

Name : Dr. V. Shanmugaraju
Designation : Professor / Dean-Student Affairs
Department : Biotechnology
Qualification : M.Sc.M.Phil.PGDBI.,MBA.,PGCRDM.,Ph.D.,SET
Experience : Teaching : 18.8 years Research: 14 years
Area of Specialization : Bioprospecting
E.Mail (Official ID) : drshanmugaraju@drngpasc.ac.in , deansa@drngpasc.ac.in



Educational Qualifications

Degree	Subject	University	Year
Ph.D.	Biotechnology	Bharathiar University	2008-2012
M.Phil.	Biotechnology	Bharathidasan University	2003-2005
M.Sc.	Gene Technology	Bharathidasan University	2000-2002
B.Sc.	Microbiology	University of Madras	1997-2000

Qualified State Eligibility Test (SET 2011) for Lecturership

Additional Educational Qualifications

Degree	Subject	University	Year
MBA (Distance mode)	Management	Bharathiar University	2009-2011
PG Diploma	Clinical Research & Data Management	Bharathiar University	2010-2011
PG Diploma	Bioinformatics	Bharathiar University	2003-2004

Consultancy Fund Generated

Year	Nature of Consultancy	Organization	Duration	Amount(Rs)
2018-19	Project in Biology for IB diploma program	The Indian Public School	6 days	31,950.00
2017-18	Project in Biology for IB diploma program	The Indian Public School	6 days	37,050.00
2016-17	Training on Molecular methods	Staff Members,Vellalar College for Women	1 day	4,000.00
	Project in Biology for IB diploma program	The Indian Public School	6 days	43,250.00

2015-16	Part of Research work	Research Scholar, Queen Mary's College	1 week	4,000.00
	Training on Biochemical methods	Staff Members, Vellalar College for Women	1 day	5,000.00
	Research work	Srimad Andavan Arts and Science College-PG student	4 Months	6,500.00
	Sample analysis	Research Scholar, Govt. Arts college, Coimbatore	6 days	3,500.00
	Policy framing for quality publications	Darshan Publishers	1 Year	25,000.00
	Strategic planning for sterility maintenance of the plant	SKB Aqua Beverages	1 Year	50,000.00

Awards and Honors Received

1. Indian Academy of Science Summer Research Fellowship (INSA-SRF)
2. Fellowship from DBT, India for attending training program in CFTRI, Mysore
3. Best Faculty award (Bioscience) from Nehru Group of Institutions with the cash prize of Rs.10,000/-
4. In M.Sc. Secured University First Rank (Gold Medal)
5. In M.Phil. secured class of distinction
6. Best Reviewer award from Dharsan Publishers with the cash prize of Rs.50,000/-

Membership in Professional/Academic Bodies

Professional/Academic Body	From	To
Member-College Governing Council Dr.N.G.P.Arts and Science College	2018	Till date
Member-Academic Council Dr.N.G.P.Arts and Science College	2015	Till date
Member-Result Passing Board Dr.N.G.P.Arts and Science College	2015	Till date
Member-Standing Committee on Academic affairs Dr.N.G.P.Arts and Science College	2015	Till date
BoS-University Nominee Department of Biotechnology RVS College of Arts and Science	2020	Till date

IQAC-Member Dr.N.G.P.Arts and Science College	2016	Till date
BoS –Member Department of Biotechnology RVS College of Arts and Science	2018	2020
Bos –Member Department of Biotechnology Bharathiar University	2015	2018
BoS-Chairman Department of Biotechnology Dr.N.G.P.Arts and Science College	2015	2018
Biological Expert - Member Institutional Animal Ethical Committee KMCH College of Pharmacy	2013	2018

