



**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

Workshop-Fundamentals of Artificial Intelligence

Resource Person

Dr. K. Thiyagarajan, AP, Department of Computer Science, PMIST

Organized by


CHEMISTRY- PMIST

FACULTY OF SCIENCE AND HUMANITIES
periyar Nagar, vallamThanjavur - 613 403, Tamil Nadu, India
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Email:deanfsh@pmu.edu Website: www.pmu.edu




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Email: dean@pmu.edu, deansh@pmu.edu, deansh@pmu.edu


**ONE WEEK WORKSHOP
ON
FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE**

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Email: dean@pmu.edu, deansh@pmu.edu, deansh@pmu.edu


One Week Workshop on
with Workshop on AI/ML/DS
**FUNDAMENTALS OF
ARTIFICIAL INTELLIGENCE**



RESOURCE PERSON



DR. K. THIYAGARAJAN
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE
PMIST

8.10.2024 - 15.10.2024 & 2:30 PM-3:30 PM  **MAT LAB / EDUCATION BLOCK**

Convener
Dr. P. Vijayalakshmi
Asso. Prof & Dean (FSH)
PMIST

Co-Convener
Dr. S. Gomathi
AP (SG) in Chemistry & Deputy Director (CSAS)
PMIST

FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE

REPORT

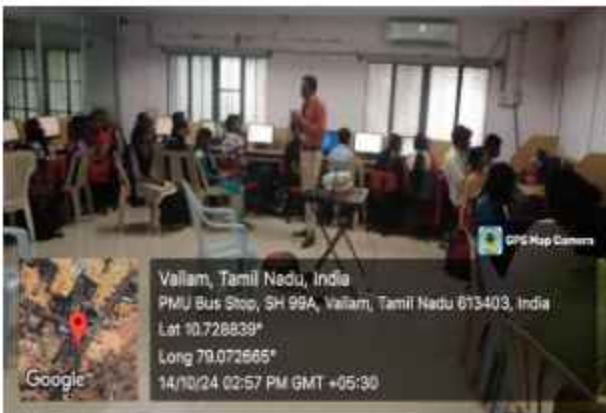
Faculty of Sciences and Humanities (FSH), Periyar Maniammai Institute of Science and Technology (PMIST) have organized one week workshop on Fundamentals of Artificial Intelligence from 8.10.2024 to 15.10.2024. The session was started with the welcome address by Dr. S. Gomathi, Associate Professor, and Department of Chemistry. Dr. P. Vijayalakshmi, Dean (FSH) inaugurated the session and has explained the objectives of workshop. The resource person Dr. K. Thiyagarajan, Assistant Professor, Department of Computer Science, PMIST had an interactive session about the significant role of artificial intelligence in the academic and research fields. He demonstrated the usage of Internet of things (IoT) and students engaged with hands on session on IoT based sensors and python programming in various interdisciplinary fields. Also he has explained the. A total number of 40 beneficiaries (PG students, research scholars and faculty members from the department of Chemistry, Physics and Mathematics) have actively participated, interacted and clarified their queries. The session was concluded with summary note and feedback by the participants.



The programme inaugurated by Dr. P.Vijayalakshmi and the resource person addressing the student participants



Hands on session on IoT using Arduino Software and various sensors.



Hands on Session on python program



Feedback given by the participants

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INSTITUTE OF SCIENCE & TECHNOLOGY
Established in 1982
Periyar Maniammai Institute of Science & Technology
Periyar Maniammai Institute of Science & Technology

One-week workshop on Fundamentals of Artificial Intelligence

Organized by Faculty of Science and Humanities

Date: 8.10.2024 Time: 2.30 pm – 3.30pm Venue: MAT Lab/ Education Block

Convener : Dr. P. Vijayalakshmi, Associate Professor & Dean (FSH)

Co-Convener: Dr. S. Gomathi, Assistant Professor (SG) & Deputy Director (CSAS)

