. Dr.P.Praveena has participated in the webinar on” Computer Aided Drug Discovery” organized by the Dept. of Biotechnology, Sri Venketeshwara College of Engineering, from 1<sup>st</sup> June 2020.
65. Dr.P.Praveena has participated in the webinar on “Recent Advances in Wound Dressing Biomaterials for the Diabetic Wound care and Management”, Akilandeshwari College for Women, Wand wash, and Department of Biochemistry.
66. Dr.P.Praveena has participated in the webinar on “COVID-19 VS Siddha Medicine”, Bharat Ratna Purachi Thalaivar DR. M.G.R. Government Art’s and Science College, Department of Botany, Palacode-636808.
67. Dr.P.Praveena has participated in the webinar on “Medicine from Our Ancestors Past Traditions in Present Break through”, 24<sup>th</sup> June 2020, ICMR, National Institute of Traditional Medicine.

68. Dr. P. Praveena has participated in the webinar on “Micro plastics 2020”, Vellore Institute of Technology (VIT) Centers for Nano biotechnology (CNBT), Vellore, Tamilnadu, 30<sup>th</sup> June 2020.
69. Dr. P. Praveena has participated in the webinar on “Chola Forests”, Haber Bishop College, Department of Botany, Tiruchirapalli, Tamilnadu.
70. Dr. P. Praveena has participated in the webinar on “International Faculty Development Programme on “Biological & Industrial Applications”, Idhaya College for Women, P.G & Research Department of Microbiology, Kumbakonam.
71. Dr. P. Praveena has participated in the webinar on Faculty Development Programme on “Gender Equality”, Institute of Advanced Study in Education (Autonomous) Saidapet, Chennai - 600 015.
72. Dr. P. Praveena has participated in the webinar on “Science leadership Workshop”, INYAS, Central University of Punjab, Department of Botany, Association with Indian National Science Academy, New Delhi, National Academy of Sciences Bangalore, Indian National, 22<sup>nd</sup> - 28<sup>th</sup> June 2020.

## PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY

STAFF PUBLICATIONS 2020-2021

1. DR.S.Valli, written a chapter (microbial factories for bio fertilizer production) in a book named “**recent trends in modern microbial technology**”, ISBN; 978-93-86739-42-1, FIRST EDITION, Dec-2020.
2. Paul Beulah B.F, Dr.A.Reena,M.Umamaheswari. Characterization of biosurfactants extracted from *Pseudomonas putida* in oil contaminated soil and its application using hydroponic study for bioremediation. International journal of Pharmaceutical Research Spetember-2020
3. Dr.O.S.Aysha, Anti-bacterial activity of clinical isolates from IBD by disc diffusion method and inhibition against biological chitosan by microtitre method using resazurin assay.IJIRT, Feb-2021.
4. **V.Mythili and O.S. Aysha**, Biological Synthesis of Chitosan and its Activity in DSS Induced Colitis. *International journal of Multi-Disciplinary Research. Volume: 10, Issue: 2, February 2021* with ISSN: 2277-7881, 14-24.

## PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY

### STAFF ACHIEVEMENT 2021- 2022

1. Dr.S.Valli has participated in the international webinar on “Safe Food Today for a healthy Tomorrow” on June 5, 2021 organised by Department of Microbiology Valliammal College for women, Chennai.
2. Dr.S.Valli has participated in the national webinar on “Food & Health to combat COVID”organized by the department of Biotechnology, Kumararani Meena Muthiah College of arts and science,Chennai held on June 7<sup>th</sup> 2021.
3. Dr. S.Valli has attended an International webinar on “Transmission Pathogenesis of SARS COV-2 & Its Host Immune Response organized by PG & Research Department of Microbiology Sadakathullah Appa College Tirunelveli, on 11<sup>th</sup> June 2021.
4. Dr.S.Valli has participated in the state level webinar on “Delta+ Variant corona –An Awareness” organized by NSS Jaya College of arts and science, Chennai held on June 7<sup>th</sup> 2021.
5. Dr.S.Valli has participated in the celebration of science festival (Vigyan Utsav) organized by Tamilnadu State Council for Science & Technology, Chennai (DST) held on Oct 6<sup>th</sup> 2021
6. Dr.S.Valli has participated in an International webinar on “Immunobiology & Treatment of COVID-19 organised by Leo Club, Cauvery College for Women, Trichy on Oct 8<sup>th</sup> 2021.
7. Dr.S.Valli is serving as a Reviewer in *Journal of Pharmaceutical Research International*.
8. Dr.S.Valli is serving as a Reviewer in *European Journal of Medicinal Plants*