Publications

- Bivya P.G, **Shanmugaraju V**, Surayya Ik Mohammed (2018). Purification and characterization of fibrinolytic enzyme from staphylococcus hominis ngp2 associated from ulva lactuca. Volume 5, Issue 6:464-470
- Bivya P.G, **Shanmugaraju V**, Surayya Ik Mohammed (2018). Isolation of fibrinolytic protease from aeromonas caviae ngp3 associated with sargassum cinctum. Journal of Emerging Technologies and Innovative Research. Volume 5, Issue 7:469-476
- **Shanmugaraju V** and Chidambararajan P(2018). A review on decolorization of azo dye by microorganisms. Int.J.Compr.Res Biol. Sci.5(1):10-29
- **Shanmugaraju Veeramuthu**, Surayya Mohammed And Bivya Gopalan (2017). Isolation of proteinaceous α -amylase inhibitor from Bacillus pumilus NGP-1. Int J Pharm Bio Sci Volume 8 Issue 2, 2017:691-695
- Surayya Ik Mohammed, **Shanmugaraju Veeramuthu**, Anjali Aravind And Bivya P.G(2017). Bioprospecting of bacillus pumilus ngp-2 for the production Of proteinaceous α -amylase inhibitor. Int J Pharm Bio Sci Volume 8 Issue 3,:170-175.
- Kohila K, Abirami N, **Shanmuga Raju V**, Beena and Vinothini(2016).Enhanced antibacterial activity of silvernanoparticle from Asteracantha longifolia: Phytochemical screening and biosynthesis. J. Biosci. Nanosci., 3(3):45-50
- **Shanmugaraju V**, Bhakayaraj R. Antimicrobial potential activity of leaf extracts of Catharanthus roseus against human pathogens under laboratory conditions. (2016); Int. J. Curr. Res. Biol. Med. 1:35-51.
- Renga Ramanujam J, Kulothungan S, Senthil Prabhu S, Kumaran E,**Shanmugaraju V** and Arun P(2015). A study on synergism between Pseudomonas fluorescens and Parthenium hysterophorus as a biocontrol agent to Alternaria alternata (leaf spot) in Lycopersicon esculentum (Tomato).1(2):1-14
- Sivakumar T, Ravikumar M, Prakash M, **Shanmugaraju V** (2013). Production of extracellular invertase from Saccharomyces cerevisiae strain isolated from grapes. Int J Curr Res Acad Rev.1(2):72-83

- **Shanmugaraju V**, Arun P, Rengaramanujam J, Senthilprabhu S(2013). Isolation of bacteria from seacoasts and screening for its antibacterial substance production. *Int.J.Curr.Microbiol.App.Sci* (2013) 2(8): 347-358
- Arun, P., **Shanmugaraju, V.**, Ramanujam, J., Prabhu, S.S., & Kumaran, E. (2013). Biosynthesis of Silver Nanoparticles from *Corynebacterium* sp. and its antimicrobial activity. *Int.J.Curr.Microbiol.App.Sci* (2013) 2(3):57-64
- **Shanmugaraju V**, .Chidambararajan and Sivakumar(2012). Partial purification and characterization of Anti-MRSA Peptide from Marine *Pseudomonas aeruginosa*. *Int.J.Curr.Microbiol.App.Sci* 1(1):40-49
- **Shanmugaraju, V.**, Abirami, N., Mahalakshmi Priya, A.,(2011) Isolation and characterization of antibacterial protein from *Bacillus subtilis*. *Journal of Pharmacy Research* 2011,4(10),3646-3648
- Abirami, N. **Shanmugaraju, V.**..Mahalakshmi Priya A, Kohila(2011). Screening for medicinal potential of aqueous and ethanolic extracts of *Asteracantha longifolia* (Acanthaceae). *Journal of Pharmacy Research* 2011,4(5),1398-1400
- **Shanmugaraju, V.**, Abirami, N., Mahalakshmi Priya, A and .Revathy.(2011) Isolation and partial characterization of anti cancer protein from *Bacillus pumilus* against HepG2 cancer cell line. *Journal of Pharmacy Research* 2011,4(5),1533-1534
- Abirami, N. **Shanmugaraju, V.** Rajathi, K. & Priya, A.. (2009). Antibacterial potential and GC-MS analysis of aqueous and ethanolic extracts of *Asteracantha longifolia* and *Andrographis paniculata*. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*. 11. 577-581.
- Abirami, N., **Shanmugaraju, V.**, Mahalakshmi Priya, A., & Rajathi, K. (2009). In vitro hepatoprotective and antioxidant activities of the leaf ethanolic and aqueous extracts of *Asteracantha longifolia* and *Andrographis paniculata* against lead acetate induced toxicity. *Biosciences, Biotechnology Research Asia*, 6, 341-350
- **Shanmugaraju, V.**, Abirami, N., Mahalakshmi Priya, A., & Selvam, K. (2016). Antibacterial Protein (85kda) Produced by *Lysinibacillus Sphaericus* Against Methicillin Resistant *Staphylococcus Aureus*. *Biosciences, Biotechnology Research Asia*, 6, 147-154.
- Abirami N, **Shanmugaraju V**, Rajathi K. Effect of *Semecarpus anacardium* against lead induced toxicity in rats.(2007) *Anc Sci Life*.;27(2):24-7
- **Shanmugaraju V**, Rajan PC, Abirami N, Rajathi K. Antibio gram and GC analysis of *Euphorbia hirta* leaf extract. *Anc Sci Life*. 2007 Apr;26(4):1-3.

