



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited

think • innovate • transform

PROGRAMME REPORT ON

Technical Seminar-AIoT for Precision Farming: Smart Irrigation with AI

Resource Person

Mr.A.Jayakumar

Organized by

ECE- PMIST



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

PROGRAMME REPORT ON

Seminar – On “AIoT for Precision Farming: Smart Irrigation with AI”

Resource
Person

**Mr. A. Jeyakumar,
Sr. Technical,
Livewire India Pvt Ltd,**

Organized by

ECE-PMIST



**PERIYAR MANIAMMAI INSTITUTE OF
SCIENCE & TECHNOLOGY**
Periyar Nagar, Vallam, Thanjavur-613403 Tamil
Nadu, INDIA

FACULTY NAME: Dr. D. Mariappan, ASP/ECE

Department of Electronics and Communication Engineering

EVENT	Experts/Guest Speaker	Beneficiaries
Seminar– On “ AIoT for Precision Farming: Smart Irrigation with AI” Date & Time: 07.10.2025&10.40 a.m.-12.30 p.m. Venue: Lecture Hall Report/Summary/Key points discussed: Title: “AIoT for Precision Farming: Smart Irrigation with AI” Objectives of the Seminar: To explore the integration of Artificial Intelligence (AI) and Internet of Things (IoT) technologies in precision farming, focusing on the development of smart irrigation systems that optimize water usage, enhance crop yield, and promote sustainable agricultural practices through real-time monitoring and intelligent decision-making. Conclusion: Overall, the seminar concluded that integrating AI and IoT in agriculture represents a crucial step toward sustainable farming, ensuring better management of water, energy, and labor resources while enhancing food security and environmental balance.	Mr. A. Jeyakumar , Sr. Technical, Livewire India Pvt Ltd.,	Students 73
Introduction 	Content Delivery 	



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Government Institute)
Kannur - 690 004, Kerala
WISDOM • INTEGRITY • INNOVATION

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Organizes

“AIoT for Precision Farming: Smart Irrigation with AI”

Date : 07/10/2025

Time : 10.40 am to 12.30 pm

Venue : Lecture Hall



**A.JAYAKUMAR
SR. TECHNICAL
LIVEWIRE INDIA PVT LTD**

CONVENOR

**Dr.S.Janani Ph.D.,
HOD | ECE**

CO-ORDINATOR

**Dr.D.Mariappan M.E., Ph.D
Asso.Prof | ECE**

Department of
Electronics and Communication

Periyar Engineering College
Main Road, Salem, Tamil Nadu - 631 005, India
Phone: +91-4352-204001 Fax: +91-4352-204002
Email: head@periyar.edu Website: www.periyar.edu



**PERIYAR
MANIAMMAI**
UNIVERSITY
Salem, Tamil Nadu - 631 005, India
Phone: +91-4352-204001 Fax: +91-4352-204002
Email: head@periyar.edu Website: www.periyar.edu

SEMINAR ON "AIOT FOR PRECISION FARMING: SMART IRRIGATION WITH AI"

