

K. PALANIVEL, ITI, DICE, BE (ICE), M.Tech.,
Instrument Mechanic / ICE
A.D.J. Dharmambal Polytechnic College,
(A Government aided co-educational Institution & Affiliated to DOTE)
Kadambadi, Nagapattinam -611001



Google Scholar:

URI: <https://tinyurl.com/palanivelgooglescholar>

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palaniveladj@gmail.com

QUALIFICATION :

Degree	University /College	Specialization	Class
M.Tech	PRIST University / Ponnaiyah Ramajayam Institute of Science and Technology , Vallam	Communication Systems	Pursuing
B.E	Anna University, Chennai./ A.V.C College Of Engg, Mayiladuthurai	Instrumentation and Control Engineering	First Class
D.I.C.E	A.D.J Dharmambal PolytechnicCollege, Nagapattinam (A Government Aided & Co-Educational Institution) / Directorateof Technical Education	Instrumentation and Control Engineering	First Class with Distinction
ITI	National Apprentice Certificate / PPCL	Instrument Mechanic	First Class
ITI	NCVT / Government ITI T.R Pattinam	Instrument Mechanic	First Class
SSLC	State / Thanthai Periyar Govt.Hr.Sec.,School, Karaikal.	-	First Class

TEACHING / INDUSTRIAL EXPERIENCE

S. No	Nature of Experience	Name of the College / Institution	Position / Designation held	Period		Duration		Total Exp
				From	To	Yrs	Months	
1.	Teaching Experience in Polytechnic College.	i) A.D.J. Dharmambal PolytechnicCollege,Nagapattinam (Govt. Aided Institution)	Instrument Mechanic	28.10.2021	Till date	2	0	8.08
		ii)A.D.J. Dharmambal PolytechnicCollege,Nagapattinam (Govt. Aided Institution)	Lecturer	20.01.2016	27.10.2021	5	9	
		iii) Theni kammavar sangam polytechnic,Theni.	Lecturer	02.06.2014	01.05.2015	0	11	
2.	Industrial Experience	i) SANMAR (Chemical Plant) Karaikal	Instrument Technician	05. 02.2007	29.06.2007	0	5	2.05
		ii) . PPCL (32.5MW) Combined cycle(Power Plant)Karaikal	Instrument mechanic apprentice (NAC)	21.07.2005	20.07.2006	1	0	
		iii) Gail India Ltd Melavanjore, Karaikal	Instrument Technician	02.8.2004	15.07.2005	1	0	
Total Experience								11.1

Responsibilities undertaken:

S.No	Responsibilities
1.	Exam Cell i)Board practical exam date wise schedule & Batch list entry ii)Theory exam hall arrangement , Register maintenance & ext.. iii) ICE Department internal exam co-ordinator
2.	Plumber Course (PMKVY) Trainer & In-charge (Completed)
3.	Alumni in charge Registration link - https://tinyurl.com/adjdpcalumni
4.	Admission work
5.	Online admission report auto generated Certificate
6.	<ul style="list-style-type: none">• ADJDPC College Video editing work• PPT Editing & Projector Work• All types of Invitation Creation -Tool (Banner Maker App)• Program video uploading - YouTube & LinkedIn
7.	Online Technical Quiz Exam conducting i) https://tinyurl.com/onlinetechnicalquiz1 ii) https://tinyurl.com/onlinetechnicalquiz2 iii) https://tinyurl.com/onlinetechnicalquiz3 iv) https://tinyurl.com/onlinetechnicalquiz4
8	Students counseling

Internation Journal

1	A research related paper entitled “ CALIBRATION OF CONTROL VALVE ” has been published in the International journal of International Research Journal of Modernization in Engineering Technology and Science on 8 th October 2022, Volume:04/Issue:10/October-2022(DOI: https://www.doi.org/10.56726/IRJMETS30522).
2	A research related paper entitled “PRESSURE TRANSMITTER CALIBRATION USING CALIBRATOR & HART COMMUNICATOR” has been published in the International Journal of Creative Research Thoughts (IJCRT) on 13th October 2022 Volume 10, Issue 10 October 2022 (DOI: http://ijcrt.org/viewfull.php?&p_id=IJCRT2210187)

Training Programmes Attended:

S. No	Name of the College / Institution	Seminar/FDP/Workshop (Organized & Attended)	Period	
			From	To
1.	SRM Engineering and Technology Madurai	Fuel cell and its application	14.05.2023	14.05.2023
2.	SRN Institute of Science and Technology, Ramapuram Campus, Chennai	Futuristic Research in Mechanical Engineering	08.08.2022	13.08.2022
3.	Mahatma Gandhi Institute of Technology, Hyderabad	Greening the Grid	17.05.2022	21.05.2202 2
4.	GRG Polytechnic College, Coimbatore.	Smart City & Smart Society	27.12.2022	01.01.2022
5.	Puducherry Technological University (Formerly Pondicherry Engineering college), Pondicherry.	Physiological control & Internment of Medical Things	17.12.2021	23.12.2021
6.	Government Polytechnic college, Karur.	Electric Vehicle Technology & Policy	18.09.2021	25.09.2021

