

Biodata

Name : Dr. Solomon P. A.
Designation : Principal
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Academic Credentials

- **B.Tech** in Chemical Engineering, Government Engineering College, Thrissur (1996) – secured University First Rank.
- **M.Tech** in Chemical Engineering, IIT Madras (2003).
- **Ph.D.** in Chemical Engineering, Anna University, Chennai (2011).

Professional Experience

- **Industry:** 10 years at FACT Ltd., Udyogamandal, in chemical plant operations.
- **Teaching:** 25 years in various Government Engineering Colleges, Kerala.
- **Administration:** 2 years as **Joint Director of Technical Education**, Government of Kerala and 1 year as **Principal** at Government Engineering College, Thrissur.

Positions Held

- **Head of Department**, Chemical Engineering, GEC Thrissur (2014–2016).
- **Dean (Research) & QIP Coordinator**, GEC Thrissur (2016–2018).
- **Institute NBA Accreditation Coordinator**, GEC Thrissur (4 years).
- **Joint Director of Technical Education**, Regional Directorate, Kothamangalam (2023–2025).
- **Principal** at Government Engineering College, Thrissur (2025–2026).

Research Contributions

- **Ph.D. Guidance:** 4 scholars successfully completed.
- **Publications:** 40 in International Journals, 19 in International Conferences, 8 in National Conferences.
- **Expert Lectures Delivered:** 37.
- **Research Metrics:** H-index – 12; i10-index – 14.

Areas of Interest

- Environmental Engineering.
- Computer-Aided Process Simulation, Integration & Optimization.
- Spreadsheet Computing and Data Analysis.
- Statistical Data Analysis.

International Journal Publications: Soloman P. A., Principal, Government Engg. College, Thrissur

Sl. No.	International Journal Publication
1	R. Saravanathamizhan, Soloman P. A. , N. Balasubramanian C. Ahmed Basha, Optimization of In-situ Electro-oxidation of Formaldehyde by the Response Surface Method, Chemical and Biochemical Engineering Quarterly, 2008, Vol. 22 (2), Pages: 213- 220, ISSN / eISSN:0352-9568 / 1846-5153, Impact factor: 0.247, Science Citation Index Expanded
2	C. Ahmed Basha, Soloman P. A. , M. Velan, N. Balasubramanian, L. Roohil Kareem, Participation of Electrochemical Steps in Treating Tannery Wastewater, Industrial & Engineering Chemistry Research, 2009, Vol. 48, Pages: 9786- 9796, ISSN / eISSN:0888-5885 / 1520-5045, Impact factor: 2, Science Citation Index Expanded
3	Soloman P. A. , C. Ahmed Basha, M. Velan, V. Ramamurthi, K. Koteeswaran, N. Balasubramanian, Electrochemical Degradation of Remazol Black B Dye effluent, Clean-Soil, Air, Water, 2009, Vol. 37 (11), Pages: 889- 900, ISSN / eISSN:1863-0650 / 1863-0669, Impact factor: 1.412, Science Citation Index Expanded
4	Soloman P. A. , C. Ahmed Basha, M. Velan, N. Balasubramanian, Electrochemical degradation of pulp and paper industry waste-water, Journal of Chemical Technology & Biotechnology, 2009, Vol. 84, Pages: 1303- 1313, ISSN / eISSN:0268-2575 / 1097-4660, Impact factor: 2, Science Citation Index Expanded
5	Soloman P. A. , C. Ahmed Basha, M. Velan, N. Balasubramanian, P. Marimuthu, Augmentation of biodegradability of pulp and paper industry wastewater by electrochemical pre-treatment and optimization by RSM, Separation and Purification Technology, 2009, Vol. 69, Pages: 109- 117, ISSN / eISSN: 1383-5866 / 1873-3794, Impact factor: 3, Science Citation Index Expanded
6	C. Ahmed Basha, Soloman P. A. , M. Velan, Lima Rose Miranda, N. Balasubramanian, R. Siva, Electrochemical degradation of specialty chemical industry effluent, Journal of Hazardous Materials, 2010, Vol. 176, Pages: 154–164, ISSN / eISSN:0304-3894 / 1873-3336, Impact factor: 0.436, Science Citation Index Expanded
7	Soloman P. A. , C. Ahmed Basha, M. Velan, N. Balasubramanian, Electro oxidation of Malachite Green and Modeling using ANN, Chemical and Biochemical Engineering Quarterly, 2010, Vol. 24 (4), Pages: 445–452, ISSN / eISSN:0352-9568 / 1846-5153, Impact factor: 0.483, Science Citation Index Expanded
8	Soloman P. A. , Balasubramanian N., Optimization of Integrated Electro- Bio process for bleaching effluent treatment, Industrial & Engineering Chemistry Research, 2012, Vol. 51, Pages: 8211–8221, ISSN / eISSN:0888-5885 / 1520-5045, Impact factor: 2.587, Science Citation Index Expanded
9	P. A. Fasnabi, G. Madhu, Soloman P. A. , Removal of Acetamiprid from wastewater by Fenton and Photo-Fenton processes –optimization by Response Surface Methodology and kinetic study, Clean- Soil, Air, Water, 2016, Vol. 44(6), Pages: 1-10, ISSN / eISSN:1863-0650 / 1863-0669, Impact factor: 1.6, Science Citation Index Expanded
10	Anju Sunny, Soloman P. A. , K. Aparna, Syngas production from regasified liquefied natural gas and its simulation using Aspen HYSYS, Journal of Natural Gas Science and Engineering, 2016, Vol. 30, Pages: 176-181, ISSN / eISSN:1875-5100 / 2212-3865, Impact factor: 1.473, Science Citation Index Expanded

