

DST-CURIE-AI

SRI PADMAVATI MAHILA VISVAVIDYALAYAM : TIRUPATI **(WOMEN'S UNIVERSITY)**

R.O.C.No.SPMVV/UGC/CURIE-AI/F2/2019

Date : 03.08.2019

PROCEEDINGS

Sub: SPMVV – UGC Section – Constitution of Committee – DST- CURIE (AI) – Orders – Issued – Reg.

Ref: 1. Letter No.DST/CURIE-AI/2019, dated 29.03.2019 & 03.06.2019 received from
Dept. of Science & Technology, New Delhi.
2. I/c Vice-chancellor's orders 03.08.2019.

DST-CURIE to support for Artificial Intelligence (AI) Lab in CURIE Beneficiary Women Universities Implementation Committee has been constituted with the following members, to look into the technicalities in the implementation of the project sanctioned by the DST, New Delhi to Sri Padmavati Mahila Visvavidyalayam, Tirupati.

- | | |
|--|----------|
| 1. Prof.S.Jyothi
Dept. of Computer Science
S.P.Mahila Visvavidyalayam, Tirupati. | Convener |
| 2. Prof.V.Kalarani
Convener, DST-CURIE
Dept. of Biotechnology
S.P.Mahila Visvavidyalayam, Tirupati. | Member |
| 3. Prof.K.Usha Rani
Dept. of Computer Science
S.P.Mahila Visvavidyalayam, Tirupati | Member |
| 4. Prof.T.Seetha Kumari
Dept. of Law
S.P.Mahila Visvavidyalayam, Tirupati | Member |
| 5. Dr.P.Bhargavi
Dept. of Computer Science
S.P.Mahila Visvavidyalayam, Tirupati | Member |
| 6. Prof.V.Saritha
CSC, Engineering & Technology
S.P.Mahila Visvavidyalayam, Tirupati | Member |


REGISTRAR

To
The above members
Copy to the Dean, School of Sciences, SPMVV
Copy to the Dean, School of Social Science, Humanities & Management, SPMVV.
Copy to the Secretary to the Vice-chancellor/Registrar's Peshi, SPMVV

Progress Report up to 31-05-2020

1. DST-CURIE-AI lab established in the University with 20 Highend Desktop Computers, 4 Servers, and Interactive Flat Display, LEDs, Short throw projector, Color printer and Networking Printer.
2. Placed Digital Boards and LED Display in the campus under CURIE-AI centre.
3. CURIE-AI advisory committee is formed to take decisions and monitoring activities CURIE-AI Centre activities.
4. To motivate the students and faculty of Computer Science, Life Sciences, Social Sciences and Engineering, Faculty Members are identified from all disciplines and formed a CURIE-AI-Group.
5. Three (3) faculty members. one faculty from Computer Science, one faculty from Social Science (Law) and one faculty from Life Sciences (Pharmacy), attended Faculty Development Program on “**Innovation and Research Trends in Artificial Intelligence**” conducted by Banasthali University, Rajasthan.
 6. Planned to conduct 6 months certificate course in Artificial Intelligence to the research scholars and students.
 7. Planned to conduct one year PG Diploma course Data Science & Machine Learning to all disciplines under graduate students.

Programs Conducted:

➤ Summer & Winter Training Programs

1. Conducted a One Week Faculty Development Program on “**New Frontiers in Artificial Intelligence – Societal Perspectives**” from 25th to 30th, November, 2019 at DST-CURIE-AI, SPMVV, Tirupati.
2. Conducted a One Week Hands on Workshop on “**Artificial Intelligence in Genomics**” on 22nd to 27th February, 2020 at DST-CURIE-AI, SPMVV, Tirupati.
3. Conducted a One Week Hands on Workshop on “**Python and Data Science**” on 2nd to 7th March, 2020 at DST-CURIE-AI, SPMVV, Tirupati.
4. Conducted a Virtual National Conference on “**Artificial Intelligence – Current Trends and Applications**” on 27th & 28th, March 2020 at DST-CURIE-AI, SPMVV, Tirupati.
5. Through this conference **23 research papers** related to Artificial Intelligence are published in Scopus Journal Test Engineering & Management.