PARTICIPANT LIST

S. No	Name	Class/ Branch	Signature
1.	S.SUKUMAR	M.Sc Chemistry	S. Sukumar
2.	K. SUDHARSON	" "	K. Sudharson
3	S. JayaSakthi	" "	S. JayaSakthi
4	Sakthi Thastunbanis	" "	Sakthi Thastunbanis
5	Rajallejan T.	" "	T. Rajallejan
6.	A. Aswin	Msc. physics	A. Aswin
7	A. Veerababu	Msc physics	A. Veerababu
8.	M. Chandru.	II. M, SC Chemist	M. Chandru.
9.	B. Bavithra	II - H.Sc., Chemistry	B. Bavithra

One - week workshop on Fundamentals of Artificial Intelligence

10	R. Jencya	II M.Sc - Chemistry	R. Jencya
11	R. Sumathi	II M.Sc., Chemistry	R. Sumathi
12	K. Kamavivanya	II M.Sc., Chemistry	R. Sumathi
13	M. Madhuvadhani	I M.Sc., Chemistry	M. Madhuvadhani
14	K.K. Sathya Praya	II M.Sc., Chemistry	R. Sumathi
15	B. Abinaya	II M.Sc. Chemistry	R. Sumathi
16	K. Kalavani	II M.Sc. Chemistry	R. Kalavani
17	A. Asma	II - M.Sc. Maths	A. Asma
18	M. Keerthana	II - M.Sc. Maths	M. Keerthana
19	V. Sri Lakshmi	II - M.Sc Physics	V. Sri Lakshmi
20	S. Kiruthikadevi	II - M.Sc Maths.	S. Kiruthikadevi
21	N. Gopika	II - M.Sc - Maths	N. Gopika
22	M. Sara Afrin	II M.Sc. Chemistry	M. Sara Afrin
23	S. Ponni	II M.Sc. Chemistry	S. Ponni
24	S.K. Kamalika	II M.Sc. Chemistry	S.K. Kamalika
25	V. Subashini	II M.Sc Mathematics	V. Subashini
26	M. Subhasree	II M.Sc Mathematics	M. Subhasree
27	M. Bhavadharani	II. M. Sc Mathematics	M. Bhavadharani
28	U. Syamaladevi	II. M. Sc Mathematics	U. Syamaladevi
29	K. Devadharini	II. M. Sc Mathematics	K. Devadharini
30	P. DIVYA MANOHARI	II. M. Sc. MATHEMATICS	P. Divya Manohari
31	M. Keerthana	II M.Sc Mathematics	M. Keerthana
32	K. USHA	II M.Sc Physics	K. Usha

One - week workshop on Fundamentals of Artificial Intelligence

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Established in the year 1982
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One-week workshop on Fundamentals of Artificial Intelligence

Organized by Faculty of Science and Humanities

Date: 09.10.2024 Time: 2.30 pm – 3.30pm Venue: MAT Lab/ Education Block

Convener : Dr. P. Vijayalakshmi, Associate Professor & Dean (FSH)

Co-Convener: Dr. S. Gomathi, Assistant Professor (SG) & Deputy Director (CSAS)

PARTICIPANT LIST

S. No	Name	Class/ Branch	Signature
1.	S. Kiruthikadevi	II - MSc Maths	S. Kiruthikadevi
2.	K.R. Sathya praja	II - M.Sc., chemistry	Sathya praja
3.	S. Ponni	II - Msc., chemistry	S. Ponni
4.	S.K. Kamalika	"	S.K. Kamalika
5.	R. Kalavani	II - Msc. Chemistry	R. Kalavani
6.	B. Abinaya	II Msc chemistry	B. Abinaya
7.	R. Ramavivanya	II - Msc chemistry	R. Ramavivanya
8.	M. Sara Afrin	II - Msc chemistry	M. Sara Afrin
9.	R. Sumathi	II - M.sc. chemistry	R. Sumathi