11	P. A. Fasnabi, G. Madhu, Soloman P. A. , Optimization of Advanced Oxidation Processes for the removal of acetamiprid from wastewater, Environmental Engineering and Management Journal, 2019, Vol. 18 (1), Pages: 225-233, ISSN / eISSN:1582-9596 / 1843-3707, Impact factor: 1.186, Science Citation Index Expanded
12	Divya A. H., Soloman P. A. , Prediction of water quality index of an Indian river using arithmetic index model and regression model, Environmental Engineering and Management Journal, 2019, Vol. 18(9), Pages: 2035-2044, ISSN / eISSN:1582-9596 / 1843-3707, Impact factor: 1.186, Science Citation Index Expanded
13	Manilal A M, Soloman P. A. , Ahmed Basha C, Removal of Oil and Grease from Produced water using Electrocoagulation, Journal of Hazardous, Toxic, and Radioactive Waste, 2019, Vol. 24(1), Pages: 04019023: 1-13, ISSN / eISSN:2153-5493 / 2153-5515, Impact factor: 2.3, Emerging Sources Citation Index
14	Manilal A M, Soloman P. A. , Influence of operating parameters on the fraction of oil oxidized during electrocoagulation of produced water, Water Conservation, Science and Engineering, 2020, Vol. 5, Pages: 41-52, ISSN / eISSN:2366-3340 / 2364-5687, Impact factor: 4.31, Emerging Sources Citation Index
15	Minimol Pieus T., Soloman P. A. , Integrated electro Fenton and membrane bioreactor system for matured landfill leachate treatment, Journal of Hazardous, Toxic, and Radioactive Waste, 2020, Vol. 25(1), Pages: 04020058:1-7, ISSN / eISSN:2153-5493 / 2153-5515, Impact factor: 2.3, Emerging Sources Citation Index
16	Manilal A M, Soloman P. A. , Effect of polarity shift on performance of electrocoagulation process for treatment of produced water, Chemosphere, 2021, Vol. 263, Pages: 1-11, ISSN / eISSN:0045-6535 / 1879-1298, Impact factor: 8.125, Science Citation Index Expanded
17	A. Ramesh, G. Madhu, Soloman P. A. , Energy technology policy and performance analysis-a cement industry perspective, European Journal of Scientific Research, 2012, Vol. 73 (1), Pages: 33- 40
18	A. Ramesh, G. Madhu, Soloman P. A. , System Dynamic Model to Forecast CO2 emissions of Indian Cement Industries, International Journal of Environmental Engineering and Management, 2013, Vol. 4 (1), Pages: 33-47
19	Harinarayanan Namboothiri, Manilal A M, Soloman P. A. , Control of Electrocoagulation batch reactor for oil removal from automobile garage wastewater, Procedia Technology, 2016, Vol. 24, Pages: 503-610
20	Sminu John, Soloman P. A. , Fasnabi P A, Study on removal of acetamiprid from wastewater by electrocoagulation, Procedia Technology, 2016, Vol. 24, Pages: 619-630
21	Divya A H, Soloman P. A. , Effects of some water quality parameters especially total coliform and faecal coliform in surface water of Chalakudy river, Procedia Technology, 2016, Vol. 24, Pages: 631-638
22	Debasis Maharana, Soloman P. A. , Flameless catalytic LPG combustion and its optimization, Procedia Technology, 2016, Vol. 24, Pages: 689 -695

