



# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Kaikkurichi, Pudukkottai – 622 303

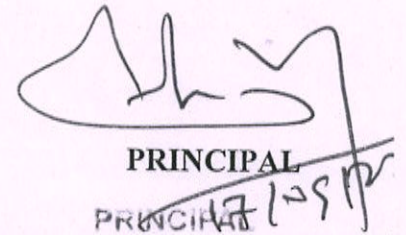
ACADEMIC YEAR (2022-2023) / ODD SEMESTER

## CIRCULAR

Date: 17.09.2022

One day Online Research Methodology Seminar on “**Artificial Intelligence and Machine Learning in Engineering Research**” will be organized by Department of Computer Science and Engineering on **Tuesday, 20<sup>th</sup> September 2022**. All II,III & IV Year CSE students are instructed to join the event through Google Meet at **9.45A.M**

Link: [:meet.google.com/qui-wxph-zev](https://meet.google.com/qui-wxph-zev)



PRINCIPAL  
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SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303,  
PUDUKKOTTAI DISTRICT

Cc:

- HoD/CSE & Faculty Members
- All II,III & IV Year B.E CSE classes
- IQAC Coordinator.
- Notice board.
- Office File.



Dr. **S.THILAGAVATHI M.E., Ph.D.**  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.



# SRI BHARATHI

## ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE-New Delhi, Affiliated to Anna University-Chennai, India)

Kaikkurichi, Pudukkottai – 622 303

Website: [www.sbec.edu.in](http://www.sbec.edu.in)

Email: [sribharathienggcollege@gmail.com](mailto:sribharathienggcollege@gmail.com)



### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

*Cordially invites you for the*

*Research Methodology Online Seminar*

*on*

**“ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN  
ENGINEERING RESEARCH”**

*By*

**Dr. N. Krishnaraj**

Assistant Professor Senior Grade,  
Vellore Institute of Technology, Vellore

*on Thursday, 20<sup>th</sup> September 2022 at 10.00A.M.*

**Shri. G. Dhanasekaran**

Chairman, Sri Bharathi Educational Institutions

*Will Preside*

**Dr. S .Thilagavathi, Principal, SBECW**

&

**Shri. Er. N. Kanagarajan, Correspondent, SBECW**

*Will offer felicitation*

**Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL**

**SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN**

**Kaikkurchi - 622 303, Pudukkottai Dt.**

## AGENDA



**Date** : 20.09.2022 -TUESDAY  
**Time** : 10.00 am  
**Venue** : (ONLINE/GOOGLE MEET)  
**Link:** : [meet.google.com/qui-wxph-zev](https://meet.google.com/qui-wxph-zev)

**Welcome Address** : **Ms.B.Fahmidha**  
IV Year – CSE, SBECW.


**Introduction of the  
Resource Person** : **MsP.Subha,HoD/CSE**

**Session 1  
(FN)** : **AI and ML techniques in engineering  
research .**

**Session 2  
(AN)** : **Application of supervised and unsupervised  
algorithms in research.**

**Vote of Thanks** : **Ms. J.RilwanaParveen**  
IV Year – CSE, SBECW.



  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

(ACADEMIC YEAR(2022-2023-ODD EMESTER)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Research Methodology Online Seminar on

“Artificial Intelligence and Machine Learning in Engineering Research”

## STUDENT PARTICIPATION LIST

DATE:20.09.2022

Sl. No.	Register Number	Name	Year
1.	912619104001	ANNAPOORANI M	IV/CSE
2.	912619104003	ARUNNAVAMEENA A	IV/CSE
3.	912619104004	DAYANA P	IV/CSE
4.	912619104005	DHARSHINI D	IV/CSE
5.	912619104007	FAHMIDHA B	IV/CSE
6.	912619104009	GULNAS FATHIMA S	IV/CSE
7.	912619104010	HELAN J	IV/CSE
8.	912619104011	KEERTHANA R	IV/CSE
9.	912619104012	MUTHULAKSHMI G	IV/CSE
10.	912619104013	MUTHU MEENAKSHI M	IV/CSE
11.	912619104017	PARAMESHWARI S	IV/CSE
12.	912619104019	RANJANI K	IV/CSE
13.	912619104020	RILWANA PARVEEN J	IV/CSE
14.	912619104021	ROOPINA R	IV/CSE
15.	912619104022	SANDHIYA B	IV/CSE
16.	912619104023	SANTHI D	IV/CSE
17.	912619104027	SNEHA R	IV/CSE