9. Dr.O.S.Aysha has served as a resource person in Annai Violet Arts & Science College, Chennai on 16-04-2021 in the topic “COVID Vaccines- A defense for Pandemic”
- 10.Dr.O.S.Aysha has served as a resource person in Sana Model School, Chennai on 12-062021 in the topic “Safety Protocols to Avoid COVID 19”
- 11.Dr.O.S.Aysha has served as a resource person in Jaya College of Arts and Science, Chennai on 07-08-2021 in State level webinar on “Delta + Variant Corona” – An Awareness.
- 12.Dr.O.S.Aysha is serving as a Reviewer in *Walailak Journal of Science and Technology* and *Journal of Pharmaceutical Research International*.
- 13.Dr. O.S. Aysha has participated in the international webinar on “Safe Food Today for a healthy Tomorrow” on June 5, 2021 organized by Department of Microbiology Valliammal College for women, Chennai.
- 14.Dr.O.S.Aysha has participated in the celebration of science festival (Vigyan Utsav) organized by Tamilnadu State Council for Science & Technology, Chennai (DST) held on Oct 6<sup>th</sup> 2021
- 15.Dr.O.S.Aysha has participated in an International webinar on “Immunobiology & Treatment of COVID-19 organized by Leo Club, Cauvery College for Women Trichy on Oct 8<sup>th</sup> 2021.
- 16.Dr.O.S.Aysha has attended an Intercollegiate FDP Programme on “Socio and Industrial IPR in Current Era” Organized by Kumararani Meena Muthiah College of Arts and Science, Chennai held on June 12<sup>th</sup> June, 2021.
- 17.Dr. O.S. Aysha has participated in one day webinar on “Starting your Research”on April 4<sup>th</sup>, 2021 organized by Department of Microbiology Valliammal College for women, Chennai.

18. Dr. O. S. Aysha has participated in National webinar “Empowering Women through Entrepreneurship” on 15/06/2021 conducted by Gurunanak Centre for Research in Association with OISCA International Gurunanak College Chapter.
19. Dr. O.S. Aysha has participated in National webinar “Industrial *Spirulina* Production Technology” organized by Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi on 02/06/2021.
20. Dr.S.Srividya has participated in the National seminar conducted by Indian Science congress association, Chennai chapter on Emergence and resurgence of covid-19 from biological sciences perspectives on March 19, 2021.
21. Dr.P.Praveena has participated in the webinar on “Managing Emotional Traffic Jams” Organized by Prof. Tony Sam George, Christ University, Bangalore on November 15, 2021.
22. Dr.P.Praveena has participated in the International webinar on “Protein Translation with Polysome Profiling “organized by the PG & Research Department of Biochemistry, Sri Akilandeswari Women’s College, Wandiwash on December 11<sup>th</sup> 2021.
23. Dr. O.S. Aysha has participated in Seminar on “Intellectual Property Rights“ organized by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.
24. Dr. S.Valli has participated in Seminar on “Intellectual Property Rights“ organized by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.
25. Dr.P.Praveena has participated in Seminar on “Intellectual Property Rights organized” by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.