Chapter Published in Edited Book

- **V.Shanmugaraju** ., N.Abirami and A.Mahalakshmi Priya, Isolation and partial characterization antifungal protein from *Bacillus subtilis* ,DBT&ICMR sponsored International symposium on Harnessing microbes for human health and resource recuperation. ISBN No.978-1-4507-5165-0. 2012.Page No;285-295
- **Shanmugaraju V** (2015).Role of Biotechnology in Agriculture Development. ICSSR sponsored national seminar on Role of agribusiness in sustainable rural entrepreneurship development. ISBN: 978-81-920808-7-1

Invited Lectures /Expert Talk Delivered

Date	Event	Institution	Contribution
14.02.2019 - 15.02.2019	DBT Sponsored national workshop on Data Analytics and its applications in Biotechnology	Dr.N.G.P Arts and Science College, Coimbatore	Chair person
20.11.2019	Science Club inauguration	Dr.N.G.P.College of Education	Delivered inaugural address and talk on 21 st Century teachers
04.02.2019	Tamilnadu State Council for Science & Technology supported Creation of Scientific Awareness Programme	Hindusthan College of Arts and Science	Delivered lecture on Bioprospecting of Medicinal Plants
21.11.2019	DBT , GoI sponsored Short term training Course on Basic Techniques in PTC &ATC for mid career Scientists	Hindusthan College of Arts and Science	Lecture on Biosafety guidelines on safety measures &IPR
22.06.2107	Biotechnology club inauguration	Nandha Arts and Science College	Delivered lecture on Career opportunities in Biotechnology
22.08.2016	Biotechnology association inauguration	Hindusthan College of Arts and Science	Delivered lecture on Bioprospecting
13.07.2016	National level seminar on Recent innovations in Bioscience.	Dr.R.V. Arts and Science College	Chair Person
02.07.2015	One day faculty Orientation program, Department of Information Technology	Dr.N.G.P Institute of Technology	Delivered a talk on Funding opportunities in research
26.02.2015	Biotechnology department Special talk	R.V.S College of Arts and Science	Delivered a talk on Stem cell therapy- Initiatives &Challenges
09.01.2015- 13.01.2015	Citizenship training camp	Dr.N.G.P.College of Education	Resource Person to Forming pathway at Veterrinary hospital
14.03.2014- 15.03.2014	International seminar on Quality changes through research-experiences, expectations & enhancement	Dr.N.G.P.College of Education	Invited speaker
03.03.2014- 04.03.2014	DBT&DST,GoI sponsored National seminar on Recent advances in Biotechnology	Kanchi Shri Krishna College of Arts and Science	Invited lecture on Biosafety issues in Biotechnology
04.02.2014	Department of Biotechnology Student Seminar	Hindusthan College of Arts and Science	Talk on Bioethics & Biosafety

18.09.2013	UGC funded One day state level workshop on Advanced techniques in Biology	Vellalar College for Women	Training on PCR & Chromatography
22.07.2013	National symposium on Perception of microbes in human health & environment	Dr.N.G.P.Arts and Science College	Judge for paper presentation
20.02.2013- 21.02.2013	DBT,GoI sponsored National seminar on Emerging trends in Microbial Biotechnology	Kanchi Shri Krishna College of Arts and Science	Delivered a talk on Therapeutic applications of antimicrobial peptides & Chair Person
28.11.2012	Ministry of Environment & Forest sponsored national environmental awareness campaign	Kanchi Shri Krishna College of Arts and Science	Delivered keynote address on Biodiversity conservation
09.09.2009- 10.09.2009	ICMR& CSIR sponsored national symposium on Antimicrobial resistance and drug discovery	Dr.N.G.P.Arts and Science College	Invited Speaker
20.02.2009	Department of Zoology association inauguration	Government Arts College Coimbatore	Delivered talk on Animal cloning – Applications