  
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18.	912619104029	SURIYA JOTHI S	IV/CSE
19.	912619104301	ABINAYA S	IV/CSE
20.	912620104001	AKALYA S	III/CSE
21.	912620104002	HEMA V	III/CSE
22.	912620104004	KALAIVANI S	III/CSE
23.	912620104005	KALPANA K	III/CSE
24.	912620104007	MEIYYAMMAL M	III/CSE
25.	912620104008	NANDHINI P	III/CSE
26.	912620104009	PRASANNA DEVI P	III/CSE
27.	912620104010	PRISHIYA E	III/CSE
28.	912620104012	ROSAMMAL M	III/CSE
29.	912620104013	ROSHIKA K	III/CSE
30.	912620104014	SABHA AYSHA S	III/CSE
31.	912620104015	SATHIYASRI P	III/CSE
32.	912620104016	SIVAGAMI D	III/CSE
33.	912620104017	SIVAHARINI S	III/CSE
34.	912620104018	SUBASHINI C	III/CSE
35.	912620104019	SUBASHINI M	III/CSE
36.	912620104021	VANATHI T	III/CSE
37.	912620104022	VINCIYA MARY S	III/CSE
38.	912621104001	ABINAYA K	II/CSE
39.	912621104002	AMEERA N	II/CSE
40.	912621104003	ANJUGAM C	II/CSE

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41.	912621104004	ARUNDATHI S	II/CSE
42.	912621104005	ASHIKA B	II/CSE
43.	912621104006	DIVYA T	II/CSE
44.	912621104007	ELACKIYA G	II/CSE
45.	912621104008	GAYATHRI K	II/CSE
46.	912621104009	GEETHA M	II/CSE
47.	912621104010	HARSHITHA P	II/CSE
48.	912621104011	ISHWARYA S	II/CSE
49.	912621104012	JANANI R	II/CSE
50.	912621104015	LAVANYA S	II/CSE
51.	912621104016	MAHASREE P	II/CSE
52.	912621104018	PRIYA M	II/CSE
53.	912621104021	SAHEENA BEGAM A	II/CSE
54.	912621104022	SASIPRIYA R	II/CSE
55.	912621104023	SHAMIMA P	II/CSE
56.	912621104024	SHEERA BANU A	II/CSE
57.	912621104025	SIVAJOTHIKA S	II/CSE
58.	912621104027	SUBHA DHARSHINI S	II/CSE
59.	912621104028	SUBIKSHA S	II/CSE
60.	912621104029	VINITHA K	II/CSE
61.	912621104030	VISALATCHI S	II/CSE
62.	912621104301	VAISHNAVI .B	II/CSE
63.	912621104302	VISHNU PRIYA. A	II/CSE

**Dr. S.THILAGAVATHI M.E., Ph.D.,**

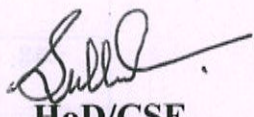
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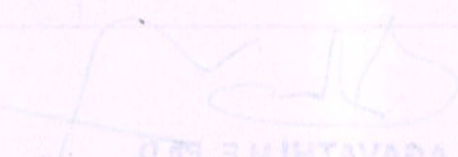
Kaikkurchi - 622 303, Pudukkottai Dt.