26. Dr. S. Srividhya has participated in Seminar on “Intellectual Property Rights “ organized by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.
27. Dr. Mrs. Mythili has participated in Seminar on “Intellectual Property Rights“ organized by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.
28. Dr. R. V Prabu has participated in Seminar on “Intellectual Property Rights “ organized by Mohamed Sathak College of Arts and Science on December 18<sup>th</sup> 2021.
29. Dr. O. S. Aysha has participated in Faculty development Program on “ Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021
30. Dr. S. Valli has participated in Faculty development Program on “Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021
31. Dr. P. Praveena has participated in Faculty development Program on “Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021
32. Dr. S. Srividhya has participated in Faculty development Program on “Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021
33. Mrs. M. Mythili has participated in Faculty development Program on “Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021
34. Dr. R. V. Prabu has participated in Faculty development Program on “Research Methodology“ organized by Mohamed Sathak College of Arts and Science on December 22<sup>nd</sup> 2021

35. Dr. O.S Aysha has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
36. Dr.S.Valli has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
37. Dr.P.Praveena has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
38. Dr.S.Srividya has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
39. Mrs.M.Mythili has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
40. Dr.R.V Prabu has participated in IP Awareness /Training program under National Intellectual Property awareness Mission on March 18<sup>th</sup> 2022
41. Dr.S.Valli has participated in Two days FDP on Intellectual Property awareness Rights held on March 28<sup>th</sup> & 29<sup>th</sup> 2022
42. Dr.O.S.Aysha has participated in the International conference On “Unraveling Therapeutic Resource from Natures Treasure“ organized by PG and Research dept. of Bioscience, Chennai at MSCAS on 20<sup>th</sup> & 21<sup>st</sup> April 2022
43. Dr.S.Valli has participated in the International conference On “Unraveling Therapeutic Resource from Natures Treasure“ organized by PG and Research dept. of Bioscience, Chennai at MSCAS on 20<sup>th</sup> & 21<sup>st</sup> April 2022
44. Dr. P.Praveena has participated in the International conference On “Unraveling Therapeutic Resource from Natures Treasure“ organized by PG and Research dept. of Bioscience, Chennai at MSCAS on 20<sup>th</sup> & 21<sup>st</sup> April 2022



45. Dr S. Srividhya. has participated in the International conference On “Unraveling Therapeutic Resource from Nature's Treasure” organized by PG and Research dept. of Bioscience, Chennai at MSCAS on 20<sup>th</sup> & 21<sup>st</sup> April 2022
46. Mrs M. Mythili has participated in the International conference On “Unraveling Therapeutic Resource from Nature's Treasure “ organized by PG and Research dept. of Bioscience, Chennai at MSCAS on 20<sup>th</sup> & 21<sup>st</sup> April 2022
47. Dr. P. Praveena has participated in webinar on “Role of Biotechnologist in Pharma Industry “organized by the Department of Biotechnology , Anna university Coimbatore on 20<sup>th</sup> July 2022
48. Dr. A. Reena has participated in the Impact Lecture Session –I on “The importance of IPRS & Fundamental of E-Filing of patents & Prosecution and ideation into product and Funding Avenues for Startups Held on 21.07.2022 organized by Guru Nanak innovation council and sponsored by AICTE, New Delhi.
49. Dr. S. Valli has participated in 3 days FDP on Team Building and Managing conducted by ICT academy held on 9<sup>th</sup> to 11<sup>th</sup> August 2022 at Shri Shankarlal Sundarbai Shasun Jain College for Women.