One - week workshop on Fundamentals of Artificial Intelligence

10.	M. Madhuvathani	II M.Sc. Chemistry	M. Radha
11.	T. Rajarajan	"	R. J.
12.	S. Jayasakthi	"	S. Jay.
13.	S. Sakthitharanan	"	Suff
14.	M. Chandrakanth	"	Ch.
15.	K. Sudharson	"	K. Sud.
16.	B. Bavithra	"	B. Bavithra
17.	M. Chandru.	II. M.Sc Chem	Ch.
18.	Rajarajan	"	T. Raj.
19.	Sukumar	"	S. Suk.
20.	A. Veerababu.	II - M.Sc Phy	A. Veer.
21.	A. Aswin	"	A. Aswin
22.	A. Harini	II. Msc Physics	A. Harini
23.	R. Prasanna Lakshmi	ii- Msc Physics	R. Prasanna
24.	A. Asma	II. M.Sc Mathematics	A. Asma
25.	M. Bhavadeharani	II. M.Sc Mathematics	M. Bhavadeharani
26.	M. Subhasree	"	M. Subhasree
27.	V. Subashini	II M.Sc Mathematics	V. Subashini
28.	U. Anjmaladevi	II M.Sc Mathematics	U. Anjmaladevi
29.	A. Janani	II M.Sc. Physics	A. Janani
30.	K. USHA	II M.Sc PHYSICS	K. Usha
31.	K. Devadharini	II. M.Sc Mathematics	K. Devadharini
32.	P. DIVYA MANDHARI	II. M.Sc. MATHEMATICS	P. Divya

33	M. Keerthana	II Msc Mathematics	M. Keerthana
34	R. Abinaya	II Msc physics	R. Abinaya
35	V. Sri Lakshmi	II Msc Physics	V. Sri Lakshmi
36	M. Nidhishree	Ph.D Scholar (Chem)	M. Nidhishree
37	A. R. Ravitha	" (Maths)	A. R. Ravitha
38	Dr. M. Mohana	Asst Chemistry	M. Mohana
39	Dr. Subasri	Asst Chemistry	Dr. Subasri
40	Dr. Manivannan.	Asst Chemistry	Dr. Manivannan.

Somni
9/10/2024
Co-Convenor.

P. Venkatesh
Convenor.

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One-week workshop on Fundamentals of Artificial Intelligence

Organized by Faculty of Science and Humanities

Date: 10.10.2024 Time: 2.30 pm – 3.30pm Venue: MAT Lab/ Education Block

Convener : Dr. P. Vijayalakshmi, Associate Professor & Dean (FSH)

Co-Convener: Dr. S. Gomathi, Assistant Professor (SG) & Deputy Director (CSAS)

PARTICIPANT LIST

S. No	Name	Class/ Branch	Signature
1.	K. USHA	M.Sc physics (II year).	K. Usha.
2.	A. Janani	M. Sc Physics (II year)	A. Janani
3.	M. Bhavadhasani	II. M.Sc Mathematics	M. Bhavadhasani
4.	M. Subhasri	II. M.Sc Mathematics	M. Subhasri
5.	V. Subashini	II. M.Sc Mathematics	V. Subashini
6.	A. Asma	II. M.Sc Mathematics	A. Asma
7.	S.K. Kamalika	II - M.Sc., chemistry	S.K. Kamalika
8.	S. Jaya Sakshi	II - M.Sc chemistry	S. Jaya Sakshi
9.	B. Balithra	II M.Sc chemistry	B. Balithra