64.	912621104701	AARTHI. S	II/CSE
65.	912621104702	SWATHI. A.R	II/CSE

  
**PROGRAM COORDINATOR**

  
**HoD/CSE**  
**HOD / CSE**  
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 PUDUKKOTTAI - 622 303

  
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(ACADEMIC YEAR(2022-2023-ODDSEMESTER)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Research Methodology Online Seminar on

## “Artificial Intelligence and Machine Learning in Engineering Research”

### ATTENDANCE REPORT

DATE:20.09.2022

Sl. No.	Register Number	Name	Year	Signature
1.	912619104001	ANNAPOORANI M	IV/CSE	Annapoorni M.
2.	912619104003	ARUNNAVAMEENA A	IV/CSE	Arunnavameena A
3.	912619104004	DAYANA P	IV/CSE	Dayana P.
4.	912619104005	DHARSHINI D	IV/CSE	Dharshini D.
5.	912619104007	FAHMIDHA B	IV/CSE	Fahmidha B.
6.	912619104009	GULNAS FATHIMA S	IV/CSE	Gulnas Fathima S.
7.	912619104010	HELAN J	IV/CSE	Helan J.
8.	912619104011	KEERTHANA R	IV/CSE	Keerthana R.
9.	912619104012	MUTHULAKSHMI G	IV/CSE	Muthulakshmi G.
10.	912619104013	MUTHU MEENAKSHI M	IV/CSE	Muthu Meenakshi M.
11.	912619104014	NIROSHIKA R	IV/CSE	ABSENT
12.	912619104017	PARAMESHWARI S	IV/CSE	Parameswari S.
13.	912619104019	RANJANI K	IV/CSE	Ranjani K.
14.	912619104020	RILWANA PARVEEN J	IV/CSE	Rilwana Parveen J.
15.	912619104021	ROOPINA R	IV/CSE	Roopina R.
16.	912619104022	SANDHIYA B	IV/CSE	Sandhya B.
17.	912619104023	SANTHI D	IV/CSE	Santhi D.

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18.	912619104024	SARANYA C	IV/CSE	ABSENT
19.	912619104027	SNEHA R	IV/CSE	Sneha R
20.	912619104029	SURIYA JOTHI S	IV/CSE	Suriyaji S.
21.	912619104301	ABINAYA S	IV/CSE	S. Abinaya
22.	912620104001	AKALYA S	III/CSE	S. Akalya
23.	912620104002	HEMA V	III/CSE	Hema V
24.	912620104004	KALAIVANI S	III/CSE	Kalaivani S
25.	912620104005	KALPANA K	III/CSE	Kalpana K
26.	912620104007	MEIYYAMMAL M	III/CSE	M. Meiyammal
27.	912620104008	NANDHINI P	III/CSE	P. Nandhini
28.	912620104009	PRASANNA DEVI P	III/CSE	P. Prasnna
29.	912620104010	PRISHIYA E	III/CSE	P. Prishya
30.	912620104012	ROSAMMAL M	III/CSE	M. Rosammal
31.	912620104013	ROSHIKA K	III/CSE	K. Roshika
32.	912620104014	SABHA AYSHA S	III/CSE	S. Sabha
33.	912620104015	SATHIYASRI P	III/CSE	P. Sathiyasri
34.	912620104016	SIVAGAMI D	III/CSE	D. Sivagami
35.	912620104017	SIVAHARINI S	III/CSE	S. Sivaharini
36.	912620104018	SUBASHINI C	III/CSE	C. Subashini
37.	912620104019	SUBASHINI M	III/CSE	M. Subashini
38.	912620104020	SWETHA D	III/CSE	ABSENT
39.	912620104021	VANATHI T	III/CSE	T. Vanathi
40.	912620104022	VINCIYA MARY S	III/CSE	S. Vinciya

  
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41.	912620104304	VAISHNAVI R	III/CSE	ABSENT
42.	912621104001	ABINAYA K	II/CSE	K. Abinaya
43.	912621104002	AMEERA N	II/CSE	Ame
44.	912621104003	ANJUGAM C	II/CSE	C. Anif.
45.	912621104004	ARUNDATHI S	II/CSE	S. Anif.
46.	912621104005	ASHIKA B	II/CSE	Ashika B.
47.	912621104006	DIVYA T	II/CSE	T. Divya
48.	912621104007	ELACKIYA G	II/CSE	G. Enif.
49.	912621104008	GAYATHRI K	II/CSE	K. Gayathri
50.	912621104009	GEETHA M	II/CSE	Geetha
51.	912621104010	HARSHITHA P	II/CSE	P. Harshitha
52.	912621104011	ISHWARYA S	II/CSE	S. Ishwarya
53.	912621104012	JANANI R	II/CSE	R. Janani
54.	912621104015	LAVANYA S	II/CSE	S. Lavanya
55.	912621104016	MAHASREE P	II/CSE	P. Mahasree
56.	912621104018	PRIYA M	II/CSE	M. Priya
57.	912621104019	RABIKA R	II/CSE	ABSENT
58.	912621104021	SAHEENA BEGAM A	II/CSE	A. Saheena begam.
59.	912621104022	SASIPRIYA R	II/CSE	R. Sasipriya
60.	912621104023	SHAMIMA P	II/CSE	P. Shamima
61.	912621104024	SHEERA BANU A	II/CSE	A. Sheera banu
62.	912621104025	SIVAJOTHIKA S	II/CSE	S. Sivajothika
63.	912621104026	SIVAPRIYA R	II/CSE	ABSENT