Events/Conferences/Workshops Organized

Date	Event	Institute	Contribution
27.03.2018	One day workshop on Nanodeop operations	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
28.12.2017	National Conference on Bioprospecting Indian perspectives challenges & opportunities	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
25.03.2017	Student development Programme on Character development	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
21.12.2016	ICMR,DBT & KMCH sponsored National conference on bioprospecting Role in Healthcare development	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
27.09.2016	One day Hands on training Programme on immunology and molecular biology techniques	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary

31.08.2016	One day state level training Programme on Biochemical techniques - Practical approach	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
20.02.2016	Bioentrepreneur Meet on opportunities & Challenges in Bioentrepreneurship	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
28.12.2015	KMCH Sponsored two days national conference on Bioprospecting - Initiatives & Challenges.	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
23.09.2015	Student development Programme Recent Trends in Biological & Healthcare	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
14.03.2015	National Conference on Information & Communication Technology in Education - Perceptions & Professional practices	Dr.N.G.P College of Educations	Advisory Committee Member
10.09.2014	Student development Programme Recent Trends in Biological Science & Healthcare	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
29.12.2014 - 30.12.2014	SERB & KMCH Sponsored two days national level conference on Biotechnology present & Future for sustainable healthcare development	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
24.09.2014	Bioentrepreneur Meet on opportunities & Challenges in Bioentrepreneurship	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
26.08.2013 - 27.08.2013	Two days national conference on Biotechnology Present & Future	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
14.03.2014 - 15.03.2014	International conference on quality changes through Research Experiences Exportations & Enhancements	Dr.N.G.P. College of Education	Organizing Secretary
28.02.2014	Dr.Nalla G Palaniswami Endowment seminar on Innovation in Biotechnology	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Secretary
29.12.2011 - 30.12.2011	DRDO Sponsored National Conference on	Dr.N.G.P Arts and Science College, Coimbatore	Organizing committee member &

	perspectives of Biotechnology for healthcare development		Editor for abstract book publications
30.08.2010 - 01.09.2010	DRDO Sponsored National Conference on Recent trends in Biotechnology	Dr.N.G.P Arts and Science College, Coimbatore	Organizing Committee member & Editor for abstract book publications
18.12.2009- 19.12.2009	DRDO & ICMR sponsored national level conference on Advance trends in Biotechnology	Dr.N.G.P.Arts and Science College	Organizing committee member & Editor abstracts book publication
19.12.2008- 20.12.2008	DRDO & KMCH sponsored national level conference on Advance trends in Biotechnology	Dr.N.G.P. Arts and Science College	Organizing committee member & Editor abstracts book publication
02.02.2007- 03.02.2007	DRDO & KMCH sponsored national level conference on Advance trends in Biotechnology	Dr.N.G.P.Arts and Science College	Organizing committee member & Editor abstracts book publication
15.07.2002 - 19.07.2002	One week workshop on Advanced Techniques in molecular biology	J.J.College of Arts and Science	Organizing Committee Member

Refreshers Courses Completed

1. UGC sponsored Refresher course in Life Sciences organized by UGC-Human Resource Centre , Madurai Kamaraj University, Madurai from 09.12.2020 to 22.12.2020
2. UGC Sponsored Refresher course on Bioinformatics organized by Academic Staff College, Bharathiar University ,Coimbatore from 15.10-2004 to 04-11- 2004

Presentation in Conferences/Seminars

1. Oral Presentation in Student development Programme organized by Department of Biochemistry, Dr. N. G. P. Arts and Science College, Coimbatore on 6th October 2015.
2. Paper presented in National Conference on Advance Trends in Biotechnology “Biotechnology – A Conservationist of Biosciences” sponsored by DRDO and ICMR New Delhi organized by Department of Biotechnology, Dr. N. G. P. Arts and Science College, Coimbatore during 18th and 19th December 2009.
3. Paper presented on Isolation and characterization of antibacterial protein from B.subtilis, in National cancer congress: Genetics, Diagnosis and therapy sponsored by Indian Council of Medical Research, New Delhi. Organized by Department of Biochemistry and Clinical Laboratory Technology, Dr. N. G. P. Arts and Science College, Coimbatore during 20th and 21st August 2009.