➤ **Student Club Activities:**

1. Two days workshop on “Multi-Disciplinary Applications in Artificial Intelligence” will be conducted on 28th & 29th January 2020.
2. Conducted a Two day Student Symposium on “**Idea Pitching for Societal Applications in Artificial Intelligence**” on 24th & 25th February, 2020.
3. Conducted a Virtual Event on Artificial Intelligence “**Idea Festival 2020**” on 30th April, 2020 at DST-CURIE-AI Student Club, SPMVV, Tirupati.

Equipment Photos
(DST-CURIE-AI) Lab



Highend Desktop Computers





Networking



Interactive Flat Display



P8 LED Screen



P10 Outdoor LED Screen



Short Throw Projector



Color printer



Networking printer

➤ **Summer & Winter Training Programs Photos and News Paper Clippings**

1. One Week Faculty Development Program on “**New Frontiers in Artificial Intelligence – Societal Perspectives**” from 25th to 30th, November, 2019



Faculty development programme on AI begins

HANS NEWS SERVICE

Tirupati: The week-long faculty development programme conducted by Sri Padmavati Mahila Visvavidyalayam, Tirupati, CURIE-AI (Artificial Intelligence) centre sponsored by Department of Science and Technology begun on Monday. The programme on "New frontiers in artificial Intelligence- Societal Perspectives" will be held up to November 30.

In the inaugural session, Dr P Srinivas, Chief Technology Officer and Co-founder, City Mandi, Bengaluru, explained about applications of artificial intelligence in all fields of research.

Registrar of SPMVV Prof DM Mamatha, who participated as chief guest, explained about applications of artificial intelligence in handling data in life sciences and how it has changed the scenario of research.

Prof R Nagaraju, Prof K Murugaiah and Prof A Ramakrishna Rao were present at the event and highlighted the need of artificial intelligence in the respective fields. Prof S Jyothi, co-ordinator of CURIE-AI centre has explained the need of training of faculty in this area. Dr S Madhuri Pardesi, Dr P Bhargavi and Dr D Sujatha were co-convenors of the programme.



