



**GOVERNMENT OF KERALA**  
**Department of Technical Education**  
**SEETHI SAHIB MEMORIAL POLYTECHNIC COLLEGE**

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#	Qualification	University / Board	Specialization	Year
1	ME /M.Tech	VINAYAKA MISSION DEEMED TO BE UNIVERSITY	MANUFACTURING ENGINEERING.	2017
2	BE/B-Tech	UNIVERSITY OF CALICUT	MECHANICAL ENGINEERING.	2002
3	DIPLOMA in Mechanical Engineering	STATE BOARD OF TECHNICAL EDUCATION	MECHANICAL ENGINEERING	1988

### Faculty Development Programs

#	Program	Institution	Duration	Year
1	Training on NC & CNC Machines	Technical Teachers Training Institute, Chennai - Extension Centre, Kalamassery, Cochin, India	2 Weeks 02-12-1991 to 06-12-91	1991
2	Productivity & Quality control	Thiagarajar Polytechnic college, Alagappanagr, Kerala.	2 Weeks 13 <sup>th</sup> 26 <sup>th</sup> December 1993	1993
3	Planning and Delivering Effective Instruction	National Institute for Technical Teachers Training and Research, Chandigarh, India. Organized by Indian Society for Technical Education.	2 Weeks 12-12-1994 to 23-12-1994	1994
4	Training programme on Computer Aided Design and Drafting.	Pondicherry Engineering College, Pondicherry, Tamilnadu, India.	2 Weeks 19-06-1995 to 01-7-1995	1995
5	Workshop on "Equipment Repair Coordinators Training	C.P.C. Polytechnic College, Mysore. Organized by Canada- India Cooperation Project	3 Days 07 to 09 October 1996	1996
6	Subject Updating in Statistical Quality Control	National Institute for Technical Teachers Training and Research Chennai, India.	2 Weeks 22-09-1997 to 26-09-1997	1997

7	Management Development Workshop on, a). Habits of highly effective People b). Preparation of project Proposals and Reports c). Accreditation	At Cochin, Organized by Canada- India Cooperation Project-	4 Days 21 <sup>st</sup> to 24 <sup>th</sup> January 1998	1998
8	Modern Trends in Information Technology	Maharajas Technological Institute ,Thrissur ,Kerala.	2 Weeks 17 <sup>th</sup> 30 <sup>th</sup> August 1998	1998
9	Technical Institutions and Entrepreneurial Development : an OD Approach	North Eastern Regional Institute of Science and Technology (NERIST) Arunachal Pradesh,India.	2 Weeks 16 <sup>th</sup> 26 <sup>th</sup> December 2003	2003
10	Flexible Manufacturing system	National Institute for Technical Teachers Training and Research. Chennai, India.	1 Week 13-09-2004 to 17-09-2004	2004
11	Recent Trends in Industrial Engineering and Management	Saint Longowal Institute of Engineering and Technology, Longowal,Punjab,India	2 Weeks 20 <sup>th</sup> to 31 <sup>st</sup> December	2004
12	Computer Application in Project Management	National Institute for Technical Teachers Training and Research Chennai, India	2 Weeks 22-08-2005 to 26-08-2005	2005
13	Methods and Media for Effective Instruction	National Institute for Technical Teachers Training and Research Chandigarh, India.	1 Week 19-12-2005 to 23-12-2005	2005
14	Student Services	National Institute for Technical Teachers Training and Research Chennai, India	3 Days 22-11-2006 to 24-11-2006	2006
15	Human Resources Management Skills in Technical Education	National Institute for Technical Teachers Training and Research Chennai, India	1 Week 14-02-2007 to 16-02-2007	2007
16	Developing Entrepreneurial Personality & Management Skills	National Institute for Technical Teachers Training and Research Chandigarh, India.	1 Week 24-04-2007 to 26-04-2007	2007
17	“Mechatronics”	National Institute for Technical Teachers Training and Research Chennai, India	1 Week 22-09-2008 to 26-09-2008	2008

18	Short term training programme on "Mechatronics"	National Institute for Technical Teachers Training and Research Chandigarh, India.	1 Week 03-08-2009 to 07-08-2009	2009
19	Short term training programme on Industrial Hydraulics&Pneumati	Supervisory development centre, Kalamassery, Kerala.	1 Week 09-02-2015 to 13-02-2015	2015
20	Refresher program on "Planning and Preparation for teaching"	Organized by All India council for technical education & Indian Society for Technical Education. At S.S.M. Polytechnic college, Tirur	1 Week 10-12-2018 to 15-12-2018	2018
21	Trends in Mechatronics & Manufacturing for Industrial Automation.	National Institute for Technical Teachers Training and Research Chennai, India	2 Weeks 16-09-2019 to 27-09-2019	2019
22	Short term training program on OBE - Outcome Based Education	Conducted by National Institute for Technical Teachers Training and Research Chennai, Extension Center Kalamassery. India.	1 Week 28-10-2019 to 01-11-2019	2019
23	Training Program on "Instructional Design for online Learning" Online mode-	Organized by National Institute for Technical Teachers Training and Research Chennai.	1 Week 28-06-2021 to 02-07-2021	2021
24	Online training program "Industrial Automation -- A Practical Oriented Programe"	Organized by National Institute for Technical Teachers Training and Research Chennai, Extension Center Kalamassery. India.	1 Week 24-09-2021 to 13-08-2021	2021
25	Online training programme on"Outcome Based Education and NBA process for Polytechnic Colleges.	Organised by KMCT Polytechnic College , Kuttippuram , Malappuram dt . Kerala	1 Week 26-07-2021 to 31-07-2021	2021