VENUE: LECTURE HALL

DATE: 07.10.2023

S.No	Register No	Name	Year/Section	Department	Signature
1	125010061477	M. DISURAJ	I-A	Mechanical	M. Disuraj
2	050120020377	G. Janyu Rajul	I-A	Electrical	G. Janyu Rajul
3	1250100131281	Shalini A	I-A	ECE	Shalini A
4	1250100131071	K. Subangarasan	I-A	ECE	K. Subangarasan
5	1250100131075	R. Supriya	I-A	Mechanical	R. Supriya
6	1250100131079	C. Adithyan	I-A	Mechanical	C. Adithyan
7	030120013007	S. Indrapriya	I-A	Mechanical	S. Indrapriya
8	1250100131081	P. Prashanth	I-A	Mechanical	P. Prashanth
9	1250100131085	D. A. Prashanth	I-A	Electrical	D. A. Prashanth
10	0301200131089	Prashanth M	I-A	Electrical	Prashanth M
11	1250100131093	Kavita C	I-A	B.TECH ECE	Kavita C
12	1250100131097	A. Mathumitha	I-A	B.TECH ECE	A. Mathumitha
13	1250100131101	A. Varsha	I-A	B.TECH ECE	A. Varsha
14	0501200131105	B. Prashanth	I-A	B.TECH ECE	B. Prashanth
15	1250100131109	Shravya B	I-A	Electrical	Shravya B
16	0301200131113	RA. Anitha	I-A	Electrical	RA. Anitha
17	1250100131117	Thamisha S	I-A	Electrical	Thamisha S
18	0301200131121	J. Jeyaraj	I-A	Electrical	J. Jeyaraj
19	0301200131125	J. Jeyaraj	I-A	Electrical	J. Jeyaraj
20	1250100131129	S. Vignesh	I-A	Electrical	S. Vignesh
21	1250100131133	J. Anitha	I-A	Electrical	J. Anitha
22	1250100131137	A. Vijayaraghavan	I-A	Electrical	A. Vijayaraghavan
23	1250100131141	K. Mahesh	I-A	Electrical	K. Mahesh
24	1250100131145	T. Anitha	I-A	Electrical	T. Anitha
25	0301200131149	S. Prashanth	I-A	Electrical	S. Prashanth
26	1250100131153	S. Prashanth	I-A	Electrical	S. Prashanth
27	0301200131157	A. Mahesh	I-A	Electrical	A. Mahesh
28	1250100131161	A. Mahesh	I-A	Electrical	A. Mahesh
29	0301200131165	A. Mahesh	I-A	Electrical	A. Mahesh
30	1250100131169	A. Mahesh	I-A	Electrical	A. Mahesh
31	1250100131173	A. Mahesh	I-A	Electrical	A. Mahesh
32	1250100131177	A. Mahesh	I-A	Electrical	A. Mahesh
33	1250100131181	A. Mahesh	I-A	Electrical	A. Mahesh
34	1250100131185	A. Mahesh	I-A	Electrical	A. Mahesh
35	1250100131189	A. Mahesh	I-A	Electrical	A. Mahesh
36	1250100131193	A. Mahesh	I-A	Electrical	A. Mahesh
37	1250100131197	A. Mahesh	I-A	Electrical	A. Mahesh
38	1250100131201	A. Mahesh	I-A	Electrical	A. Mahesh

Dr. S. Vigneshwaran
Co-ordinator

Dr. S. Jadhav, M.E., Ph.D.,
Professor & Head
Department of Electronics & Communication Engineering
Periyar Maniammai University

S.No	Register No	Name	Year/Section	Department	Signature
39	125012013206	J. Mukilan	I - A	B.Tech(ECE)	J. Mukilan
40	125012013207	M. Kabilan	I - A	B.Tech(ECE)	M. Kabilan
41	125012013208	C. Karthikraj	I - A	B.Tech(ECE)	C. Karthikraj
42	125012013209	S. Arishtik	I - A	B.Tech(ECE)	S. Arishtik
43	125012013210	P. omah. Suresh	I - A	B.Tech(ECE)	P. omah. Suresh
44	125012013211	P. Suresh	I - A	B.Tech(ECE)	P. Suresh
45	125012013212	S. S. Suresh	I - A	B.Tech(ECE)	S. S. Suresh
46	125012013213	S. m. Suresh	I - A	B.Tech(ECE)	S. m. Suresh
47	125012013214	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
48	125012013215	S. P. Suresh	I - A	B.Tech(ECE)	S. P. Suresh
49	125012013216	G. Venkatesh	I - A	B.Tech(ECE)	G. Venkatesh
50	125012013217	F. Suresh	I - A	B.Tech(ECE)	F. Suresh
51	125012013218	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
52	125012013219	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
53	125012013220	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
54	125012013221	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
55	125012013222	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
56	125012013223	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
57	125012013224	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
58	125012013225	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
59	125012013226	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
60	125012013227	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
61	125012013228	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
62	125012013229	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
63	125012013230	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
64	125012013231	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
65	125012013232	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
66	125012013233	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
67	125012013234	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
68	125012013235	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
69	125012013236	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
70	125012013237	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
71	125012013238	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
72	125012013239	S. Suresh	I - A	B.Tech(ECE)	S. Suresh
73	125012013240	S. Suresh	I - A	B.Tech(ECE)	S. Suresh

Dr. D. MARIAPPAN.