23	Sari Thomas Maliyekkal, Soloman P. A. , Rejini V O, Preparation of Chitosan-CMC blends and studies on thermal properties, Procedia Technology, 2016, Vol. 24, Pages: 721- 726
24	Agil Abraham Francis, Soloman P. A. , Rejini V O, Preparation of Chitosan-poly vinyl alcohol blends and studies on thermal and mechanical properties, Procedia Technology, 2016, Vol. 24, Pages: 741- 748
25	A M Manilal, M G Harinarayanan Nampoothiri, Soloman P. A. , Removal of oil and grease from automobile garage wastewater using electrocoagulation, IOP Conference Series: Materials Science and Engineering, 2017, Vol. 206, Pages: 1-10
26	Aravind S P, Soloman P. A. , Assessment of Trihalomethanes in drinking water using Gas Chromatograph, Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment, 2018, Vol. 1, Pages: 544-548
27	Vikramaraj, Mikhila; Manilal, A. M.; Soloman P. A. , Effect of parameters on electro-Fenton process for removal of oil and grease from refinery wastewater, Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment, 2018, Vol. 1, Pages: 523-528
28	Minimol Pieus T., Soloman P. A. , Degradation of Matured Landfill Leachate by Electro Fenton Treatment and Optimization by Response Surface Methodology , International Journal of Engineering & Technology, 2018, Vol. 7(3.8), Pages: 101-105
29	Minimol Pieus T., Soloman P. A. , Matured Landfill Leachate treatment by Electro Fenton and Photo Electro Fenton process, International Journal of Management, Technology and Engineering, 2018, Vol. 8, Pages: 1231-1240
30	Sosamony K.J., Soloman P. A. , Treatment of Textile Wastewater Using Modified Fluidized Bed Fenton Process, 2018, Vol. 7, Pages: 428-436
31	Sosamony K.J., Soloman P. A. , Treatment of Pretreated Textile Wastewater Using Modified MBBR, International Journal of Engineering & Technology, 2018, Vol. 7(3.8), Pages: 106-110
32	Divya A. H., Soloman P. A. , An Assessment of Water and Sediment Quality of River in India with Special Reference to Pesticide Contamination, a Case Study, International Journal of Engineering & Technology, 2018, Vol. 7(3.8), Pages: 97-100
33	Francis John, Soloman P. A. , Bioconversion of coir waste to glucose for ethanol, International Journal of Engineering and Techniques, 2019, Vol. 5(6), Pages: 1-6

34	Francis John, Soloman P. A. , Optimization of Cellulase Enzyme Production by Co-cultures of Fungi Isolated from Lignocellulosic Waste, International Journal for Modern Trends in Science and Technology, 2020, Vol. 6(5), Pages: 19-26
35	Kishore Bose, Soloman P. A. , Dynamic simulation of manufacture of styrene by catalytic dehydrogenation of ethyl benzene, IOP Conference Series: Materials Science and Engineering, 2021, Vol. 1114, Pages: 1-11
36	Sosamony K.J., Soloman P. A. , Treatment of Textile Effluent using Solar Photo Fenton Process with bio-synthesized nZVI, International Journal of Environmental Engineering, Inderscience, 2021, Vol. 11(2), Pages: 118-131
37	Sosamony K.J., Soloman P. A. , Comparison in Performance of Magnetic Field Induced MBBR Coupled with Advanced Oxidation Processes for Textile Effluent Treatment with Cost Estimation, Environmental Quality Management , 2021, Vol. 30, Pages: 145-157
38	N Divya, A V Sreerag, Yadukrishna, Tiwin Joseph and Soloman P. A. , A study on electrochemical oxidation of phenol for wastewater remediation, IOP Conference Series: Materials Science and Engineering, 2021, Vol. 1114, Pages: 1-11
39	Anisha Suresh, Minimol Pieus T., Soloman P. A. , Treatment of Landfill Leachate by Membrane Bioreactor and Electro Fenton Process International Journal of Engineering Sciences & Research Technology, 2016, Vol. 5(8), Pages: 686-697
40	Kadeejathul Kubra P., Soloman P. A. , Ammonia Synthesis Loop: A Dynamic Simulation-Based HAZOP Study, Asia-Pacific Journal of Chemical Engineering, 04 May 2025

