

<b>Name:</b> <b>Ms M SUGANYA</b>	<b>Photo</b> 			
<b>Designation:</b>	Associate Professor			
<b>Qualification:</b>	M.Sc., M.Phil., (Ph.D.)			
<b>Area of specialization:</b>	Inorganic Chemistry			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	Nil		17yrs 2 months	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	50		48	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	-	1		3
<b>Books / Book Chapters</b>	6			
<b>Patents:</b>	<b>National</b>		<b>International</b>	
			2	
<b>Professional Body Membership</b>	IEEE, ISTE			
<b>Staff Achievements</b>	NPTEL Star			

## Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	General Chemistry	2004	A.V.C. College	Bharathidasan university	86%	Distinction
PG	M.Sc.	General Chemistry	2006	A.V.C. College	Bharathidasan university	78%	Distinction
	M.Phil.	Inorganic Chemistry	2009	Periyar University	Periyar University	67%	I
Ph.D.		Inorganic Chemistry			Bharathiyar university		Pursuing

## Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Yrs	Mths	Days
Bharath University	Lecturer	01.07.2007	15.05.2010	2	10	14
Prince Dr. K. Vasudevan college of Engg. & Tech.	Lecturer	16.06.2010	10.06.2011	-	11	25
Sri Sai Ram Engineering College	Assistant Professor	15.06.2011	31.08.2022	11	2	6
	Associate Professor	01.09.2022	Till date	3	2	-
Total				<b>17</b>	<b>2</b>	<b>15</b>

Workshops/Seminars attended:

1. UGC Sponsored National Seminar on "Recent Developments In Green Chemistry", at Sri Ramakrishna Mission Vidyalaya College of Arts and Science on 22-23, July 2009.
2. National Seminar on "Recent Trends in Laser Spectroscopy and its Applications" (RTILSA -13)" on 17th Oct -2013 at Sri Sairam Engineering College.
3. National Seminar on "Environmental Issues & Sustainable development" 11th & 12<sup>th</sup> Nov - 2013, Sri Sairam Engineering College.
4. Webinar on "R&D Proposal Writing", Sri Sairam engineering college, 12/06/2020
5. Webinar on, "Intellectual Property Rights (IPR) and Patent Practices in India-Innovation & Research into Patents", Sri Sairam Institute of Technology, 11/05/2020

6. Webinar on, Sky campus Digital Knowledge Series - Season 7, ICT ACADEMY, 25 - 29 May 2020
7. Webinar on "Effective Virtual Classroom Teaching for Teachers", Sri Sai ram Engineering College, 19.06.2020
8. National Webinar on "Green Materials for Environmental Sustainability", 12.06.2020, St. Joseph's College of Engineering, Chennai-119.
9. National level webinar on, "Watershed Prioritisation", 30.05.2020, School of Arts and Science, AV campus, Chennai -104.
10. Virtual International Webinar on "Smart topics in Chemistry", June 1<sup>st</sup> & 2<sup>ND</sup> 2020, Government Arts College, Trichy.
11. International Webinar on "Nano-The Tiny Warrior- Engineering Nanomedicine and Drug Delivery system", Kongu Engineering College, 30.05.2020
12. National webinar on "Effective of Nano materials in SuperCapacitors", 29.05.2020, Pioneer Kumaraswamy College.
13. Webinar on, "Application of Natural Dyes", Erode Sengunthar Engineering college, 11.05.2020
14. National live Webinar on "Molecular Docking in Rational Drug Design" organized by Department of Chemistry, on 27/05/2020, Annai college of arts and science, IQAC and department of chemistry
15. National level Webinar on, " Principle and Applications of Electronic Spectroscopy", Annai college of arts and science, Kumbakonam on 07/05/2020
16. C Abdul Hakeem College, (Autonomous), Ranipet, conducted Webinar on, "MSNPs for cancer therapy", 18<sup>th</sup> march
17. V O Chidambaram College, Thoothukudi, conducted webinar on "History of Nuclear Fission", 25/05/2020
18. Saveetha Engineering College conducted webinar on "Electroanalytical Techniques for Water Splitting: Dos and Don'ts", 27/05/2020
19. Webinar on "Energy, Water and Resources Savings: How to go about sustainability?" Organized by Stella Maris College (Autonomous) Chennai on 23.05.2020.
20. Annai college of arts and science, IQAC and department of chemistry, International webinar on "Secrets of lateral flow immunoassay analysis (rapid test kit) for Coronavirus detection: role of TPNT to fight against COVID -19", 21/05/2020
21. National Webinar on "Computational Chemistry on Biofuel Development" (CCBD-2020) Organized by Department of Science, St. Joseph's College of Engineering, OMR, Chennai - 600 119, 16/07/2020
22. Webinar on "Co-Po attainment Computations & outcomes" - Inpods - 01/06/2020
23. Webinar on "NAAC Accreditation Management System demo" - Inpods - 02/06/2020
24. "National Webinar on "Preparation of Nanomaterials for Energy and Environmental Applications"" on 06/10/2020 conducted by Nehru Institute of Engineering and Technology
25. National Webinar on "Trends in Nanotechnology" on 20/10 Conducted by Dr B C Roy Engineering College, Durgapur

