

About the College

The visionary Philanthropists of Sri Vidya Mandir Higher Educational Trust started Sri Vidya Mandir Arts and Science College in Uthangarai in the year 2000 with a noble aim of uplifting the economically and educationally backward districts of Dharmapuri and Krishnagiri into the number one educational destination in TamilNadu. The College is surrounded by the culturally rich pilgrimage centers Hanumantheertham (2 Km) and Theerthamalai (15 Km) associated with the famous Epic, the Ramayana.

The College is well - connected with nearby cities and is located in the Salem - Vellore state highways. Currently the College has attained the strength of more than 3500 Students, 124 Faculty Members, 90 Non-Teaching staffs. Our College secured highest CGPA score in NAAC ('A' Grade, 3.27/4.00) among the Periyar University Affiliated Colleges in the first cycle and also recognized with the same till the year of 2025. Now our college has been accomplished with the status of Autonomous in the current academic year.

About the Department

The Department of Computer Science & Applications had its inception in the year 2000. During its seedling the Department had only 20 students. But now has a Himalayan victory, the Department stands majestic by having around 700 students. Every year the Department produces well appreciable results including ranks. So far the department produced 9 Gold Medals and 65 Ranks.

The students of Computer Science and Applications participated in various college events and they always come out with flying colours. All the students of Computer Science & Applications find their Job opportunities in well reputed concerns. Apart from academic excellence, the students show active participation in all extracurricular activities. All the students play a vital role for the betterment of society in all grounds.

About the ICMLNIS

The main aim of this International Conference is to showcase the machine learning and neural system in our computerized world. This conference is the right forum for the researches, academicians, students and speakers to present their work in theory or implementations. This conference include invited talks, technical discussions and paper presentations.

Call for Papers:

- ✓ Data Mining
- ✓ Artificial Intelligence
- ✓ Machine learning
- ✓ Network Security
- ✓ Information Systems
- ✓ Image Processing
- ✓ Software Engineering
- ✓ IoT

Authors are requested to send the abstract with minimum of 250 words in the prescribed format.

(Font: Times New Roman, Size -12, and 1.5 lines spacing) to the icmlnis2021@gmail.com

Last date of Abstract submission : 05 - 03 - 2021

No Registration Fee

Registration Link : <https://forms.gle/vKUpm3wuASb6gDSz9>

For Contact : M.Pandiaraj : 9789815265 , J.Albunskuba : 9943214368



INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND NEURAL INFORMATION SYSTEMS (ICMLNIS – 2021)

18th and 19th March 2021

Organized by

**PG & RESEARCH DEPARTMENT OF
COMPUTER SCIENCE & APPLICATIONS**

**SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE
(AUTONOMOUS)**

Accredited by NAAC with A Grade [3.27]

Recognized 2(f) & 12(B) Under UGC Act of 1956

**KATTERI, UTHANGARAI, KRISHNAGIRI - DT
TAMIL NADU , INDIA - 636 902**

Organising Committee

- Chief Patron** : **Thiru.V.Chandrasekaran**
Founder , SVM Group of Institutions , Uthangarai
- Patrons** : **Thiru.R.P.Rajee**
Secretary , SVM Arts & Science College , Uthangarai
- Thiru.K.Venkatachalam**
Additional Secretary , SVM Arts & Science College , Uthangarai
- Chairmans** : **Dr.T.Balasubramanian.,M.Sc.,M.Phil.,Ph.D.,**
Principal , SVM Arts & Science College , Uthangarai
- Dr.N.Gunasekaran., M.A.,M.Phil.,Ph.D.,**
Vice-Principal , SVM Arts & Science College , Uthangarai
- Convener** : **Mrs.D.Kavitha., M.Sc.,MPhil.,SET.,(Ph.D)**
Head, Department of CS & BCA
- Organizing Secretaries** : **Mr.K.Sridharan., M.C.A.,M.Phil.,SET.,(Ph.D)**
Assistant Professor , Department of CS & BCA.
- Mr.G.Ramanan.,M.C.A.,M.Phil.,**
Assistant Professor , Department of CS & BCA.