International Conference Publications: Soloman P. A., Principal, Govt. Engg. College, Thrissur

No	Year	Publication
1	2013	Soloman P. A. , D.V.S.Murthy, Studies in treatment of sulphite pulping liquor in upflow anaerobic contact filter, International conference on Chemical and bioprocess Engineering, 27-29 August 2003, Universiti Sabah, Kota Kinabalu, Malaysia.
2	2013	Francis John V, Abmily Mechoor, Rahna K Rathnan and Soloman P. A. , Production of Bacterial cellulose and cellulase enzyme using wastepaper hydrolysate and coconut water as dual cheap Carbon sources, International conference on Materials for future, 6- 8 November 2013 , Government Engineering College, Thrissur
3	2013	Vimalkumar and Soloman P. A. , Neural network based online estimation of valve dead band and stiction, International conference on Materials for future, 6- 8 November 2013 , Government Engineering College, Thrissur
4	2013	Sumayya.V., Soloman P. A. , and Manilal A. M., Removal of oil from produced water using electro-coagulation method, International conference on Materials for future, 6- 8 November 2013 , Government Engineering College, Thrissur
5	2013	Anju Sunny and Soloman P. A. , Revamping of Ammonia plant with R-LNG and simulation of Syngas production using Aspen HYSYS, International conference on Materials for future, 6- 8 November 2013 , Government Engineering College, Thrissur
6	2014	Jinish.K, Manilal. A.M, Soloman P. A. , CFD Simulation of oil water separator, International Conference on waste management and sustainable development, 21-23 March 2014, NSS Palakkad.
7	2014	Soumya S Nair, Soloman P. A. , Mathematical Modelling, Simulation & Control of Liquid Level in Storage Tanks of Varying Cross Section Using Advanced Controllers, International Conference on Advances in Chemical Engineering and Technology (ICACE TKMCE '14), 2014, TKM Kollam
8	2018	Divya A. H., Soloman P. A. , River water Quality dissolved Oxygen Model of Chalakudy River in India Using Fuzzy inference System, International conference on Advances in Chemical Engineering, Jan 18-20, 2018., GEC Thrissur
9	2018	Harinarayanan Nampoothiri, M.G., Manilal, A.M., Godwin Anand, P.S., Soloman P. A. , Artificial Neural Network Based Control of Electrocoagulation based Automobile Wastewater Treatment Plant, International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018, 2018, 8821131, 21-22 Dec. 2018, SAINTGITS College of Engineering, Kottayam
10	2021	Hasna Jahan K., Stenil A. Jacob, Fabi Binad M. K., Arjun Sugathan, Soloman P. A. , Simulation and optimization of Mono Ethylene Glycol production process , Yukthi 2021- The International Conference on Emerging Trends in Engineering , Sep, 24-26, 2021 , GEC, Kozhikode
11	2021	Sulaikha S., Soloman P. A. , Dynamic Simulation of Synthesis Section of Ammonia Plant , Yukthi 2021- The International Conference on Emerging Trends in Engineering , Sep, 24-26, 2021 , GEC, Kozhikode
12	2021	Mariya Binoy, Soloman P. A. , Heat Integration of Synthesis Gas Production Part of Haber-Bosch Process of Ammonia Manufacture ,

		Yukthi 2021- The International Conference on Emerging Trends in Engineering , Sep, 24-26, 2021, GEC, Kozhikode
13	2022	Sandra Ann Jacob, Soloman P. A. , Dynamic Simulation of Demethanizer Column, International Conference on Sustainable Technology and Innovation for Industry 4.0-2022, April 21-22, 2022, CUSAT, Kalamassery
14	2022	Dhanya Menon P., Soloman P. A. , Kinetic-Based Simulation of Biogas Steam Reforming, International Conference on Sustainable Technology and Innovation for Industry 4.0-2022, April 21-22, 2022, CUSAT, Kalamassery
15	2022	Sandra Ann Jacob, Soloman P. A. , Dynamic Simulation of Demethanizer Column Using Custom Column and its Dynamic HAZOP Study in Unisim Design, International conference on Systems, Energy and Environment (ICSEE) 2022, 5-6 August 2022, GEC, Kannur
16	2022	Dhanya Menon P., Soloman P. A. , Exergy Analysis of Biogas Steam Reforming for hydrogen production, International conference on Systems, Energy and Environment (ICSEE) 2022, 5-6 August 2023, GEC, Kannur
17	2022	Sumayya.V. and Soloman P. A. , Removal of oil from produced water using electrochemical method, Second International Conference on Sustainable Technologies for water treatment and desanilation (STWTD), 28- 29 January 2022, NIT, Calicut
18	2023	Anusha T A., Soloman P. A. and P.G. Sukumaran, Effect of operating parameters on chemical retention of wood in pressure treatment process, International Conference On Recent Advances In Materials, Processes And Technology For Sustainability, Rampts-2023, 19-21 April, 2023, Government Engineering College, Thrissur
19	2023	Krishnendu P. Sunilkumar and Soloman P. A. , Ensuring Safety in Ammonia Production: A Comprehensive Hazard Analysis of the Reforming Section, International Conference On Recent Advances In Materials, Processes And Technology For Sustainability, Rampts-2023, 19-21 April, 2023, Government Engineering College, Thrissur