26. National Webinar on "Recent Trends in Modern Chemistry " on 28/11 Conducted by Sri Padmavati Mahila visvavidyalayam, Women's university.Tirupati.
27. Intellectual Property Rights (IPR) Cell in association with MHRD-institution's Innovation Council (SEC-IIC) & Department of Chemistry, Sri Sairam Engineering College has conducted webinar on "Identifying Intellectual Property Components at the Early Stage of Innovation" on 17<sup>th</sup> Dec 2020.
28. International Webinar on "Renewable Energy Sources" conducted by the Department of Chemistry, SRM Valliammai Engineering College, Chennai on 18/12/2020.
29. One day National Webinar on "Energy Materials & Devices" conducted by the Department of Physics & Chemistry on 16/01/2021 at Sona College of Arts and Science, Salem – 636005.
30. International virtual seminar on "Advances in Chemical Sciences – ACS 21" organized by PG & Research Department of Chemistry, Vivekanandha college of Arts and Sciences for women (Autonomous), Elayampalayam. 637205. Tiruchengode. On 8/03/2021
31. Association of Chemistry Teachers(ACT), Mumbai organized, An International Webinar on 'Sustainable Chemistry', IWSC – 2021 ,18th March 2021
32. NAAC sponsored Two day National Seminar on "Enhancing Quality Teaching Strategies through Outcome Based Education" held during 02.03.2021 & 03.03.2021 organized by Department of EEE & Internal Quality Assurance Cell (IQAC), Kongu Engineering College, Erode.
33. National Webinar on "Emerging Applications of Radiation in Nanotechnology" on 26/02/2021 Conducted by Dr B C Roy Engineering College, Durgapur
34. Webinar on "NAAC Accreditation Management System demo" - Inpods – 25/02/2021
35. Sri Sairam Engineering College conducted "Webinar on Intellectual Property Rights with focus on Patents in Mathematics" on 3<sup>rd</sup> Feb 2021.
36. Webinar on "Biodiversity and its Overview" conducted by the Department of Chemistry, SRM Valliammai Engineering College, Chennai on 02/04/2021.
37. Webinar on "Outcome Based Teaching Learning Process in Technical Education" conducted by NITTTR on 06 May, 2021.
38. National level webinar on "Understanding of Program Outcome, Program Specific Outcome and Course Outcome", 09th June 2021 conducted by S. T. Co-Op. Education Society's Ltd. Science, Senior College, Shahada, Dist.- Nandurbar.
39. Webinar on "PRINCIPLES OF FOOD SAFETY FOR A HEALTHY TOMORROW" organized by Paavai Engineering College on 07.06.2021.
40. Three Days National Webinar Series on "Modern Trends in Environment", organized by Annai Vailankanni College of Engineering, Kanyakumari, from 16<sup>th</sup> to 18<sup>th</sup> June 2021.
41. Two Days National Level Seminar on "REVISED ACCREDITATION FRAMEWORK FOR QUALITY ENHANCEMENT IN HIGHER EDUCATIONAL INSTITUTES", organized by IQAC of Sri Sairam Engineering College, on 14<sup>th</sup> & 15<sup>th</sup> July 2021.
42. National Webinar on "Recent Advances in Chemistry". Organized by the Department of chemistry & IQAC, Govt. G.N.A PG College, Bhatapara, on 26.07.2021.