2. One Week Hands on Workshop on “Artificial Intelligence in Genomics” on 22nd to 27th February, 2020.



3. One Week Hands on Workshop on “Python and Data Science” on 2nd to 7th March, 2020.



ఈనాడు 03/03/2020

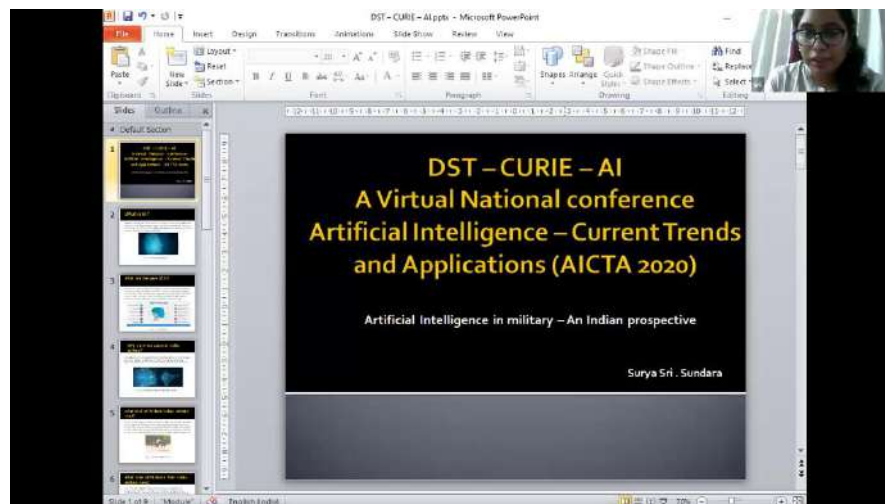
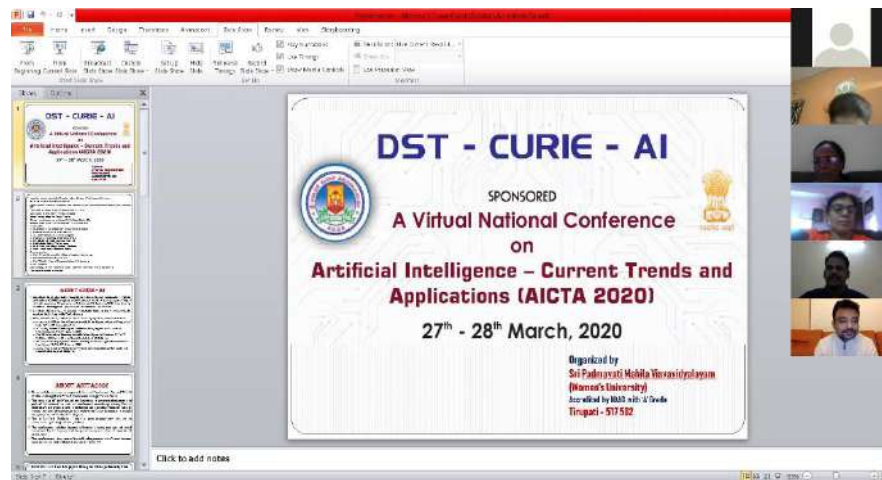
కృత్రిమ మేధస్సు శక్తివంతమైంది

మహిళా విశ్వవిద్యాలయం(తిరుపతి), న్యూనీటుడే: కృత్రిమ మేధస్సుపై అవగాహన కల్పించడం ద్వారా విద్యార్థినుల్లో మరింత జ్ఞానాన్ని పెంచవచ్చని హైదరాబాదుకు చెందిన రిసోర్స్ పర్సన్ మహేష్ కుమార్ పేర్కొన్నారు. శ్రీ పద్మావతి మహిళా విశ్వవిద్యాలయం క్యూరీ ఏ ఐ ఆధ్వర్యంలో వారం రోజుల పాటు నిర్వహించనున్న కార్యశాల సోమవారం వర్ని టీలో ప్రారంభమైంది. ముఖ్య అతిథిగా విచ్చేసిన ఆయన మాట్లాడుతూ కృత్రిమ మేధస్సు చాలా శక్తివంతమైనదని, దీనిపై పరిశోధకులు, అధ్యాపకులు అవగాహన పెంచుకోవాలన్నారు. కార్యక్రమంలో క్యూరీ కో-ఆర్డినేటర్ జ్యోతి, ఆచార్య విద్యావతి, ఇతర అధ్యాపకులు, పరిశోధకులు, విద్యార్థినులు పాల్గొన్నారు.



అతిథికి జ్ఞాపికను అందజేస్తున్న ఆచార్య జ్యోతి

4. Virtual National Conference on “**Artificial Intelligence – Current Trends and Applications**” on 27th & 28th, March 2020.



LOCKDOWN MAKES SPMVV TAKE VIRTUAL ROUTE

V PRADEEP KUMAR

Tirupati: Following the COVID-19 lockdown restrictions strictly, Sri Padmavati Mahila Viswavidyalayam (SPMVV) had chosen the alternate way to complete urgent business without waiting for the return of normalcy.

For this, they found virtual route and organised the Executive Council meeting and a national conference successfully thereby showing the path to other institutions.