4. Presented a paper on Bioprospecting in the International Seminar on “Inculcating Innovations”, organized by Department of Biochemistry, Dr. N. G. P. Arts and Science College, Coimbatore on 6th March 2009.
5. Presented a paper in Biosenate’09, One day National Level Conference on Biotechnology – Implications and Realities organized by Department of Biotechnology, Sri Krishna Arts and Science College, Coimbatore on 30th January 2009
6. AMP from B.subtilis, entitle paper presented in National Symposium on Modern Biological Sciences organized by Department of Biosciences and Research, SNMV College of Arts and Sciences, Coimbatore during 28th and 29th January 2009
7. Paper presented in the conference on “Molecular basis of human disease: diagnosis and treatment “Bio Zenith ’07, organized by Department of Biochemistry, Dr. N. G. P. Arts and Science College, Coimbatore during 27th and 28th February 2007.
8. Oral Presentation of paper in Micro feast 2003 “ The Golden Jubilee Year of DNA”, organized by PG and Research Department of Microbiology and Biotechnology, Sengunthar Arts and Science College, Tiruchengode during 19th and 20th December 2003.
9. Presented a paper on Pulse field gel electrophoresis DNA profiling a tool for discrimination of MRSA strains in National Seminar on “Advancement in Biosciences” organized by SNMV College of Arts and Science, Coimbatore during 3rd and 4th October 2003
10. Paper Presented in national seminar on “Jeopardized Environment and its Protection” organized by Department of Environmental Sciences, J. J. College of Arts and Science, Pudukkottai during 16th and 17th February 2001.

Participation in Conference/Seminars

1. University distinguished lecture series titled Art of Science in the time of Virus and beyond: The brave new world organized by SRM University-AP on 05th December,2020
2. International webinar entitled Current perspectives in Microbiology organized by Department of studies in Microbiology, University of Mysore on 09th November 2020.
3. 3rd National Conference on Biodiversity Conservation organized by, PG and Research Department of Biotechnology, Sree Narayana Guru College, Coimbatore – 105, 30th September 2015
4. National Seminar on “ Biodiversity Products and Industrial Application”(BPIA – 2015), organized by Center for Biodiversity and Forest Studies(CBFS), Periyar University, Salem – 11, 28th and 29th September 2015
5. International Symposium on “Public Health Emergency and Disaster Management”, organized by PG and Research Department of Biotechnology and Microbiology, Hindusthan College of Arts and Science, Coimbatore – 28. On 03.01.2015
6. Science Academies Lecture Workshop on “Interdisciplinary Approach of Research in Life Sciences”, organized by department of Zoology, PSGR Krishnammal College for Women, Coimbatore, 19th and 20th December 2014
7. VII Louis Pasture Memorial Symposium on Momentous Microbes From Menace to Marvel – PSMM 2014, Sponsored by Department of Biotechnology, Govt. of India, New Delhi, organized by Department of Microbiology, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 20th August 2014

8. UGC sponsored One day 's Symposium on "An Interface of Biology with Nanotechnology", organized by Department of Zoology, Nirmala College for Women(Autonomous), Coimbatore – 18, 8th October 2012
9. Louis Pasteur Memorial International Symposium on Harnessing Microbes for Human Health and Resource Recuperation – ISHM 2012, Sponsored by Indian Council of Medical Research, Department of Biotechnology, Govt. of India and Kovai Medical Center and Hospital, organized by Department of Microbiology, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 7th and 8th August 2012
10. National Level Conference on Emerging Trends in Herbal Research and cancer Therapy, organized by KMCH College of Pharmacy, Coimbatore – 48, 26th June 2012
11. Popular Lectures on " Current Trends in Biotechnology and Bioinformatics" sponsored by Department of Biotechnology, New Delhi organized by Research Department of Botany, Nirmala College for Women(Autonomous), Coimbatore – 18, 2nd March 2012
12. National Level Conference on "The Role of Informed Consent in Clinical Decisions and Research in Hospitals", organized by Department of Hospital Administration, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 26th August 2011
13. Biogalaxia'10, A National Level Seminar organized by Department of Microbial Biotechnology , School of Biotechnology and Genetic Engineering, Bharathiar University, Coimbatore – 46, 13th October 2010.
14. One day seminar on "Bioscience – A Sustainable Virtue" organized by Department of Microbiology, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 24th February 2009.
15. "New Trends in Bioinformatics", National level symposium in Bioinformatics – Motif '07, organized by Department of Bioinformatics, Bharathiar University, Coimbatore – 46, 28th September 2007.
16. BIOSUMMIT '06, National Seminar on "Advances in Biological Sciences" organized by Department of Biotechnology and Microbiology, Hindusthan College of Arts and Sciences, Coimbatore – 28, 8th August 2006
17. "Motif 05", One day National Symposium on Bioinformatics organized by Department of Bioinformatics, Bharathiar University, Coimbatore – 46, 6th October 2005.