43. Webinar on, "CHALLENGES AND OPPORTUNITIES IN URBAN SANITATION", organized by Sri Sairam Engineering College, on 6<sup>th</sup> Aug 2021.
44. International Webinar on Chemistry Education(IWCE – 2021) on 4<sup>th</sup> & 5<sup>th</sup> Feb 2022, organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur.
45. International webinar on empowering diversity in science – 16 Feb 2022 – Kamala Nehru mahavidyalaya, Association of chemistry teachers, Kalasaligam academy of research and education.
46. NEP 2020 Implementation using change management. 21.04.22 – Sri sairam Engineering college.
47. Environmental pollution - SRM Valliammai Engineering College, 20.04.2022
48. Awareness meet on material science with ion accelerator – 19 July 2022 – UGC-DAE CONSORTIUM FOR SCIENTIFIC RESEARCH, KALPAKKAM .
49. Webinar on “Optical Properties of Materials” , held on 23-05-23 organized by Saveetha Engineering College, Chennai.
50. TECHNICAL Workshop for NPTELSTARS IN IIT MADRAS ON - JULY 6TH 2025

FDP/STTP Attended:

1. “In – House Refresher Program and Practical Demonstrations on Innovative Teaching Technique in Biosciences “ conducted by Department of Biomedical Engineering, Bharath University on 19 & 20, Jan 2010.
2. National Level FDP on “Role of Academic Excellence in Developing World Class Higher Learning Institutions and Faculties”, Sri Sairam Engineering College, 12, Dec 2012.
3. Staff Development Programme on “Characterization of Materials” by Department of Physics Sri Sairam Institute of Technology, Chennai held on 20th & 21st July 2017.
4. FDP on “Emotional Intelligence” by ICT Academy on 10.6.2019 & 11.6.2019 at KCS Kasi Nadar College of Arts & Science, Chennai.
5. FDP on “Renewable Energy Systems” at Sri Sairam Engineering College from 22.07.19 to 26.07.19.
6. FDP on “Recent Innovations In Electrical, Electronics, Instrumentation, Automation & Teaching Pedagogy”, Sri Sairam Engineering College, 18TH TO 30TH MAY 2020
7. FDP on “Futuristic Perspectives of Nanochemistry in Biomedical applications and Electrochemical Energy storage devices”, R M D Engineering College, 11th & 12th may 2020
8. FDP On “Recent Trends In Material Frontiers”, St Joseph's College Of Engineering, Chennai, 29<sup>th</sup> & 30<sup>th</sup> May
9. FDP on “Managing Online Classes and Co-Creating MOOCS”, Teaching learning centre Ramanujan college, University of Delhi, April 20 – May 06, 2020
10. "EDUCATION 4.0 The Future Ahead", SRI SAIRAM COLLEGE OF ENGINEERING, 10-14 August 2020