<b>Papers presented in journals</b>		
<b>#</b>	<b>Title of the paper &amp; Journal of publication</b>	<b>Month and year</b>
1	<b>“A study of content-based search of mechanical assemblies,”</b> In Research Directions Vol: 6 Issue: 3 Sept.,	September - 2016
2	<b>“Advanced battery and fuel cell development for electric vehicle,”</b> In Research Directions Volume 4, Issue 6.	December 2016.
3	<b>“Developing ultrasonic sensor technology for measuring roller bearings,</b> In Research Directions, Volume 7, Issue 8	February 2017.
4	<b>“Design and Fabrication of an Air Compressed Engine,”</b> In international journal of Trend in Scientific Research and Development, Volume - 1, Issue - 5,	July - Aug 2017.
5	<b>“Design and Analysis of Air Conditioning System for Seminar Hall”</b> In international journal of Trend in Scientific Research and Development, Volume - 2, Issue -1	Nov-Dec 2017.
6	<b>“Design of Air Conditioning System for a Commercial Building using Air Handling Unit,”</b> In International journal of Trend in Scientific Research and Development, Volume-2, Issue-2,	February 2018.
7	<b>“Application Of Operation Research in Logistics,”</b> in International Journal of Engineering Techniques, - Volume 5 Issue 1.	January 2019.
8	<b>Mechatronics, Identification Technology, Industry 4.0, and Education,</b> in International Journal of Innovative Research in Science, Engineering and Technology Vol. 9, Issue 1.	January 2020.
9	<b>“Machine learning can maximize Efficiency in an industrial process,”</b> In international journal of Research and Analysis in Science and Engineering, Volume 1, Issue 3.	May 2021
10	<b>“The view on Health and Safety in Industrial Engineering”</b> In international journal of research and analysis in science and engineering, Volume 1, Issue 4. Pages 69 to 81	July 2021,
11	<b>“Industrial Engineering Tool and Methods for productivity”</b> Improvement, In international journal of Research and Analysis in science and Engineering. Volume 1, Issue 5. Page 24 to 34	September 2021
12	<b>“Technology and operations Management in Industrial Engineering</b> In Shiv Shakthi International journal in Multidisciplinary and academic research, Volume 9 Issue.4.	December 2021
13	<b>“Entropy -Based Approach to Achieve Sustainability in Manufacturing System”</b> In International Journal of Multidisciplinary Educational Research. Volume 10, Issue (12)7)).	December 2021

14	<b>“Building a Network -Based Methodology to Model Supply Chain Systems.”</b> , In International Journal of creative research thoughts, Registration ID: 214410	December 2021
15	<b>“Sensor Based Motion Control of Mobile Car Robot</b> , In International journal of Trend in Scientific Research and Development , Volume 6 , Issue 3.	Mar-April 2022
16	<b>“Study on DSP (Digital Signal Processing) Based Motor control System.</b> In International Journal of Multidisciplinary Educational Research., Volume 11, Issue 4, Pages 84 to 89	April 2022

#### **MEMBERSHIP IN PROFESSIONAL BODY:**

- Life Member in Indian Society for Technical Education - LM 14397 - 1993, affiliated to All India Council for Technical Education.
- Senior Technician Membership in Indian Institute of Engineers, India.

#### **PAPER PRESENTATION IN CONFERENCES & SEMINARS**

#	NAME OF CONFERENCE/ WORKSHOP	TITLE OF PAPER	DATE	SPONSORING AGENCY	PLACE
1	National conference on advances in mechanical engineering (ncame-2016)	Knowledge based system in a small-scale industry.	20 April 2016.	VMKV ENGG: COLLEGE SALEM	VMKV ENGG. COLLEGE SALEM
2	National conference on advances in mechanical engineering (ncame-2017)	Determination of Buckling stiffened plate with longitudinal stiffeners subjected to Uniaxial compression	5 April 2017.	VMKV ENGG: COLLEGE SALEM	VMKV ENGG: COLLEGE SALEM

## **Industrial Training**

- Training in Production Planning & Control in Hindustan Machine Tool Ltd (HMT), Kalamassery, Cochin in Cooperation with Canada, India Cooperation Project (2 Weeks) 01-11-1996 to 04-11-1996.

## **SEMINARS & CONFERENCES ATTENDED**

1. Global Interconnectivity for Technical Education in India. December 19-21 at Maulana Azad College of Technology, Bhopal, India.
2. Mission committed to excellence in technology, 26 November 2005 at Mohandas, College of Engineering & Technology, Thiruvananthapuram
3. Quality, Sustainability and Social Responsibility, 04 November 2006, at Thiagarajar Polytechnic College, Alagappanagar, Thrissur, Kerala.
4. Energy Efficient Systems 14 October 2000. At Rajiv Gandhi Institute of Technology, Kottayam, Kerala5. Re-engineering of Engineering education 16-17 October 1998 at M.A.College of Engineering, Kothamangalam, Kerala.
6. Excellence in Technical Education - True Innovation 24 November at Govt. Engineering College, Thrissur.

## **PROJECTS**

1. Chief Coordinator - Entrepreneurship and Management Development, by All India Council of Technical Education, Government of India
2. Chief Co-ordinator - Entrepreneurship Development Club
3. Secretary/Treasurer-Indian Society for Technical Education, S.S.M. Polytechnic College Chapter.
4. Staff Development Manager S.S.M.Polytechnic College