  
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64.	912621104027	SUBHA DHARSHINI S	II/CSE	<i>S. Subha</i>
65.	912621104028	SUBIKSHA S	II/CSE	<i>S. Subiksha</i>
66.	912621104029	VINITHA K	II/CSE	<i>K. Vinitha</i>
67.	912621104030	VISALATCHI S	II/CSE	<i>S. Visalatchi</i>
68.	912621104301	VAISHNAVI .B	II/CSE	<i>Vaishnavi B</i>
69.	912621104302	VISHNU PRIYA. A	II/CSE	<i>A. Vishnu Priya</i>
70.	912621104701	AARTHI. S	II/CSE	<i>S. Arathi</i>
71.	912621104702	SWATHI. A.R	II/CSE	<i>A.R. Swathi</i>

Total no. Students registered : 71

Total no. Students present : 65

Total no. Students absent : 06

*M. P. J.*

**PROGRAM COORDINATOR**

*S. Subha*

**HoD/CSE**

**HOD / CSE**

**SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303**

*S. Thilagayathi*  
**Dr. S. THILAGAYATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.**

*S. Thilagayathi*  
**Dr. S. THILAGAYATHI M.E., Ph.D.,  
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Kaikkurichi - 622 303, Pudukkottai Dt.**



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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

## REPORT OF THE PROGRAM

1	Program Name	: Online Research Methodology Seminar on "Artificial Intelligence and Machine Learning in Engineering Research"
2	Date of program	: 20.09.2022
3	Resource person	<b>Dr.N.Krishnaraj</b> : Assistant Professor Senior Grade, Vellore Institute of Technology, Vellore .
4	Participants	: 65
5	Objective of program	: The main objective of the seminar is to encourage the students to enrich knowledge on innovative AI and ML solutions that can enhance various aspects of Engineering research, such as design, analysis, optimization, and decision-making.
6	Program Description	: One day Online Research Methodology Seminar started with a welcome address by Ms. B. Fahmidha, IV year student of the CSE Department and the introduction of the chief guest by Ms. P. Subha, HoD of the CSE department. 65 students attended the seminar. In the forenoon session the resource person explained the basics of AI and ML, described its applications and the importance of Machine learning in AI and supervised & unsupervised learning algorithms with some real-time examples. In the afternoon session, demonstration of some important supervised learning algorithms like support-vector machines, linear and logistic regression were addressed and followed by the importance of AIML in Engineering research. All the participants got the clear idea about the topic. It was an interactive session. The session ended with a vote of thanks by Ms. J. Rilwana Parveen, IV-year student of the Computer Science and Engineering Department.
7	Outcome of this program	: <b>At the end of this program, the student will be able to</b> <ul style="list-style-type: none"><li>• Gain knowledge in Machine learning in AI</li><li>• Build supervised and unsupervised algorithms.</li></ul>