11. International Virtual FDP on Recent Trends on Current Science and Technology, Easwari Engineering College, Ramapuram, 24th to 28th August 2020.
12. ATAL Online FDP on "Novel Materials", Govt. College of Engineering, Thanjavur, 17.08.2020 to 21.08.2020.
13. WASTE TECHNOLOGY, ATAL FDP, Manipal University Jaipur, India, 02-06 NOV.
14. Finite Element Methods for Engineering Applications, STTP, SRI SAIRAM ENGINEERING COLLEGE, 07 - 12 SEP.
15. Applications of Advanced Materials and Technologies in Chemical Science, Easwari Engineering College, Ramapuram, 31 AUG - 4 SEP
16. Human Values, Ethics, Morals, Behavioral Science and Attitude, STTP, AICTE Sponsored at KIIT College of Engineering, Gurugram, 10 - 15 SEP
17. Frontiers in Chemistry, St. Joseph's College of Engineering, OMR, Chennai - 600 119, 16 - 18 SEP
18. IGEN GREEN 9 SDG CONCLAVE 2020, The Institution Green Engineers - Energy Efficiency Research Group Green9, 2 & 3 OCT
19. FDP on "Technical Advances in Novel Materials" by Physics Research Centre and Humanities and Sciences Department, St.Xavier's Catholic College of Engineering, Chunkankadai from 05-10-2020 to 10-10-2020
20. "ONLINE FACULTY DEVELOPMENT PROGRAMME ON ASTROPHYSICS" under DBT Star College Scheme organized by PG and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020 during the period 11.11.2020 to 12.11.2020
21. One week AICTE sponsored STTP on Dynamic Transformation on Innovative Teaching: Pedagogy" held from 23/11/2020 to 28/11/2020, organized by the Department of Business Management, Vaagadevi College of Engineering, Hyderabad.
22. AICTE Training and Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering" from 2020-12-8 to 2020-12-12 at National Institute of Technology Raipur.
23. AICTE Training and Learning (ATAL) Academy Online FDP on " Blended Learning and Flipped Classroom " from 2021-01-18 to 2021-01-22 at VIT.
24. AICTE - RGPV Teachers Training Program on "Artificial Intelligence in Pharmaceuticals: Contemporary Status & Impending Prospects" organized at Chameli Devi Institute of Pharmacy, Indore, 15-20 Feb, 2021.
25. National Level One week FDP on "Research Methodology", organized by Amar Sewa Mandal's Kamla Nehru Mahavidyalaya, Nagpur, from 26<sup>th</sup> April to 1<sup>st</sup> May 2021.
26. National Level One week FDP on "ICT Tools for Effective Teaching Learning", organized by Kamla Nehru Mahavidyalaya, Nagpur, from 8<sup>th</sup> to 10<sup>th</sup> June 2021.
27. Five days FDP on "Development of Quality Improvement Process - Optimizing Faculty Success", organized by Nehru Institute of Engineering and Technology, Coimbatore, 19-07-21 to 23-07-21.
28. National Level **Faculty Development Program (FDP)** On OUTCOMES-BASED TEACHING, ASSESSMENTS And EVALUATION organized by **Inpods India Private Limited** on **September 17, 2021.**