Organizing Committee Members

C.Rajagopal	Assistant Professor	J.Albunskuba	Assistant Professor
C.Prabu	Assistant Professor	N.Sriram	Assistant Professor
R.Jayalakshmi	Assistant Professor	M.Neelamegan	Assistant Professor
M.Pandiaraj	Assistant Professor	S.Kavitha	Assistant Professor
R.Kaviyarasi	Assistant Professor	S.Manigandan	Assistant Professor
B.Harikrishnan	Assistant Professor	N.Elaventhana	Assistant Professor
V.Thirumalai	Assistant Professor	S.Suganya	Assistant Professor
M.Anbarasan	Assistant Professor	R.Bhuvaneshwari	Assistant Professor
N.Selvakumari	Assistant Professor	C.Swetha	II - M.Sc (CS)
S.Manojkumar	III - B.Sc (CS)	K.Janani	III - BCA

KEYNOTE SPEAKERS



Dr. Sujatha Krishnamoorthy, M.C.A., M.Phil., Ph.D.,
Associate Professor, Department of Computer Science and Technology,
Wenzhou Kean University, Zhejiang Province , Wenzhou
Topic : Application of Machine Learning in Medical Imaging

Dr. Balamurugan Easwaran, M.Sc., M.Phil., Ph.D.,
Faculty of Basics and Applied Sciences , University of Africa,
Bayesla State , Nigeria
Topic : Machine Learning Applications for Healthcare



Dr.Adhiyaman Manickam, Ph.D.,
Researcher, Research Institute for Future Media Computing
Shenzhen University , China
Topic : Generative Adversarial Network in Image Analysis

Dr. H. Hannah Inbarani, M.Sc., M.Phil., Ph.D.,
Assistant Professor , Department of Computer Science
Periyar University, Salem.
Topic : Artificial Intelligence Techniques



Dr.K. Akilandeswari., M.Sc., M.Phil., Ph.D.,
Associate Professor , Department of Computer Science
Government Arts College (Autonomous), Salem.
Topic : Technology Trends in Computer Vision

Dr.M.Inbavalli., M.Sc.,MCA.,M.Phil.,Ph.D.,
Principal , Marudhar Kesari Jain College for Women, Vaniyambadi.
Topic : Artificial Intelligence and Machine Learning



Programme Schedule

Day - I (18 - 03 - 2021)	
Time	Session
9.30	Inaugural Function
10.15 - 11.15	Dr. H. Hannah Inbarani : Topic : Artificial Intelligence Techniques
11.30 - 12.30	Dr. Balamurugan Easwaran : Topic : Machine Learning Applications for Healthcare
1.15 - 2.45	Paper Presentation
3.00 - 4.00	Dr.K. Akilandeswari : Topic : Technology Trends in Computer Vision
Day - II (19- 03 - 2021)	
10.00 - 11.00	Dr. Sujatha Krishnamoorthy : Topic : Application of Machine Learning in Medical Imaging
11.15 - 12.15	Dr.Adhiyaman Manickam : Topic : Generative Adversarial Network in Image Analysis
1.00 - 2.00	Paper Presentation
2.00 - 3.00	Dr.M.Inbavalli : Topic : Artificial Intelligence and Machine Learning
3.15 - 4.15	Valedictory



SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE

(AUTONOMOUS)

[Affiliated to Periyar University, Salem]

[Accredited by NAAC with “A” Grade [3.27]]

[Recognized 2(f) & 12(B) under UGC Act of 1956]

VIGNESH NAGAR, KATTERI, UTHANGARAI-636 902

KRISHNAGIRI (DT), TAMIL NADU

PG & Research Department of Computer Science & Department of Computer Applications

Online International Conference on Machine Learning and Neural Information Systems (ICMLINS -2021)

International Conference Report

The PG and Research Department of Computer Science and Department of Computer Applications organized Two days International Conference on “Machine Learning and Neural Information Systems” on 18th and 19th March 2021 through Online.

On first day of International Conference 18th March 2021, Inaugural function starts at 9.30 am. Mrs D. Kavitha, Head, PG & Research Department of Computer Science & Applications gave welcome speech. Next, the felicitation is done by Thiru. R. P. Rajee, Secretary, Dr. T. Balasubramanian, Principal, Sri Vidya Mandir Arts & Science College and Dr. N. Gunasekaran, Vice- Principal, Sri Vidya Mandir Arts & Science College.

The session 1 starts at 10.15 am. The keynote speaker for this session is Dr. Hennah Inbarani, Assistant Professor, Department of Computer Science, Periyar University, Salem. She delivered a lecture on Artificial Intelligence Techniques.