National Conference Publications: Soloman P. A., Principal, Govt. Engg. College, Thrissur

Sl. No.	Publication
1	Vimal Kumar V, Soloman P. A. , Neural network based online elimination of valve non-linearity, National conference on Advanced Trends in Chemical Engineering, Department of Chemical Engineering, GEC, Thrissur, 26- 28 September 2013
2	Francis John V, Ambily Mechoor, Rahna K Rathnan and Soloman P. A. , Bio-conversion of waste paper by co-cultures of fungi isolated from lignocellulosic waste, National conference on Advanced Trends in Chemical Engineering, Department of Chemical Engineering, GEC, Thrissur, 26- 28 September 2013
3	Soumya S Nair, Soloman P. A. , Mathematical Modeling, Simulation & Control of Liquid Level of Nonlinear Tanks using Fuzzy Controller, 2nd National Conference on Emerging Trends in Engineering - NET 2014, Department of Chemical Engineering, GEC, Kozhikode, 29- 30 August 2014
4	Jinish.K, Manilal. A.M, Soloman P. A. , CFD modeling and simulation of Oil/ water separation in a novel hydrocyclone using fluent software, INSTRUMENTANIA-2014', A National Conference on Instrumentation and Control Engineering, NSS Palakkad, 2014
5	Arun P., Soloman P. A. , Optimisation of Steam network in Chemical Process Industries, KTU techfest-2019, GEC Thrissur, 15-17 Feb 2019
6	Abhijith R, Anwin John, Sravan K Madhu, Yadhu Prakash, Soloman P. A. , Assessment and Comparison of Simulation to, Manufacture of Styrene from Ethylbenzene, and Toluene, KTU techfest-2019, GEC Thrissur, 15-17 Feb 2019
7	Kishore Bose, Soloman P. A. , Dynamic Simulation of Chemical Processes, KTU techfest-2019, GEC Thrissur, 15-17 Feb 2019
8	Kadeejathul Kubra P., Soloman P. A. , Simulation of Industrial Ammonia Plant Using Unisim, KTU techfest-2019, GEC Thrissur, 15-17 Feb 2019

PhD Guided and produced- **Dr. Solomon P. A.**

Dr. Solomon P. A. successfully guided **Ms. Divya A. H.**, Research Scholar, Govt. Engineering College, Thrissur, who was awarded the Ph.D. in Chemical Engineering by the University on 07.03.2020. Her thesis was entitled “*Assessment and Modeling of Pollution Load in Chalakudy River, Kerala, India*”.

He also guided **Mr. Manilal A. M.**, Research Scholar, Govt. Engineering College, Thrissur, who was awarded the Ph.D. in Chemical Engineering by the University on 30.12.2020. His doctoral research focused on “*Removal of oil from produced water/oil field wastewater*”.

Further, **Ms. Minimol Pieus. T.**, Research Scholar, Govt. Engineering College, Thrissur, completed her Ph.D. in Chemical Engineering under his guidance, with the award notified on 19.02.2021. Her thesis was entitled “*Studies on the treatment of Municipal landfill leachate by advanced oxidation process and membrane bioreactor process*”.

In addition, **Ms. Sosamony K. J.**, Research Scholar, Govt. Engineering College, Thrissur, was awarded the Ph.D. in Chemical Engineering under his supervision, as per notification dated 20.10.2021. Her research was titled “*Treatment of Textile Effluent using Moving Bed Biofilm Reactor (MBBR) coupled with Advanced Oxidation Process*”.