29. FDP on “Advanced Concepts of Outcome Based Education”, organized by **Inpods India Private Limited** on **6<sup>th</sup> Oct, 2021**.
30. NPTEL AICTE FDP on “Enhancing Soft Skills and Personality”.
31. ATAL Online FDP on "Emerging Trends in Characterisation Techniques for Applied Polymer Research", CIPET, 13.09.2021 to 17.09.2021.
32. IP awareness and training programme- NIPAM-FEB 23, 2022 -Sri sairam engineering college.
33. Advanced concepts of outcomes -based education – April 4- 8, 2022 – Inpods ed-tech
34. Research methodology – Amar Sewa Mandal's Kamala Nehru Mahavidyalaya. May 2 to May 7 2022.
35. 5-day Face-to-Face UHV II FDP organized by AICTE at Sri Sairam Engineering College, Autonomous, from 26th July to 30th July, 2022.
36. Attended 5 Days Faculty Development programme on “Current scenario in Advanced Material Research and Nanotechnology” organized by Department of Physics & IQAC, Rajus' College, Rajapalayam held from 14.11.22 to 18.11.22.
37. IP awareness and training programme- NIPAM- FEB 23, 2022 - Sri sairam engineering college.
38. Attended 5 Days Faculty Development programme on “Computational Modelling of Materials” organized by Madanapalle Institute of Technology and Science, 8/05 - 12/05/23
39. FDP on “Spectroscopic and Chromatographic Techniques”, organized by SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE, 24/04 - 28/04/23
40. NPTEL AICTE FDP on “Accreditation and Outcome Based Learning”
41. NPTEL AICTE FDP on “Food Packaging Technology”
42. Latest Trend in Additive Manufacturing - Dr. MGR Educational and Research Institute-03.06.24 - 07.06.24
43. Nanotechnology and its Applications - SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA, INDORE (ACT) - 24/4/24 to 26/4/24
44. Advanced Research Methodology for Social Science Research - sri sairam engg college, MBA dept 27.5.24 - 1.6.24
45. Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems -12 WEEKS-NPTEL- April 2024.
46. Polymers: Concepts, Properties, Uses and Sustainability.-12 WEEKS-NPTEL- Nov 2025
47. Nanotechnology in chemical engineering - 8 WEEKS-NPTEL- Nov 2025
48. AICTE Training And Learning (ATAL) Academy Faculty Development Program on From Goals to Outcomes: Designing Education for Measurable SDG Impact at Teerthanker Mahaveer University from 06/10/2025 to 11/10/2025.

Conference Attended:

1. National conference on “Emerging trends in communicative English and Applied sciences”, Bharath University, 14/03/2008
2. National conference on “Nutraceuticals – Current Scenario” Bharath University, 25, Mar 2010
3. National Conference on “Green Processes and Nano materials ” on 8&9, Jan 2014 at Hindustan University
4. National Conference on “Current Trends in Energy Conversion Devices & Environment”, [NCCTECE – 2019], Selvam Arts and Science College, Namakkal, on 22 & 23, Feb 2019
5. Presented a paper at “National Conference on Chemistry & Materials”, [NCCM – 2019], Saveetha Engineering College on 22, Mar 2019.
6. INTERNATIONAL VIRTUAL CONFERENCE on "Advanced Materials for Sustainable Development" (ICAMSD- 2020) ,presented a paper entitled, “Synthesis, Spectral, Electrochemical and Biological Characterisation of Copper, Nickel and Cobalt Schiff base complexes” , Department of Chemistry, Bannari Amman Institute of Technology, Sathyamangalam , August 07-08, 2020
7. International Web Conference on “Recent Trends in Scientific Research”, Dr. Ambedkar Government Arts College, Chennai, and Tamilnadu state council for science and Technology , Government of India, 03 & 04 Aug 2020.
8. “A One Day International Conference on Recent Trends in Materials Science” organized Online through ZOOM Platform by PG and Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020 on 10-11-2020
9. A Virtual, organized by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020, Tamil Nadu, India, on 12 November 2020.
10. International conference on Advanced Materials on Energy and Environmental Applications (ICAMEEA 2020), organized by the Department of chemistry, School of Science and Humanities, BIST, BIHER, sponsored by TNSCST & in association with INHA University, South Korea & RSC South Indian Chapter during 3-4 Dec 2020.
11. International e-conference on Advances in Science and Technology for betterment of Health, Environment and Energy, organized by the Department of chemistry, GITAM School of Science, Bengaluru during 1-3 Dec 2020.
12. “International conference on Nanoscience and Nanotechnology” (ICANN 2021), organized by the Department of chemistry, School of Science and Humanities, BIST, BIHER, sponsored by TNSCST, held on 5-6 Feb 2021.
13. International conference on materials, Computing and Communication Technologies, organized by Annai Vailankanni College of Engineering, K K Dist, presented a paper entitled, “Studies on variable biological Applications of Schiff Base Complexes” held on 20.06.2022.
14. National Conference on “Chemical Sciences For Futuristic Advancement” organized by the Department of chemistry, Easwari Engineering College, on 01.09.2022 & 02.09.2022.
15. Presented a paper in National conference NCEA-2023 in SRM VEC titled “Synthesis, Spectral Analysis and Antibacterial studies of Copper and Nickel complex” on 17.06.23.
16. Presented a paper in International conference “SYNTHESIS, CHARACTERIZATION AND ANTI BACTERIAL STUDIES OF NOVEL ISONIAZID SCHIFF BASE LIGAND” - Peri institute of technology on 16th July 2025