The session 2 starts at 11.30 am. The keynote speaker is Dr. Balamurugan Easwaran, Faculty of Basics and Applied Sciences, University of Africa, Nigeria. He addressed on Machine Learning Applications for Health Care.

From 1.15 to 2.45 pm, paper presentation is done. Participants from various colleges have presented their research papers. The Chair person is Dr. R. Rajesh Kanna, Head, Department of IT, Dr. NGP College, Coimbatore.

The session 3 starts at 3.00 Pm and the keynote speaker is Dr. K. Akilandeswari, Associate Professor, Department of Computer Science, Government Arts College (Autonomous), Salem. She delivered a lecture on Technology Trends in Computer Vision.

On second day of International Conference 19th March 2021, the session 4 starts at 10 am and the keynote speaker is Dr. Sujatha kirshnamoorthy, Assistant professor, department of CS and Technology, Wenzhou Kean University, Wenzhou. She addressed on Applications of Machine Learning in Medical Imaging.

Session 5 starts at 11.15 am and the keynote speaker is Dr. Adhiyaman Manickam, Researcher, Research Institute for Future Media Computing, Shenzhen University, China. He addressed on Generative Adversarial Network in Image Analysis.

Participants from various colleges have presented their research papers in paper presentation session (1-2 pm). The Chair person is Dr. R. Rajesh Kanna, Head, Department of IT, Dr. NGP College, Coimbatore.

Session 6 starts at 2 pm and the keynote speaker is Dr. M. Inbavalli, Principal, Marudhar Kesari Jain College for Women, Vaniyambadi. She delivered a lecture on Artificial Intelligence and

Machine Learning (ICMLNIS – 2021) saw the convergence of students, research scholars and Faculties from various institution and universities in which sharing of knowledge, exchange of ideas and research findings were discussed.

The valedictory function starts at 3 pm. The welcome address is given by Mrs. R. Jayalakshmi, Assistant Professor, PG & Research Department of Computer Science & Department of Computer Applications. Next, the felicitation is given by Thiru. R. P. Rajee, Secretary, Dr. T. Balasubramanian, Principal, Sri Vidya Mandir Arts & Science College. Mrs D. Kavitha, Head, PG & Research Department of Computer Science & Department of Computer Applications read the conference report. Finally the conference end with vote of thanks given by Mr. G. Ramanan, Assistant Professor, PG & Research Department of Computer Science & Department of Computer Applications

150 participants from 8 states (Kerala, Karnataka, Telungana, Madhya Pradesh, Uttar Pradesh, Maharashtra, Punjab and West Bengal) were participated, 85 abstracts were received and around 60 participants had presented in the conference.

Machine Learning and Neural Information Systems highlights the presentation of new trends, advances and research in all areas of Machine Learning.

The conference strives to make impact on research, especially with technology, researchers to make new and something surprising discoveries that advance the field.

Photo Galley



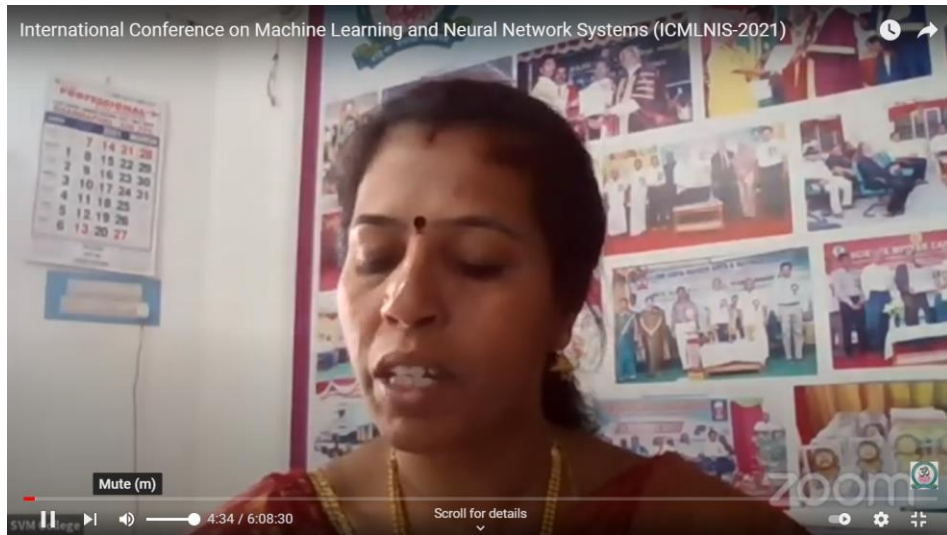
Felicitation by Secretary Thiru R.P.Rajee