Participation in Workshops

1. AICTE sponsored one week short term training Programme on Practical approaches for next generation sequencing technologies and data analysis towards healthcare organized Department of Biotechnology, KSR College of Technology on January 18-23,2021
2. Online 10 days workshop on Motivation & knowledge retention organized by Department of Education, Bharathiar University under RUSA2.0 from 12.10.2020 to 13.10.2020
3. One day Training on Bee Keeping organized by Department of Agricultural Entomology, TamilNadu Agricultural University, Coimbatore – 003, 21st September 2015
4. One day Introductory Training Programme on Mushroom Cultivation, organized by Mushroom Research and Training Center, Tamil Nadu Agricultural University, Coimbatore – 003, 12th September 2015
5. Two days National Level Hands on training on Molecular Modeling, Department of Pharmaceutical Chemistry organized by KMCH College of Pharmacy, Coimbatore – 48, 15th -16th September 2014.

6. Two days Hands – on Workshop on “Down Stream Processing and its applications” organized by, Department of biotechnology and Center for Bioscience and Nanoscience Research , Coimbatore, 15th – 16th February 2013
7. Training on “ Molecular Biology Techniques in Microbiology” organized by CSIR – Central Food Technological Research Institute, Mysore – 20, 16th November 2011 – 2nd December 2011
8. Training Programme on “Bioinformatics Tools, Molecular Modeling and Docking Software” organized by Department of Biotechnology, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 27th – 29th December 2010
9. CSIR Sponsored “Hands on Training in Herbal Drug Standardization using HPLC and HPTLC” organized by KMCH College of Pharmacy, Coimbatore – 48, 19th November 2010.
- 10 Two days Workshop on “Molecular Immunotechniques”, sponsored by MEDOX Biotech India Private Ltd organized by department of Biotechnology, Dr. N. G. P. Arts and Science College, Coimbatore – 48, 19th and 20th July 2006
- 11 National workshop on Generation and Purification of Polyclonal and Monoclonal Antibodies for the Diagnosis of Infectious Diseases organized by Department of Microbiology, PSG College of Arts and Science, Coimbatore – 14, 3rd and 4th October 2005.
- 12 Workshop on PCR Applications in Disease Diagnosis From 04-06-2004 to 06-06-2004 in Maritech Chennai
- 13 Workshop on Advanced Molecular Biology Techniques organized by School of Biological Sciences, J.J. College of Arts and Science, Pudukkottai – 404, 24th – 28th September 2001
- 14 Training in Plant Tissue Culture organized by Centre for Biodiversity and Biotechnology, Department of Botany, ST. Xavier’s College (Autonomous), Palayamkottai – 002, 7th – 11th June 1999.

Faculty Development Programme Attended

1. AICTE sponsored 12 day FDP on Outcome based education in management education organized by Saintgits Institute of Management, Kottayam from 16th to 28th November 2020
2. ATAL sponsored online FDP on Synthetic biology organized by Madurai Kamaraj University from 30th November to 04th December 2020.
3. ATAL sponsored online FDP on Technology Management organized by Dr.B.R.Ambedkar National Institute of Technology from 04th to 08th January 2021.
4. National conference on Emerging education models for 21st century learner organized by Association of Principals of colleges, Bharathiar University & UGC Human Resource Centre, Bharathiar University on 1st August 2015.
5. NAAC sponsored National seminar on People Management for quality enhancement in Higher education organized by Bharathiar University on 29th & 30th July 2013.
6. Six day FDP on Excellence in research organized by Avinashilingam School of Management Technology from February 11-16, 2013.
7. FDP on Statistical Analysis & Interpretation using SPSS&AMOS organized by School of Business, Karunya University on 21st & 22nd September 2012.