Completed / Ongoing Projects: NIL

Patent:

1. Publication Number : **202221063896** Topic : Spinel Structured Nanoparticles for water oxidation and oxygen reduction reactions, Publication Date : **18.11.2022.**
2. Publication Number : **202341080454 A** Topic : DECENTRALIZED CLEAN HYDROGEN PRODUCTION THROUGH ADVANCED PLASTIC WASTE DECOMPOSITION, Publication Date : 22/12/2023

Journal Publications:

1. M Suganya , G Puthilibai, **Studies on Variable Biological Applications of Schiff Base Complexes / Int. J. Sci. Res. Mech. Mater. Eng, May-June-2022, 6 (3) : 116-122**
2. M Suganya , G Puthilibai, **A Review Of Biological Applications Of Isoniazid Derived Schiff Base Complexes ,Journal of Pharmaceutical Negative Results | Volume 13 | Special Issue 07 | 2022**
3. M Suganya , G Puthilibai, **Synthesis, Spectral Characterization, Antibacterial and Anticancer Evaluation of Novel Isoniazid based Schiff Base Ligand derived Transition Metal Complexes, Asian Journal of Chemistry; Vol. 36, No. 3 (2024), 579-585**
4. M Suganya , G Puthilibai, **Synthesis, Spectral Characterization and Anticancer activities of Isoniazid based Schiff Base, African Journal of Biological Sciences; Volume 6, Issue 8, 2024, 2505 - 2514**

Books / Book Chapters:

1. Study Of Physico-Chemical Parameters Of Water By Different Analytical Methods- M Suganya, S Anitha, and P Suganthi in CHALLENGES AND OPPORTUNITIES IN NEW GLOBAL BUSINESS, SCIENCE AND TECHNOLOGY. ISBN: 978-81-958752-6-9
2. Green Approach Of Nanoparticle Synthesis – An Overview- -S. Anitha, and M. Suganya in CHALLENGES AND OPPORTUNITIES IN NEW GLOBAL BUSINESS, SCIENCE AND TECHNOLOGY. ISBN: 978-81-958752-6-9
3. A Review of Biological Applications of Isoniazid Derived Schiff Base Complexes - M Suganya and G Puthilibai, "Cutting Edge Technologies in Health and Allied Sciences". ISBN: 978-93-95196-81-9
4. Internet of things based(IoT) system and method of farm management for modern agriculture- M Suganya and G Puthilibai, "Innovation for sustainable development". ISBN 978-93-95196-79-6
5. PLANT MEDIATED GREEN SYTHESISED SILVER NANOPARTICLE - A PROMISING TOOL FOR THERAPATIC APPLICATION- S. Anitha, M. Suganya and T.Amirthvarshini - ISBN: 978-81-968844-8-2- universal research academy.

6.A REVIEW OF BIOLOGICAL & DNA BINDING STUDIES OF SCHIFF BASE COMPLEXES - M. Suganya, G. Puthilibai, S. Anitha, and T. Amirthvarshini - ISBN: 978-81-968844-8-2- universal research academy.

