

<b>PATENT ODD SEM</b>						
<b>S. No.</b>	<b>Academic year</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Status</b>	<b>Topic</b>	<b>Organizer</b>
1	2022-23	Mr. R. Danu	23-09-2022	Published	Internet Based Novel Method for Decreasing Water Scarcity and To Monitor the Water Quality Management	INDIAN PATENT ADVANCED SEARCH SYSTEM
2	2022-23	Dr. S. Ravikumar	03-07-2022	Granted	IoT based Baby Cradle	INDIAN PATENT
3	2022-23	Dr. S. Ravikumar	03-07-2022	Granted	Infant Warmer	INDIAN PATENT

<b>PUBLICATION ODD SEM</b>						
<b>S. No.</b>	<b>Academic year</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Status</b>	<b>Topic</b>	<b>Organizer</b>
1	2022-23	Mr.R. Sanakranarayanan	05.04.2023	Published	Brain tumour detection and Classification using VGG 16	ICECONF 2023, (Scopus Indexed)
2	2022-23	Mr.P. Sirenjeevi	05.04.2023	Published	Leaf Disease Identification Using RESNET	ICECONF 2023, (Scopus Indexed)

<b>PUBLICATION EVEN SEM</b>						
<b>S. No.</b>	<b>Academic year</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Status</b>	<b>Topic</b>	<b>Organizer</b>
1	2022-23	Mr. R. Danu	10-02-2023	Scopus Indexed	Mitigating and Controlling Virtual Addiction through Web Forensics and Deep Learning (Book chapter)	River Publishers, Alsbjerg Vej 10, 9260 Aalborg, Denmark

<b>RESOURCE PERSON INTERNAL ODD SEM</b>						
<b>S. No.</b>	<b>Academic year</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Category</b>	<b>Topic</b>	<b>Organizer</b>
1	2022-23	Dr.R. Thenmozhi	26/08/2022	FDP	Video Analytics in Computer Vision	SRMIST, Kattankulathur

<b>RESOURCE PERSON INTERNAL EVEN SEM</b>						
<b>S. No.</b>	<b>Academic year</b>	<b>Faculty Name</b>	<b>Date</b>	<b>Category</b>	<b>Topic</b>	<b>Organizer</b>
1	2022-23	Dr.R. Thenmozhi	13/01/23	FDP	Image Enhancement techniques	DEPT. OF AI&DS,SRMV EC
2	2022-23	Dr.R. Thenmozhi	16.06.23	FDP	VIRTUAL REALITY STREAMING	DEPT. OF AI&DS,SRMV EC

# SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

SRM Nagar Kattankulathur – 603203.

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

### Staff Activities

#### PATENT

S. No.	ACY	Faculty Name	Date	Status	Topic	Organizer
1	2021-2022	Dr.S.Jeyalakshmi, <i>A.P</i>	Jan 2022	Journal	Random Forest-Based Oppositional Henry Gas Solubility Optimization Model for Service Attack Improvement in WSN	The Institution of Engineers (series B) –Springer(Scopus and UGI carelist)

#### PUBLICATION

S. No.	ACY	Faculty Name	Date	Status	Topic	Organizer
1	2021-2022	Dr.S.Jeyalakshmi, <i>A.P</i>	July 2021	Patent Published	Multi Sensory Input Data Exchange by Virtual Reality Over 5G-Publication Date : 16/07/2021. Application No: 202141030897	Indian Patent

### RESOURCE PERSON-INTERNAL

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
1.	2020-2021	Dr.S.Jeyalakshmi, A.P	24 <sup>th</sup> May 2021 & 25 <sup>th</sup> May 2021	Online FDP	Linear Data Structures & Searching ,Sorting and Hashing Techniques	SRM Valliammai Engineering College
2.			23 <sup>rd</sup> December 2020	FDP	<b>Parsers: Overview</b> in the FDP titled “Compiler optimization with computational intelligence & cyber security”	SRM Valliammai Engineering College
3.			8 <sup>th</sup> August 2020	Webinar	Hacking and its Preventive Techniques (Hands on Session)	SRM VEC CSI STUDENT BRANCH

### CERTIFICATION-NITTR

S.No.	Academic Year	Faculty Name	Month	Organizer	Modules Completed
1.	2020-2021	Dr.S.Jeyalakshmi,A.P	March 2021	NITTR	Module 1
2.		Ms.K.Mohanambal,A.P			Module 1
3.		Mr.M.Kavinkumar,A.P			Module 1

## CERTIFICATION-ATAL

S. No.	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
1	2020-2021	Dr.S.Jeyalakshmi , <i>A.P</i>	15 <sup>th</sup> June 2021 to 19 <sup>th</sup> June 2021	Online FDP ATAL	Innovation in Telemedicine in Rural India enabled by advancements in Artificial Intelligence, Medical Devices and Internet of Things.	R.M.K engineering College
2			21 <sup>st</sup> June 2021 to 25 <sup>th</sup> June 2021	Online FDP ATAL	Quantum Computing	Government College of Engineering
3		Mr.M.Kavinkumar, <i>A.P</i>	21 <sup>st</sup> June 2021 to 25 <sup>th</sup> June 2021	Online FDP ATAL	Quantum Computing	Government College of Engineering
4		Ms.K.Mohanambal, <i>A.P</i>	14 <sup>th</sup> June 2021 to 18 <sup>th</sup> June 2021	Online FDP ATAL	Actuarial Science Applications	Amal Jyothi College of Engineering
5			21 <sup>st</sup> June 2021 to 25 <sup>th</sup> June 2021	Online FDP ATAL	System Engineering	Maulana Azad National Institute of Technology Bhopal