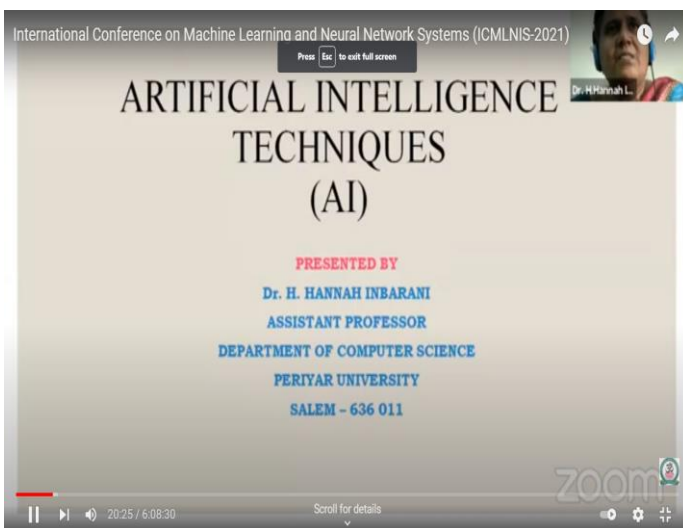
Felicitation by Principal Dr T.Balasubramanian



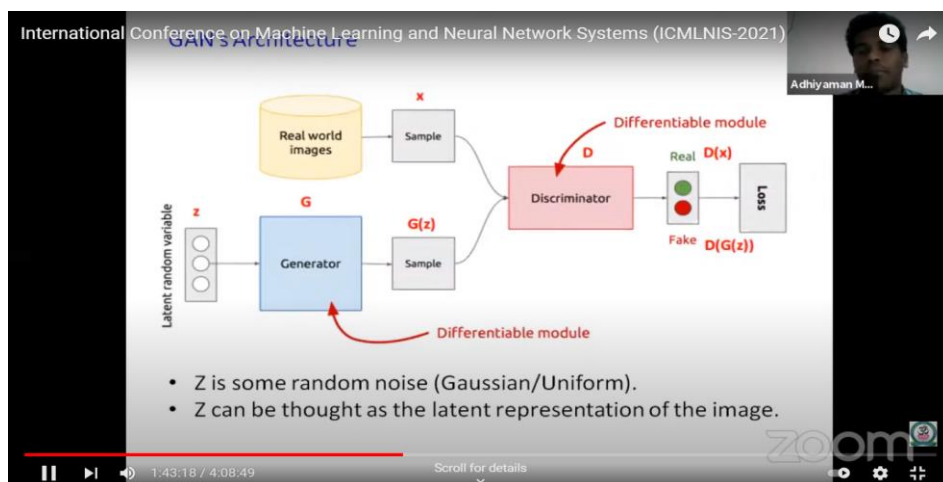
Felicitation by Vice Principal Dr N.Gunasekaran



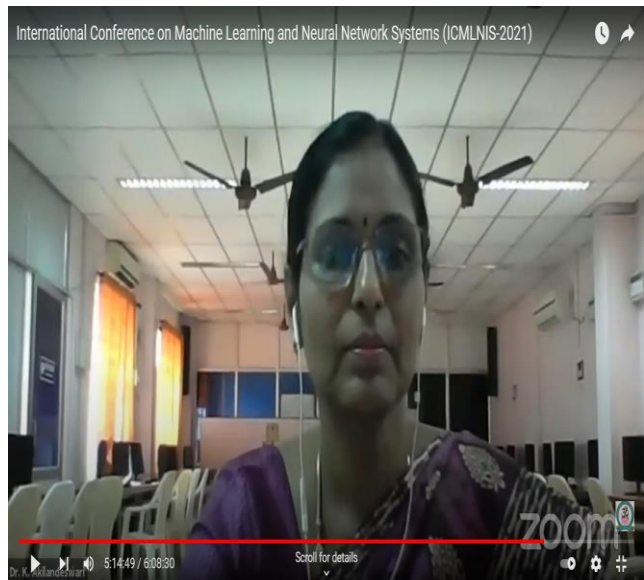
Welcome speech by Head Mrs D.Kavitha



Lecture on Artificial Intelligence Techniques delivered by Dr. Hennah Inbarani, Assistant Professor, Department of Computer Science, Periyar University, Salem.