Awards:

Online Courses:

- Completed NPTEL course on title "Ecology and Environments"
- Completed NPTEL course on title "Body Language: Key to Professional Success"
- Completed COURSERA course on title "Advanced Writing", 20.05.2020
- Completed COURSERA course on title "Introduction to solar cells", 28.05.2020
- Completed course on title "Introduction to Data Analytics", Simpli learn, 09.04.2020
- Completed COURSERA course on title "Air Pollution – a Global Threat to our Health", 19.05.2020
- Completed COURSERA course on title "Introduction to Google Docs", 28.05.2020
- Completed Online course in "Evolution of Modern Periodic Table", Sri Krishna College of Engineering and Technology, Coimbatore, 01/05 & 02/05
- Completed COURSERA course on title "Beyond the Sustainable Development Goals", 30.06.2020
- Completed course on title "Virtual organic chemistry Lecture series", Sathyabama Institute of Science & Technology, 22.06.2020 -27.06.2020
- Completed COURSERA course on title "Introduction to Molecular Spectroscopy", 17.07.2020
- Completed COURSERA course on title "The Sustainable Development Goals – A global, transdisciplinary vision for the future", 26.06.2020
- Completed COURSERA course on title "Introduction to Python", 16.06.2020
- Completed course on title "Data Science and Master Class with r! 4 Projects & 8 Case Studies", Udemy, Nov 2019
- Completed COURSERA course on title "Spreadsheets for Beginners using Google Sheets", 02.06.2020
- Completed COURSERA course on title "Introduction to Sustainability", 28.07.2020
- Completed COURSERA course on title "Practical Introduction to the Command Line", 16.06.2020
- Completed COURSERA course on title "Create Your First Python Program", 25.05.2020
- Transformation of the global food system, Coursera, Nov 4
- Science of Exercise, Coursera, Oct 27

- Diabetes - The Essential facts, Coursera, Oct 28
- Covid - 19 Contact Tracing, Coursera, Sep 28
- National Level Refresher Course on Selective Topics in Organic Chemistry, Sathyabama Institute of Science and Technology, Chennai, 05 - 19 OCT
- Macronutrients and Overnutrition, EDX, Oct 28
- The Teacher's Social & Emotional Learning, Coursera, Sep 24
- Completed NPTEL course on title "Thermal Processing of Foods"
- AICTE-ISTE approved Refresher Programme on "Refresher Course in Chemistry" held during 08/03/2021 to 13/03/2021 organized by A.V.C College of Engineering, Mannampandal, Mayiladuthurai.
- Completed NPTEL course on title "Enhancing Soft Skills and Personality "
- Completed NITTTR Module 4 - Instructional Planning and Delivery, Oct 2021.
- Completed NITTTR – Module 3-Communication Skills, Modes and Knowledge Dissemination, July 2022.
- Completed NITTTR – Module 1, Orientation Towards Technical Education and Curriculum Aspects, July 2022.
- Completed NITTTR – Module 5, Technology enabled learning and life- long self learning, July 2022.
  - Completed NITTTR – Module 2, Professional Ethics and Sustainability
  - Completed NITTTR – Module 6, Student Assessment and Evaluation
  - Completed NITTTR – Module 8, Institutional Management and Administrative Procedures
- Completed Online course in NPTEL titled Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts
- Completed NITTTR – Module 7, Creative Problem Solving, Innovation and Meaningful R & D
- Completed Online course in NPTEL titled Accreditation and Outcome Based Learning with Elite Silver
- Completed Online course in NPTEL titled Food Packaging Technology with Elite.
- Completed Online course in NPTEL titled Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems.
- Completed Online course in NPTEL titled Physics of renewable energy system - 12 weeks OCTOBER 2024.
- Completed Online course in NPTEL titled Polymers: Concepts, Properties, Uses and Sustainability.-12 WEEKS-NPTEL- Nov 2025
- Completed Online course in NPTEL titled Nanotechnology in chemical engineering - 8 WEEKS-NPTEL- Nov 2025
- Completed Online course titled Social Emotional Education: Knowledge to Practice (SEEK) conducted

by UNESCO MGIEP MAHATMA GANDHI INSTITUTE OF EDUCATION FOR PEACE AND SUSTAINABLE DEVELOPMENT - November 2025.