One - week workshop on Fundamentals of Artificial Intelligence

10.	S. SOKUMAR	M.Sc Chemistry	S. Suku
11.	R. Jencya	M.Sc., Chemistry	R. Jencya
12.	M. Chandrakanthi	"	M. Chandrakanthi
13.	R. Kalavani	II MSc Chemistry	R. Kalavani
14.	B. Abinaya	II MSc Chemistry	B. Abinaya
15.	A. Aswin	II MSc Physics	A. Aswin
16.	Sakthi Tharun	II MSc CHE	Sakthi Tharun
17.	A. Veerababu.	II M.Sc physics	A. Veerababu.
18.	Raja Rajan T.	II MSc Chemistry	Raja Rajan T.
19.	U. Syamala devi	II MSc Maths	U. Syamala devi
20.	M. Keerthana	II M.Sc Maths	M. Keerthana
21.	K. Devadhari	II M.Sc Maths	K. Devadhari
22.	S. Kiruthi kadevi	II M.Sc Maths	S. Kiruthi kadevi
23.	M. Keerthana	II M.Sc Maths	M. Keerthana
24.	P. Divya Mandhari	II. M.Sc. MATHEMATICS	P. Divya Mandhari
25.	K.R. Sathya Priya	II - M.Sc., chemistry	K.R. Sathya Priya
26.	S. Ponni	II - M.Sc., chemistry	S. Ponni
27.	M. Sana Afreen	II - M.Sc., chemistry	M. Sana Afreen
28.	A. P. Muhammed Saharfi	III B.Sc "	A. P. Muhammed Saharfi
29.	Dr. A. Subhasri	AP / Chemistry	Dr. A. Subhasri
30.	Dr. N. Mohana	AP / Chemistry	Dr. N. Mohana
31.	Dr. G. Manikumar	AP / Chem	Dr. G. Manikumar
32.	A. R. Ravitha	Ph.D., Scholar (Maths)	A. R. Ravitha

One - week workshop on Fundamentals of Artificial Intelligence

Sponni
10/10/2024
Co-convenor.

Convenor.
P. S. Srinivasan

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Date : 14.10.2024 Time: 2.30 pm – 3.30pm Venue : MAT Lab/ Education Block

Convener : Dr. P. Vijayalakshmi, Asso. Prof & Dean (FSH)

Co-Convener: Dr. S. Gomathi, AP (SG) & Deputy Director (CSAS)

Participant List

S. No	Name	Class/ Branch	Signature
1.	K. Devadharini	II M.Sc Maths	K. Devadharini
2.	P. DIVYA MANOHARI	II M.Sc. MATHEMATICS	P. Divya
3.	S. Kiruthi kadevi	II - M.Sc Maths	S. Kiruthi kadevi
4.	N. GOPINA	"	N. Jitha
5.	M. Keerthana	"	M. Keerthana
6.	M. Madhu Vallani	II MSc Chemistry	M. Madhu
7.	R. Ramakrishna	II MSc Chemistry	R. Ramakrishna
8.	K. Sudharani	II MSc Chemistry	K. Sudharani
9.	B. Abinaya	II MSc Chemistry	B. Abinaya
10.	R. Kalavani	II MSc Chemistry	R. Kalavani
11.	M. Chandru	II MSc Chemist	M. Chandru

One week workshop on Fundamentals of Artificial Intelligence

12.	S. SOKUMAR	II. MSc chemistry	S. S. S.
13.	S. K. Kamalika	"	S. K.
14.	M. Sava Afrin	"	M. Sava Afrin
15.	S. Ponri	"	S. Ponri
16.	S. Sakshi Tharuman	"	S. Sakshi Tharuman
17.	K. R. Sathya priya	"	K. R. Sathya priya
18.	R. Jencya	"	R. Jencya
19.	R. Sumathi	"	R. Sumathi
20.	R. Raja Rajaraj	"	T. Rajaraj
21.	S. Sowmiya	"	S. Sowmiya
22.	B. Bavithra	"	B. Bavithra
23.	Sahaafi. A. R	III - B.sc., chemistry	Sahaafi
24.	V. Athithya	"	Athithya
25.	V. Dinesh Kumar	"	V. D.
26.	A. Asewin	II MSc physics	A. Asewin
27.	A. Veera babu.	II MSc Physics	A. Veera babu.
28.	V. Subashini	II M. Sc Maths	V. Subashini
29.	M. Bhavadharani	II. M. Sc Maths	M. Bhavadharani
30.	M. Jayamaladevi	II M. sc Maths	M. Jayamaladevi
31.	R. Prasanna Lakshmi	II M. Sc Physics	R. Prasanna Lakshmi
32.	V. Sri Lakshmi	II M. sc physics	V. Sri Lakshmi

One week workshop on Fundamentals of Artificial Intelligence

Co-Convenor
14/10/2024.