In a first of its kind in the campus, the university has organised DST CURIE AI sponsored national conference on "Artificial Intelligence (AI) - Current Trends and Applications" for two days on March 27-28 through virtual portals. Explaining the details to The Hans India, Registrar Prof D M Mamatha has said that it was scheduled well before to be conducted in the regular form and

► The university organises two-day national conference on 'Artificial Intelligence - Current Trends and Applications' in virtual mode

► The first Executive Council meeting of the university after Vice-Chancellor Prof D Jamuna took over charge also conducted virtually

► While four members of the Council were present at the meeting physically, four others took part through Skype

communicated to all participants.

As the lockdown was announced by the government, it was decided to hold it as usual but through virtual mode instead of postponing it. "The organisers have received 150 papers for the conference and all were informed about the details of virtual conference for which almost 100 participants have attended from their respective places. The participation was very encouraging though it is only a beginning," maintained the Registrar.

Government wants to apply Artificial Intelligence (AI) in every field and SPMVV was allotted a budget of Rs 70 lakh for the purpose. The first virtual conference has shown the way to conduct more such conferences in the future, she observed. The organisers Prof S Jyothi, Prof P Uma Maheswari, Prof T Sita Kumari and Prof V Saritha took all steps to conduct even parallel sessions during the two days.

Also, to take some key administrative decisions the Executive

Council meeting was also held in virtual mode. While, Vice-Chancellor Prof D Jamuna took over charge in January and the EC was formed in March, no full-fledged meeting was held so far.

"In fact we have been planning the meeting since the first week of March. Due to lockdown, Special Chief Secretary of Higher Education Satish Chandra has suggested us to go for virtual meeting because of the travel restrictions", explained the Registrar.

She said that four members - Satish Chandra, Commissioner of Collegiate Education MM Naik, APSCHE Chairman Prof K Hemachandra Reddy and EC member Mohan Reddy have connected through Skype while four members - the V-C, Prof G Savithri, Prof A Jyothi and Prof B Krishna Kumari have attended physically. They have discussed a few emergency items, passed resolutions and accomplished the task.

THE HANS INDIA

Thu, 02 April 2020

<https://epaper.thehansindia.com/c/50549132>



నేటినుంచి ఆన్లైన్ సదస్సు

మహిళా విశ్వవిద్యాలయం(తిరుపతి), న్యూస్టుడే:

శ్రీ పద్మావతి మహిళా విశ్వవిద్యాలయం డిఎస్టీ క్యూరీ-ఎఐ ఆధ్వర్యంలో శుక్రవారం నుంచి ఆన్లైన్ ద్వారా జాతీయ స్థాయి సదస్సు నిర్వహిస్తున్నట్లు క్యూరీ కో-ఆర్డినేటర్ ఎస్.జ్యోతి తెలిపారు. కరోనా వ్యాప్తి కారణంగా 'ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ - కరెంట్ ట్రెండ్స్ అండ్ అప్లికేషన్స్' అనే అంశంపై జరగాల్సిన వర్చువల్ సదస్సును ఈ నెల 27, 28 తేదీలలో ఆన్లైన్ ద్వారా జరుపుతున్నట్లు పేర్కొన్నారు. వర్చువల్ పోర్టల్ ద్వారా ఇక్కడ నుంచే ఆన్లైన్లో పత్ర సమర్పణలు చేస్తారని, ఆన్లైన్ ద్వారా వక్తలు, అతిథులు ప్రసంగిస్తారని తెలిపారు. రాజస్థాన్, కర్ణాటక, తమిళనాడు, ఆంధ్ర, తెలంగాణ, గుజరాత్, మహారాష్ట్ర నుంచి ఆచార్యులు, పరిశోధకులు ఆన్లైన్ ద్వారా సదస్సులో పాల్గొంటారని పేర్కొన్నారు.

ఈనాడు 27-3-2020

SPMVV conference on AI goes virtual

The two-day national meet ended on Sunday

SPECIAL CORRESPONDENT
TIRUPATI

Undaunted by the restrictions imposed by the lockdown, Sri Padmavathi Mahila Viswa Vidyalayam (SPMVV) chose the 'virtual' route to conduct its two-day national conference on 'Artificial Intelligence' that ended on Saturday evening.