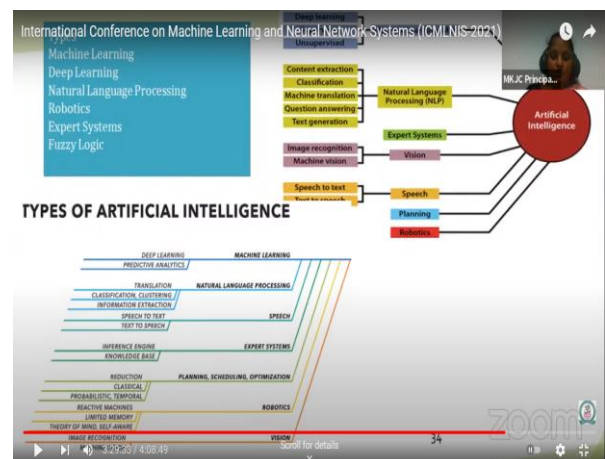
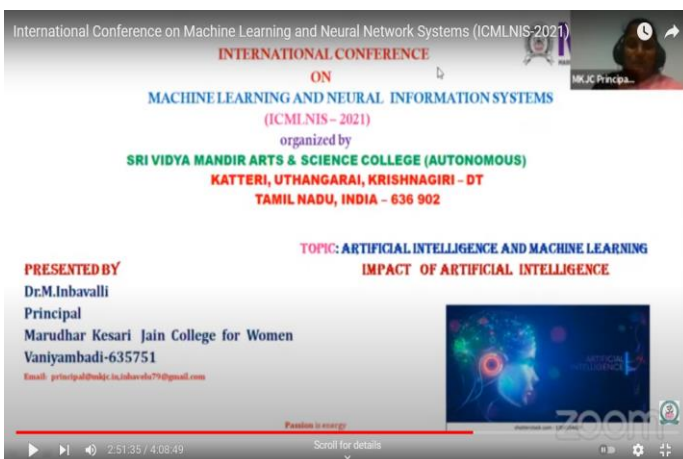
Addressed on Generative Adversarial Network in Image Analysis by Dr. Adhiyaman Manickam, Researcher, Research Institute for Future Media Computing, Shenzhen University, China.