8. National conference on Issues in Higher education organized by Association of Principals of colleges, Bharathiar University & Academic Staff College Bharathiar University on 29th October,2010.
9. Faculty Development Program on ICT in Education organized by Dr.N.G.P Arts and Science College on 6th Feb.2009
10. Faculty Development Program on Evaluation Techniques organized by Dr.N.G.P Arts and Science College on 9th January,2009
11. Faculty Development Program on Quality Teaching organized by Dr.N.G.P Arts and Science College on 5th December,2008
12. One day workshop on Motivation, counseling,& commitment in teaching profession organized by Dr.N.G.P.College of Education on 10th June,2006
13. curriculum development &Evaluation techniques workshop organized by UGC Academic staff college & Kongunadu Arts and Science College sponsored by TANSHE during 22nd to 24th September,2005
14. One day seminar on Quality education organized by Kongunadu Arts and Science College held on 30th July 2005
15. FDP on Procedure for assessment & accreditation organized by Dr.N.G.P Arts and Science College held on 17th January 2005

Research Guidance / Examiner

Ph.D. : Completed -4, Pursuing-2

M.Phil. : Completed - 4, Pursuing -1

Served as Ph.D. Examiner for Bharathidasan University & Annamalai University

Doctoral Committee member – Bharathiar University & Annamalai University

Editorial /Review Board Membership

1. International Journal of advanced research in Biological sciences
2. International Journal of Engineering and Advanced Technology
3. International Journal of Advanced Multidisciplinary Research
4. International Journal of Current Research in Biology and Medicine

GeneBank Submissions

1. Shanmugaraju, V., Shasikala,K. and Abirami,N. Bacillus pumilus strain DrNGP 16S ribosomal RNA gene, partial sequence. GU057051
2. Shanmugaraju, V., Soumya Pillai,R. and Abirami,N. Lysinibacillus sphaericus isolate Drngp 16S ribosomal RNA gene, partial sequence EU855791
3. Shanmugaraju, V., Abirami,N. and Sulina,K. Pseudomonas sp. VSR 16S ribosomal RNA gene, partial sequence. GU057052
4. Shanmugaraju.V., Abirami.N and A.MahalakshmiPriya Bacillus subtilis 16S ribosomal RNA gene, partial sequence HQ 670762

5. Shanmugaraju.V., Abirami.N and A.Mahalakshmi Priya *Pseudomonas aureginosa* 16S ribosomal RNA gene, partial sequence HQ 670762
6. Surayya I.K.Mohammed, V.Shanmugaraju and Bivya P.G. *Klebsiella pneumonia* BTNGP2 16S rRNA partial sequence KY094646.1
7. Surayya I.K.Mohammed, V.Shanmugaraju and Bivya P.G. *Bacillus pumilus* BTNGP4 16S rRNA gene, partial sequence KY110406.1
8. Surayya I.K.Mohammed, V.Shanmugaraju and Bivya P.G. *Bacillus pumilus* BTNCP1 16S rRNA gene, partial sequence KY101156.1
9. Surayya I.K.Mohammed, V.Shanmugaraju and Bivya P.G. *Klebsiella quasipneumoniae* BTNGP2 16S rRNA gene, partial sequence KY101513.1
10. Bivya P.G, V.Shanmugaraju and Surya I.K.Mohammed. *Acienobacter calcoaceticus* NGP1 16S rRNA gene, partial sequence MH071381.1
11. Bivya P.G, V.Shanmugaraju and Surya I.K.Mohammed. *Staphylococcus hominis* NGP216S rRNA gene, partial sequence MH021846.1
12. Bivya P.G, V.Shanmugaraju and Surya I.K.Mohammed. *Aeromonas hydrophila* NGP4 16S rRNA gene, partial sequence MH021842.1
13. Bivya P.G, V.Shanmugaraju and Surya I.K.Mohammed. *Aeromonas caviae* NGP3 16S rRNA gene, partial sequence MH021841.1

Recognition at National Level Organization

Nature of Recognition	Organization / Institution	Year
Executive Committee Member	Tamilnadu Integrated Waste Management Association	2020 onwards

Grants /Funds Received

Agency	Purpose	Amount (Rs.)
UGC	Research Project	12,13,300.00
DST	Research Project	9,50,000.00
DBT	Conference	50,000.00
ICMR	Conference	40,000.00
SERB	Conference	30,000.00
TNSCST	Student Project	10,000.00
TNSCST	Student Project	7,500.00
KMCH	Conference	1,00,000.00
Poorani Hospital Supplies Pvt.Ltd	Conference	40,000.00
Medox Biotech India Pvt.Ltd	Conference	10,000.00
Abbes Biotech	Conference	5,000.00