7.	National Institution of Technical Teachers Training and Research, Chennai.	Recent Trends in Biomedical Engineering	16.07.2021	16.07.2021
8.	Government College of Engineering, Chandrapur, Maharashtra.	“Environmental Challenges: Process and Pulp Industry”	18.05.2021	24.05.2021
9.	Dr. Rajendra Gode Institute of Technology & Research	Advanced VLSI Design using Microwind	06.05.2021	12.05.2021
10.	Pragati Engineering College, Surampalem, Andhra Pradesh,	Hybrid Energy Storage Systems	28.04.2021	04.05.2021
11.	Easwari Engineering College, Chennai, Tamilnadu.	“Recent Trends in EV Technologies”	20.04.2021	26.04.2021
12.	Arasan Ganesan Polytechnic College, Sivakasi.	INNOVATIVE TEACHING – LEARNING METHODOLOGIES USING ICT TOOLS	16.03.2021	22.03.2021
13.	Sakthi Polytechnic college, Sakthi nagar, Tamilnadu.	Industrial Automation Using PLC & SCADA	24.02.02021	02.03.2021
14.	Kongunadu College of Engineering and Technology.	Emerging Trends and Challenges in VLSI Mixed Signal Processing for Fourth Industrial Revolution	08.02.2021	20.02.2021
15.	JADE Training Resources, Bangalore	PATHFINDER For TEACHING FACULTY	21.02.2020	22.02.2020
16.	A.V.C College Of Engg, Mayiladuthurai	Lab view	22.11.2017	22.11.2017
17.	Thiagaraja College of Engineering at Madurai.	Two Week ISTE Workshop on CONTROL SYSTEM	02.12.2014	12.12.2014

Theory Paper Valuation Works:

S.No	Institution	Valuation	Subject	Year
1.	Government Polytechnic college, Tiruchy	Valuation	Micro controller	May - 2019
2.	Seshasayee institute of technology Tiruchy	Valuation	i) Control System ii) Bio Medical Instrumentation iii) Power plant instrumentation iv) Industrial Instrumentation	May- 2019
3.	Government Polytechnic college, Valangaiman	Valuation	i) Project work ii) Computer hardware servicing and network practical	April 2020
4.	Karaikal polytechnic college Varichikudi	Valuation	1) Electrical circuits and instrumentation 2) Electronics devices and circuits 3) Bio medical instrumentation	Oct 2020
5	Karaikal polytechnic college Varichikudi	Valuation	1) Electrical circuits and instrumentation 2) Electronics devices and circuits	April 2021

Theory Subject handled**Academic Details:**

S.No	Subject handled	Branch	Month& year of exam
1.	Control Engineering	ICE	Oct 2014
2.	Bio Medical instrumentation	ICE	April 2015
3.	Industrial instrumentation	ICE	April 2016
4.	Bio Medical instrumentation	ICE	April 2016
5.	Control Engineering	ICE	Oct 2016
6.	Micro Controller	ICE	Oct 2016
7.	Industrial instrumentation	ICE	April 2017
8.	Bio Medical instrumentation	ICE	April 2017
9.	Control Engineering	ICE	Oct 2017
10.	Industrial power electronics	ICE	Oct 2017
11	Industrial instrumentation	ICE	April 2018
12	Control Engineering	ICE	Oct 2018
13	Industrial power electronics	ICE	Oct 2018
14	Industrial instrumentation	ICE	April 2019
15	Power plant instrumentation	ICE	April 2019
16.	Electrical circuits instrumentation.	ECE	Oct 2019
17.	Communication Engineering	ECE	April 2020
18.	Linear Integrated circuits	ECE	April 2020
19.	Electrical circuits instrumentation.	ECE	Oct 2020
20.	Basics of electrical and electronics engineering	CE	Oct 2020
21	Communication Engineering	ECE	April 2021
22	Television Engineering	ECE	April 2021
23	Basics of electrical and electronics engineering	CE	OCT 2021
24.	Television Engineering	ECE	APR 2022
25.	Communication Engineering	ECE	APR 2022
26.	Basics of electrical and electronics engineering	CE	OCT 2022
27.	Analog And Digital Communication Systems	ECE	OCT 2022
28.	Communication Engineering	ECE	APR 2023
29.	Power plant Instrumentation	ICE	APR 2023
30.	Basics and Instrumentation	ICE	OCT 2023
31.	Control Engineering	ICE	OCT 2023