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**STAFF PUBLICATIONS 2021-2022**

- 1 Farzana Hilal, Aysha O.S. *Strobilanthes barbatus* ameliorates adjuvant-induced arthritis in rats through inhibiting TNF- $\alpha$  signaling pathways International Journal of Innovative Research in Technology, August, (2021),| ISSN: 2349-6002 Volume 8 Issue 3, 578-583.
- 2 Farzana Hilal<sup>1</sup> and **Aysha O.S.**, Phytochemical, Antioxidant, Antibacterial and Mutagenic property (AMES) in vitro analysis of *Strobilanthes barbatus*. International Journal of Innovative Research in Technology, Volume 7 Issue 11 | ISSN: 2349-6002. 728-735.
- 3 Antibacterial activity of *Terminalia chebula* and *Terminalia bellerica* fruit extracts against imipenem and meropenem resistant *Pseudomonas aeruginosa* strains Bharani Thirunavukkarasu, Nirmala Purushothaman and **S. Valli** Medicinal Plants
- 4 **Jadheerhasan.KP Dr.S.Srividya**, Isolation and identification of methicillin resistant *Staphylococcus aureus* (MRSA) from cow dung, International advanced research journal in science, Engineering and technology, vol, 8, issue 9, September 2021.
- 5 **AbdulJaleel.R**, Jadheerhasan, Swagato Bhattacharjee, S.Mohanapriya, Isolation, Molecular Identification and Application of Exogenous Indole Acetic Acid (IAA) producing plant growth promoting Rhizobacteria (PGPR) from soil.

## **SCHOLARS ACHIEVEMENT (JANUARY – DECEMBER, 2021)**

1. A.Pushparani has participated in the national seminar on “Emergence and resurgence of COVID 19 from biological sciences perspectives” on March 19<sup>th</sup>, 2021 organized by Indian science congress association, Chennai chapter in association with PG and Research department of Biochemistry, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai 119.
2. A.Pushparani has participated in the webinar on “Antimicrobial surfaces and coating: Where bio meets nano” organized by the department of Microbiology, Tagore College of Arts and Science, Chennai - 44 held on May 20<sup>th</sup> 2020.

**SCHOLARS ACHIEVEMENT (JANUARY – DECEMBER-2021)**

<b>S. No.</b>	<b>Name of the Scholar</b>	<b>Seminar/Symposium/Conference National/International/State</b>	<b>Date</b>	<b>University/ College</b>
<b>1</b>	<b>V. Hamsavathani</b>	<b>One day National webinar on 'Physical activity for women wellbeing'</b>	<b>28.05.2021</b>	<b>Valliammal college for women</b>
		<b>Webinar on 'CRISPR-CAS Systems and its applications: A modern era tool in Molecular biology"</b>	<b>21-11-2020</b>	<b>DR. MGR Educational &amp; Research Institute</b>
		<b>One week online certificate course on Digital Teaching techniques</b>	<b>29.06.20 - 04.07.20</b>	<b>ICT academy</b>
		<b>Webinar Super Session on 'Change is the Essence of Life' by Skycampus Super session</b>	<b>25.05.20</b>	<b>ICT Academy</b>
		<b>International Webinar on 'Stem cell research on SARS CoV'</b>	<b>23.05.20</b>	<b>Vinayaka Mission's Kirupananda Variyar Engineering College</b>
		<b>Power talk - Webinar on "Work Life Balance with Work from Home as the new normal"</b>	<b>21.05.20</b>	<b>Anna Adharsh College for Women</b>

	National Webinar on 'Taking Research forward during the Pandemic'	20.05.20	LIFE, Loyola College, Chennai
	International Webinar series on 'Trends in Microbiology'	18.05.20 - 20.05.20	J.J college of arts & science, Pudukottai
	International Webinar on 'Transgenic plant production - Theoretical & Practical'	18.05.20	Vinayaka Mission's Kirupananda Variyar Engineering College approach
	Webinar series on "Exploring & Understanding the World Pandemics"	11.05.20 - 13.05.20	Ethiraj College for Women
	Webinar on SARS CoV 2 Facts & Diagnosis	09.05.20	Sree Balaji Dental College and Hospital
	Webinar on "How to diagnose novel corona virus (COVID 19)	04.05.20	Crescent Innovation

				<b>Incubation</b> <b>Council</b>
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