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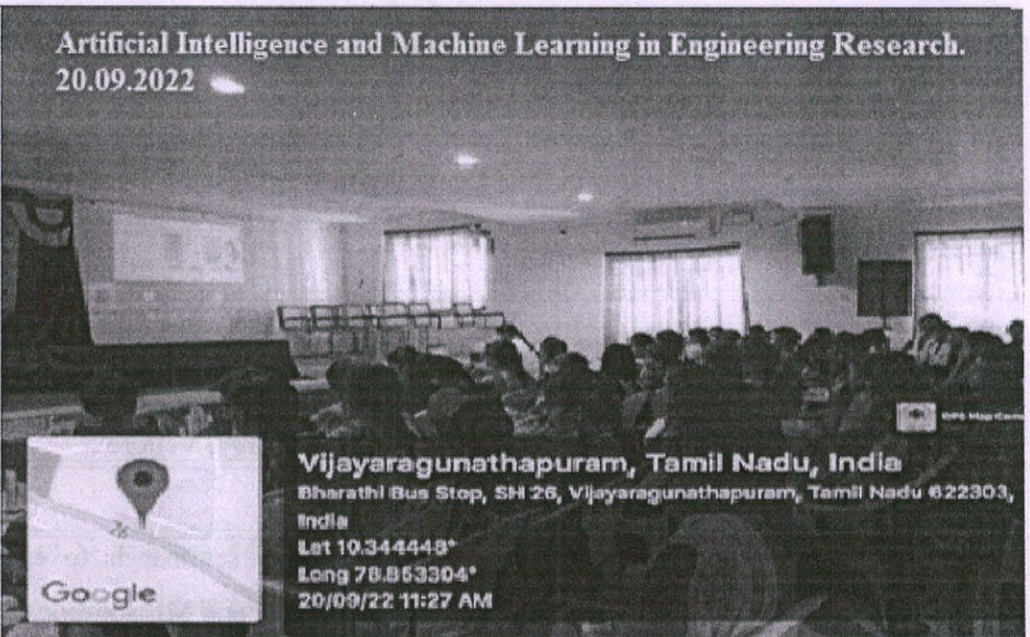

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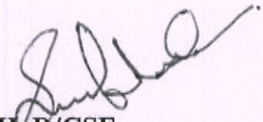
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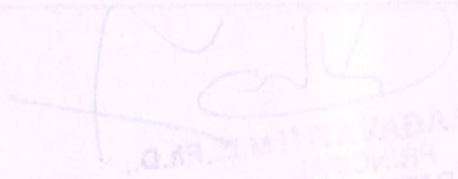
8 Photo	<p>Artificial Intelligence and Machine Learning in Engineering Research. 20.09.2022</p>  <p>Vijayaragunathapuram, Tamil Nadu, India Bharathi Bus Stop, SHI 26, Vijayaragunathapuram, Tamil Nadu 622303, India Lat 10.344448° Long 78.853304° 20/09/22 11:27 AM</p> 
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PROGRAM COORDINATOR

  
HOD/CSE

HOD / CSE  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303

  
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Kaikkurichi

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(Approved by AICTE | Affiliated to Anna University)

KAIKKURICHI, PUDUKKOTTAI-622303



*DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING*

## CERTIFICATE OF PARTICIPATION

This is to certify that Ms. ANNAPOORANI.M ,IV CSE  
of Sri Bharathi Engineering College for Women has participated in one  
day Online Research Methodology seminar on “**Artificial Intelligence and Machine  
Learning in Engineering Research**” organized by Department of Computer Science  
and Engineering on 20<sup>th</sup> September 2022 during the academic year 2022-2023.

HoD/CSE

Dr. S.THILAGAVATHI M.E., Ph.D.  
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KAIKKURICHI, PUDUKKOTTAI-622303



*DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING*

## **CERTIFICATE OF PARTICIPATION**

This is to certify that VANATHI T ,III CSE of Sri Bharathi Engineering College for Women has participated in one day Online Research Methodology seminar on “Artificial Intelligence and Machine Learning in Engineering Research” organized by Department of Computer Science and Engineering on 20<sup>th</sup> September 2022 during the academic year 2022-2023.

HoD/CSE

Dr. S. THILAGAVATHI M.E., Ph.D.,  
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SRI BHARATHI ENGINEERING  
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*DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING*

## **CERTIFICATE OF PARTICIPATION**

This is to certify that AMEERA N ,II CSE of Sri Bharathi Engineering College for Women has participated in one day Online Research Methodology seminar on “Artificial Intelligence and Machine Learning in Engineering Research” organized by Department of Computer Science and Engineering on 20<sup>th</sup> September 2022 during the academic year 2022-2023.

HoD/CSE

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