The DST CURIE AI-sponsored conference, themed on 'Artificial Intelligence - Current trends and applications', came in handy for the varsity in going ahead with the event using technology, rather than closing it down due to the lockdown.

'First such event'

Addressing the gathering seated at multiple locations, Vice-Chancellor Jamuna Duvvuru saw the need to use technology for conducting such virtual

conferences, lockdown or otherwise.

Apart from the varsity professors S. Jyothi, P. Uma Maheswari, V. Sarita and T. Sita Kumari, the Vice-Chancellor also heaped laurels on C.V. Mahesh of Orbit Shifters Inc., Hyderabad and Srinivas Padmanabhuni of Tarah AI, Bengaluru for making the virtual conference a reality.

While addressing the 'virtual gathering', Registrar D.M. Mamatha called it the first such event tried ever by the varsity. Prashanth Pollishetty, Chief Executive Officer of Orbit Shifters Inc, USA shared his insights on AI and IoMT (Internet of Medical Things) in healthcare in order to build a keen interest around the topic, apart from sharing business stories and a number of real world examples.

Ramesh Loganathan, Chief Innovation Officer of Telangana State Innovation Council also shared his experience with cases on practical AI use.

➤ Student Club Activities Photos and News Paper Clippings

1. Two Day workshop on "Multi-Disciplinary Applications in Artificial Intelligence" will be conducted on 28th & 29th January 2020.



THE YOUNG HAN

www.thehansindia.com

'Artificial Intelligence has become active, powerful'

Two-day DST-CURIE-AI workshop underway in SPMVV

HANS NEWS SERVICE

Tirupati: Prof Biswanath Datta of Northern Illinois University stressed that Artificial Intelligence has become energetic, active and powerful nowadays. Amazon, Google and others have become market leaders through Python machine learning and Artificial Intelligence (AI). He was delivering his address at the two-day workshop on multidisciplinary applications in AI sponsored by DST-CURIE-AI held at Sri Padmavati Mahila Viswavidyalayam (SPMVV) on Tuesday. Speaking on the occasion Prof Datta advised the students to make use of this opportunity of learning the vibrant of AI.

Another Guest Prof Vivek Kumar Singh of Department of Computer Science, Banaras Hindu University has explained that AI was the first mathematical model of a neuron that was developed in 1943 which is a simple model and that had explained the functioning of a neuron. Later AI started working on language translations. The relationship between the brain and the mind is like hardware and software. Artificial Intelligence



Prof Vivek Kumar Singh, Prof D Jamuna and Prof Biswanath Datta at the CURIE-AI workshop at SPMVV in Tirupati on Tuesday. (Right) Participants at the workshop.

work in two directions as connectionist style and symbolic. During the 80 years of Artificial Intelligence (1940-2020) it has witnessed a lot of developments and now it has become a part of daily life.

The Vice Chancellor of SPMVV Prof D Jamuna highlighted the importance of AI, which is not new and part of cognitive psychology. Humans deal with cognition and life (biology) but machines work only on cognition. AI is the double-edged sword that has many advantages and applications useful in daily

life and in the industry. But, the disadvantages also has to be taken care of and work on how to overcome them and convert them as useful applications.

AI CURIE coordinator Prof S Jyothi presided over the function and explained the objectives of the workshop. She said that it helps in describing the

students about the process and functions of machines with intelligence. The organizing members of the workshop Dr Shaheera Begam, Dr John Sushma, Dr Indira Priyadarshini and Dr Sreesha along with staff from different departments, students, club members and others participated in the workshop.

THE HANS INDIA Thu, 30 January 2020 <https://epaper.thehansindia.com/c/48487568>

2. Two day Student Symposium on “Idea Pitching for Societal Applications in Artificial Intelligence” on 24th & 25th February, 2020.





3. Virtual Event on Artificial Intelligence “**Idea Festival 2020**” on 30th April, 2020.