Convenor
Prof 15/10/24

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Date : 15.10.2024 Time: 2.30 pm – 3.30pm Venue : MAT Lab/ Education Block

Convener : Dr. P. Vijayalakshmi, Asso. Prof & Dean (FSH)

Co-Convener: Dr. S. Gomathi, AP (SG) & Deputy Director (CSAS)

Participant List

S. No	Name	Class/ Branch	Signature
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2.	P. DIVYA MANOHARI	II-M.Sc. MATHEMATICS	P. Divya
3.	S. Kouthikaderi	II - MSc maths	S. Kouthikaderi
4.	M. Keerthana	II - MSc maths	M. Keerthana
5.	N. GOPHA	"	N. Gopha
6.	K. Kamavivinya	II. M.Sc. Chemistry	K. Kamavivinya
7.	M. Madhukadani	II. Hsc / Chemistry	M. Madhukadani
8.	K. Sudhason	"	K. Sudhason
9.	B. Abinaya	"	B. Abinaya
10.	K. Kalavani	"	K. Kalavani
11.	R. R. Jency	"	R. R. Jency

One week workshop on Fundamentals of Artificial Intelligence

12.	R. Sumathi	II M.Sc. Chemistry	R. Sumathi
13	Jayasankhi . S	"	S. Jayasankhi
14	Rajalajan - T.	"	T. Rajalajan
15	A. Veerababu	II - M.Sc Physics	A. Veerababu
16.	A. Aswin	"	A. Aswin
17	S. Sukumar	II . M.Sc chemistry	S. Sukumar
18	Sikthi Thangavel	II MSc Chemistry	S. Thangavel
19	K. Venkateswari	III B.Sc chemy	K. Venkateswari
20	A.R. Muhammed Sahafi	" "	A.R. Muhammed Sahafi
21	V. Dhinesh Kumar	" "	V. Dhinesh Kumar
22.	M. Charubakanti.	II - M.Sc. Chemist	M. Charubakanti
23	Z. Mohamed Arief	II - MSc chemistry	Z. Mohamed Arief
24.	K.R. Sathya Praya	II - M.Sc., chemistry	K.R. Sathya Praya
25	M. Sasa Afrin	II - M.Sc., chemistry	M. Sasa Afrin
26.	S.K. Kamalika	II - M.Sc., chemistry	S.K. Kamalika
27.	P. Ponni	II - M.Sc., chemistry	P. Ponni
28.	M. Bhavatharani	II . M.Sc Maths	M. Bhavatharani
29	M. Subhasri	II . M.Sc Maths .	M. Subhasri
30	M. Keethana	II . M.Sc Maths	M. Keethana
31	U. Syamaladevi	II M.Sc Maths	U. Syamaladevi
32.	B. Bavithra	II MSc chemistry	B. Bavithra
33	S. Sowmya	II MSc chemistry	S. Sowmya
34	R. Prasanna Lakshmi	II Msc physics	R. Prasanna Lakshmi

One week workshop on Fundamentals of Artificial Intelligence

35	A. Harini	II. Msc physics	A. Harini
36	V. Sri Lakshmi	II. Msc physics	V. Sri Lakshmi
37	A.R. RAVITHA.	Research Scholar.	A. R. Ravitha
38	Dr. M. Mohana	Asst / chemistry	M. M.
39	P. Padmapriya	Research Scholar	P. Padmapriya

Shrini
15/10/24
Co-convenor

P. Uday
Convenor. 15/10/24