(Co-ordinator)

Dr. S. Janani, M.E., Ph.D.,

Dr. S. Janani, M.E., Ph.D.,

Dr. S. Janani, M.E., Ph.D.,

Dr. S. Janani, M.E., Ph.D.,

Dr. S. Janani, M.E., Ph.D.,

Dr. S. Janani, M.E., Ph.D.,

Department of Electronics and Communication Engineering
Periyar Nagar, Valluvar Thangalvar - 613 493, Tamil Nadu, India
Phone: +91 - 4362 - 284600 Email: headec@pnu.edu Web: www.pnu.edu



PERIYAR
MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
Periyar Nagar, Valluvar Thangalvar - 613 493, Tamil Nadu, India
Phone: +91 - 4362 - 284600 Email: headec@pnu.edu Web: www.pnu.edu

Feedback
SEMINAR ON "AIoT for Precision Farming: Smart Irrigation with AI"

DATE: 07.10.2025

Resource Person: Mr. A. JAYAKUMAR

VENUE: LECTURE HALL

Name of the Participant : S. Sriharan
Designation : Student
Department : ECE 1st Year
Feedback about Programme : I got a clearance about AIoT
Suggestions (if any) :
Signature : S. Sriharan

Department of Electronics and Communication Engineering
Periyar Nagar, Valluvar Thangalvar - 613 493, Tamil Nadu, India
Phone: +91 - 4362 - 284600 Email: headec@pnu.edu Web: www.pnu.edu



PERIYAR
MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
Periyar Nagar, Valluvar Thangalvar - 613 493, Tamil Nadu, India
Phone: +91 - 4362 - 284600 Email: headec@pnu.edu Web: www.pnu.edu

Feedback
SEMINAR ON "AIoT for Precision Farming: Smart Irrigation with AI"

DATE: 07.10.2025

Resource Person: Mr. A. JAYAKUMAR

VENUE: LECTURE HALL

Name of the Participant : E. Varun Kumar
Designation : Student
Department : MACH - 3rd - Year
Feedback about Programme : I got a clearance about AIoT
Suggestions (if any) :
Signature : E. Varun Kumar

Department of Electronics and Communication Engineering
Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4382 - 264600 Fax: +91-4382 - 264690
Email: headece@pmu.edu Web: www.pmu.edu



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4382 - 264600 Fax: +91-4382 - 264690
Email: headece@pmu.edu Web: www.pmu.edu

Feedback

SEMINAR ON "AIoT for Precision Farming: Smart Irrigation with AI"

DATE: 07.10.2025

VENUE: LECTURE HALL

Resource Person: Mr. A. JAYAKUMAR

Name of the Participant : R. Supriya
Designation : Student
Department : ECE 1st Year
Feedback about Programme : Very Informative
Suggestions (if any) :
Signature :

Department of Electronics and Communication Engineering
Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4382 - 264600 Fax: +91-4382 - 264690
Email: headece@pmu.edu Web: www.pmu.edu



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
Phone: +91 - 4382 - 264600 Fax: +91-4382 - 264690
Email: headece@pmu.edu Web: www.pmu.edu

Feedback

SEMINAR ON "AIoT for Precision Farming: Smart Irrigation with AI"

DATE: 07.10.2025

VENUE: LECTURE HALL

Resource Person: Mr. A. JAYAKUMAR

Name of the Participant : Rubenaprasen.K
Designation : Student
Department : ECE - I st year
Feedback about Programme : Knowledgeable
Suggestions (if any) :
Signature :