Lectures delivered by Dr. Solomon P. A.

No.	Lecture
1	Safety and Environment Management- Emerging Trends, 13th June 2003, at NIT, Tiruchirappalli
2	Excel for Numerical Techniques, 20-21 Jan 2010, at Adhiyamaan College of Engg., Hosur
3	Response Surface Methodology, 5th Aug. 2010, at GEC Thrissur
4	Introduction to Microsoft Excel, 22-28 June 2012, at GEC Kozhikode
5	Response Surface Methodology, 2nd July 2011, at GEC Thrissur
6	Industrial accidents- Case Histories, 10th Jan. 2012, at GEC Thrissur
7	Sasthra Kouthukam in Sasthralokam, 16th Oct 2021, at All India Radio, Thrissur
8	Software Skills in Aspen Plus and Hysys, 8-9 Nov. 2013, at GEC Kozhikode
9	Process Simulation using Aspen Plus and Hysys, 13th March 2013, at GEC Kozhikode
10	Programming with Matlab, 16th April 2013, at GEC Thrissur
11	Essentials of Optimisation Techniques in Engineering, 12th June 2013, at GEC Thrissur
12	Computational tools for Engineering Applications, 27th July 2013, at GEC Thrissur
13	Data Management using Spreadsheet, 24th July 2013, at RIT, Kottayam
14	Numerical Analysis for Chemical Engineers using MS Excel, 26th Oct 2013, at NIT, Calicut
15	Application of Excel in Chemical Engineering, 24-25 Jan 2015, at MNIT, Jaipur
16	Engineering Optimisation: Methods and Applications, 4th March 2014, at RIT, Kottayam
17	Optimisation, VBA and Statistical Analysis using MS Excel, 12, 17 and 18 May 2015, at GEC Thrissur
18	Design of Process Equipments using Hysys, 19th Nov 2014, at GEC Kozhikode
19	New Challenges in occupational Safety, Health and Environment, 23rd Oct 2017, at GEC Thrissur
20	TEQIP-II sponsored Workshop on "Chemical Plant Simulation Using UniSim® Design", 23rd July 2018, at Government Engineering College, Kozhikode
21	Preparing for NBA accreditation of PG programs in the latest format, 30th April 2019, at GEC Thrissur
22	MS Excel for Engineers, 15-19 July 2020, at GEC Thrissur
23	Process Integration using Pinch Technology, 22nd July 2019, at GEC Thrissur
24	MS Excel for Engineers, 22-26 July 2020, at GEC Thrissur
25	Spreadsheet for Engineering Calculations, 8th Aug. 2019, at Govt. Polytechnic College, Kalamassery
26	Introduction to VBA in MS Excel, 28th May 2020, at SVCE, Sripurumbudur
27	MS Excel for Engineers, 12-14 Oct. 2021, at TKMCE, Kollam
28	Design of Experiments using Minitab, 30th Aug 2021, at Sree Chitra Thirunal CE, TVM
29	Introduction to design of experiments using Minitab, 30th July 2022, at Indian Inst. of Chemical Engg., TVM
30	Prototype/ Process Design and development, 13th July 2022, at Vimala College, Thrissur
31	Simulation of Reactors using Honeywell Unisim Design, 2nd Feb 2023, at Sahrdaya College of Engg. and Tech., Kodakara
32	Optimisation using MATLAB, 3rd Feb 2023, at GEC, Thrissur
33	3 days' workshop on Spreadsheet Data Analytics for NBA Accreditation- Power Query and Pivot Table, 9-11 Jan, 2025, at SITTTTR, Kalamassery
34	3 days' workshop on Parametric Hypothesis Tests, 2-4, July- 2025, at GPT, Cherthala
35	Delivered a lecture in the workshop organized by the Institute Research Advisory Council (IRAC), Government Engineering College Thrissur, on 21-10-2025 on the topic "Statistical Hypothesis Testing for Means" for PG students, research scholars, and faculty members.
36	Delivered a lecture in the Two-Day Workshop on "Design of Experiments using Minitab and MS Excel" , Organized by the Department of Chemical Engineering, GEC Thrissur for B.Tech students of all branches from 06-07 April 2026.
37	Delivered a lecture in the Internship Programme: Master Data Analysis – Excel & Power BI , Organized by the Chemical Engineering Association, GEC Thrissur for B.Tech students of all branches from 01-06-2026 to 25-06-2026.