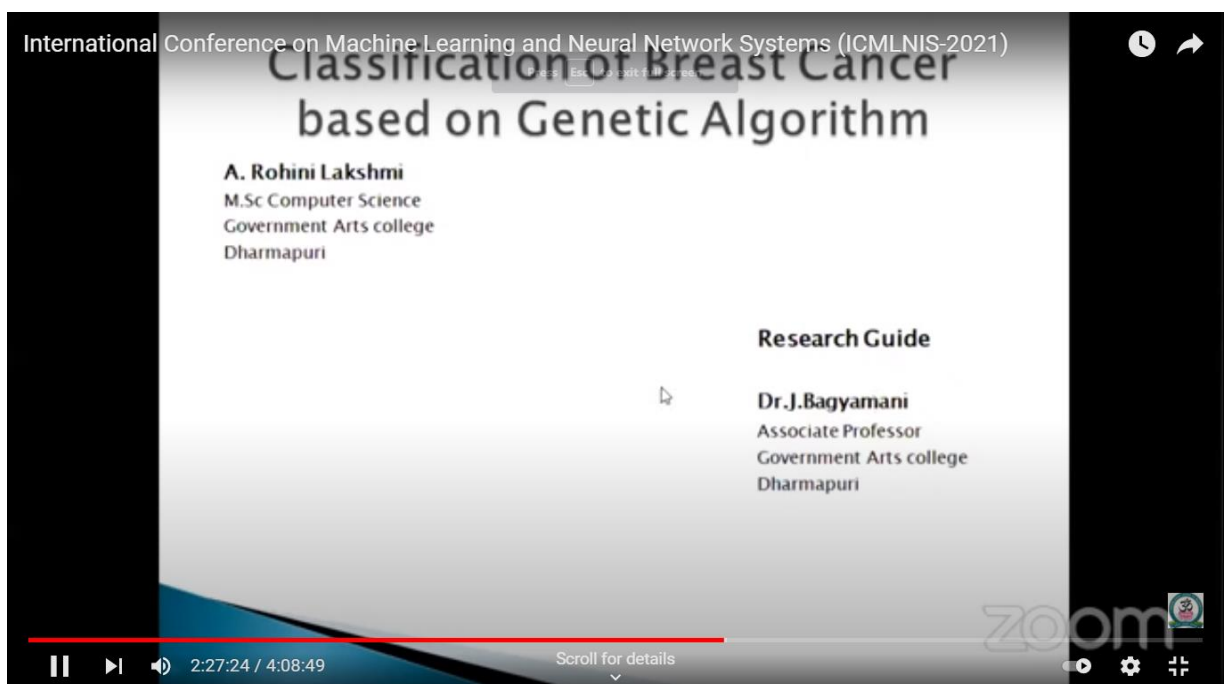
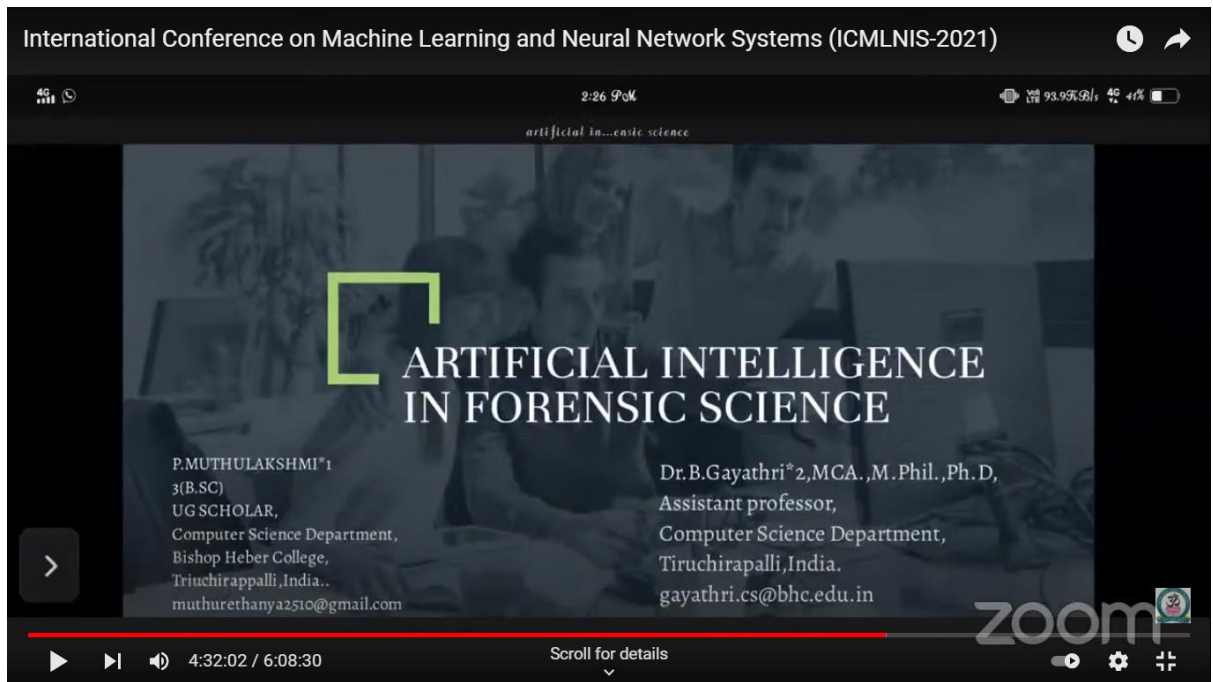
Lecture on Technology Trends in Computer Vision delivered by Dr K. Akilandeswari, Associate Professor, Department of Computer Science, Government Arts College (Autonomous), Salem.



Addressed on Applications of Machine Learning in Medical Imaging by Dr. Sujatha kirshnamoorthy, Assistant professor, department of CS and Technology, Wenzhou Kean University, Wenzhou.



Lecture on Artificial Intelligence and Machine Learning by Dr. M. Inbavalli, Principal, Marudhar Kesari Jain College for Women, Vaniyambadi



Presentation by Presenters