Practical Subject handled

S.No	Subject handled	Branch	Month& year of exam
1.	Lab view & Mat lab practical	ICE	Oct 2014
2.	Project	ICE	April 2015
3.	Micro controller practical	ICE	Oct 2016
4.	Project	ICE	April 2017
5.	Lab view & Mat lab practical	ICE	Oct 2017
6.	Project	ICE	April 2018
7.	Lab view & Mat lab practical	ICE	Oct 2018
8.	Electrical circuits instrumentation.Practical	ECE	Oct 2019
9.	Basics of electrical electronicsengineering practical	CE	Oct 2019
10.	Industrial Electronics & Communication engineeringpractical	ECE	April 2020
11.	Project	ECE	April 2020
12.	Basics of electrical and electronics practical	CE	Oct 2020
13.	Electrical circuits instrumentation.Practical	ECE	Oct 2020
14.	Industrial Electronics & Communication engineeringpractical	ECE	April 2021
15.	PCB & Design Practical	ECE	April 2021
16.	Basics of electrical and electronicspractical	CE	Oct 2021
17.	PCB & Design Practical	ECE	April 2022
18.	Communication engineering practical	ECE	April 2022
19.	Basics of electrical and electronics practical	CE	Oct 2022
20	Communication engineering practical	ECE	April 2023
21	Basics of Instrumentation Practical	ICE	OCT 2023
22	Electrical Engineering Practical	ICE	OCT 2023

Diploma Board External Examiner practical

S.No	Subject handled	Branch	Month& year of exam	Institution
1.	Lab view & Mat lab practical	ICE	Oct 2014	WPTC ,Madurai
2.	Industrial automation drives practical	ICE	April 2015	WPTC ,Madurai
3	Basics of instrumentation practical	ICE	Oct 2017	WPTC ,karaikal
4	Program logic controller practical	ICE	April2018	WPTC ,karaikal
5	Process control instrumentation practical	ICE	Oct 2018	WPTC ,karaikal
6	C- Programming Practical	ECE	Oct 2018	AVC polytechnic college, Mayiladuthurai
7	Basics of instrumentation practical	ICE	Oct 2018	Aries polytechnic college, vadalore
8	Advanced communication system practical	ECE	Oct 2019	Nethaji polytechnic college
9.	Basics of electrical electronics engineering practical	CE	Oct 2019	Sir issac newton polytechnic college, paapakovil.
10	Advanced communication system practical	ECE	Oct 2019	SKPC ,Mannargudi

Diploma Board Examinations Appointment of Hall Superintendents

S.No	Institution	Month& year of exam
1.	Government Polytechnic college , Kottur	Oct 2014
2.	SBM Polytechnic college, Dindigul	April 2015
3.	AVC polytechnic college, Mayiladuthurai	April 2016
4.	VDP Polytechnic college, Nagapattinam	Oct 2016
5.	Karaikal polytechnic college, Varichikudi	April 2017
6.	Government polytechnic college , Korkkai,	Oct 2017
7.	Haji sheik ismail polytechnic college, Easnur	April2018
8.	EGSP polytechnic college, Nagapaatinam	Oct 2018
9.	Karaikal polytechnic college, Varichikudi	April 2019
10.	Karaikal polytechnic college Varichikudi	Oct 2019

ACADEMIC PROJECT DETAILS:

Diploma Projects:

Title: Automatic pump control using pressure switches

BE Project:

Title: Controlling A Large Data Acquisition System using an industrial Scada system

INDUSTRIAL RESPONSIBILITIES

Troubleshooting of Varity of instrument in process measurements.
Preventive and Corrective maintenance in process control system
Breakdown maintenance and shutdown maintenance.
Equipment improvement activities...
Calibration and troubleshooting of various transmitters, Control Valves, High and
Low alarm Pressure switches and gauges, temperature, level and Flow, Temperature
Elements, Vibration probes, Level measuring instruments, Solenoid valves,
Actuators, speed sensors, governors etc.
Calibration of ph sensors
Calibration and troubleshooting of Pneumatic transmitters, Pneumatic positioner.
And control system..
Calibration, Testing, loop checking, troubleshooting and maintenance of
Transmitters "ROUSMOUNT SMART 3051 & 2088 & 644 SERIES" with are used
For control process equipments

TECHNICAL TRAINING

Undergone Inplant Training at Kerala Electricals Ltd, Mamala.
Pioneer Power Plant – Instrumentation Division.

Alumni In-charge

Mr. K. Palanivel, ITI, DICE, BE, M.Tech. (2007-2010) ICE Branch

ICE / Instrument Mechanic,

ADJ Dharmambal Polytechnic College

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A.D.J.D. ALUMNI ASSOCIATION

“அன்பு மிகு – Alumni”

02.02.2020 & 08.03.2020



A.D.J.D. ALUMNI ASSOCIATION

“அன்பு மிகு – Alumni”

26.10.2022



A.D.J.D. ALUMNI ASSOCIATION

“அன்பு மிகு – Alumni”

26.08.2023

