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EDITORIAL BOARD

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PROGRAMMACHINE LEARNING WITH PYTHON

To meet the ever-demanding needs of knowledge industry, Faculty development programmes (FDP) have always been an effective tool to enhance teaching and research capabilities of educators. Aiming at developing competences in recent advances in Information Technologies, “**Shri Vishnu Engineering College for Women**” is conducted 5 days National Level Faculty development program on “**Machine Learning with Python**”. This Technical faculty development program is aimed as a Research Frontiers in Machine Learning. This event is being organized by Department of Computer Science & Engineering of SVECW. Faculty from various organizations actively participated in the FDP. **The contents covered are Introduction to Machine Learning, Issues and Case studies, Descriptive statistics and inferential statistics which is most essential for any learning algorithms.** Concept of Back Propagation, Linear Vector Quantization (VCQ) Principal Component Analysis, Natural Language Processing / Text Mining using Tensor flow and Recommendation Systems / Sentiment Analysis using Tensorflow.

PUBLICATIONS

Mrs. T. Gayathri "Security Challenges associated with high dimensional Data" in IJSCSEIT in July 2017 with ISSN:2456-3307(Volume-2, Issue-4).

Ms.N. Durga "Security Challenges associated with high dimensional Data" in IJSCSEIT in July 2017 with ISSN:2456-3307(Volume-2, Issue-4).

Mrs. T. Gayatri "Privacy Preserving approaches for high dimensional Data" in IJTSRD in Aug 2017 with ISSN:2456-6470(Volume-1, Issue-5).

Ms. N. Durga "Privacy Preserving approaches for high dimensional Data" in IJTSRD in Aug 2017 with ISSN:2456-6470(Volume-1, Issue-5).

Ms. M. Yamini "Anomaly Response System for Relational Database System Using Joint Administration Model" in IJRCC in Volume-5, issue-4.

Mrs. P. R. Sudha Rani, Dr.K.Kiran Kumar(2017), "A Novel Weighted Extreme Learning Machine (Welm) Based Ensemble Classifier For Medical Databases", International Journal of Pure and Applied Mathematics, Volume 117 No. 19 2017, 303-312, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)(Scopus Indexed).

Mr. Aaluri Seenu, Dr. Manchiraju Kameshwara Rao, "A Novel Filtered Decision Tree Model For Privacy Preserving Model On High Dimensional Data", International Journal of Pure and Applied Mathematics, Volume 117 No. 19 2017, 313-322.(Scopus Indexed)

Mr. Anuj Rapaka,"User Data Recovery and Secure Data Distribution in the Cloud" International Journal of Research in Nov 2017 with e-ISSN: 2348-6848 with Volume 04 Issue14.

Mrs.K. V. Gowthami, Mr. K.Ganesh Reddy, "An Efficient Block Storage Mechanism for Cloud Computing Adoption Framework", International Journal of Research, in Dec 2017 with p-ISSN: 2348-795X,2017, page1588-1594.

Ms. M. Bhargavi, An Efficient Hybrid Forecasting Approach For Wind Speed Time Series, International Journals of Advanced Research in Computer Science and Software Engineering in Nov 2017 with ISSN: 2277-128X ,Volume-7, issue-9 page13-17.

Mrs. P. R. Sudha Rani "Forecast of scan Report waiting time for patients in Big data" in IJCST in Oct 2017 with ISSN:0976-8491(Volume 8 Issue 4).

Mr. K. Ramachandra Rao "Influencing unique Data to boost the performance of key uploaded system through Cloud Computing" in IJCSCN in Oct 2017 with ISSN:2249-5789(Volume-7, Issue-5).

Mrs. P J R ShalemRaju "An Efficient searching and storage Model with effective partitioning an RDF Graph" in IJCSCN in Sep 2017 with ISSN:2249-5789(Volume-7, Issue-4).

Mr. M. S. Sudheer "A Survey on Big data Challenges in the context of Predictive Analytics" in Journal of Science and Technology in Feb 2017 with volume-2 , Issue-2 PP:31-40.

Mr. K V Narayana Rao "An Enhanced Review Classifier for analyzing user sentiment" in IJARCSSE in Oct 2017 with ISSN:2277-128X(Volume-7, Issue-10).

Mr. Ch. Vijaya Krishna "Efficient Keyword Query Suggestion on Document Proximity using LKRS" in IJCSCN in Oct 2017 with ISSN:2249-5789(Volume-7, Issue-5).

Mr. A. Seenu "An Open Source Implementation of MapReduce using RF algorithm" in IJCSCN in Oct 2017 with ISSN:2249-5789(Volume-7, Issue-5).

CONFERENCES

Prof. V. Prushothama Raju “An Effective analysis on Intrusion detection Systems in wireless Mesh Networks In IEEE Conference ICACI-2017 held at 13th to 16th September 2017 Karnataka.

Prof. V. Prushothama Raju “An Efficient Feedback based Trust Management Framework for Cloud Computing” in IJCSN in Oct 2017 with ISSN:2249-5789(Volume-7,Issue-5).

P. KiranSree, “A Robust Deep Learning Mechanism Augmented with Cellular Automata for DNA Computing”- In IEEE Conference ICPCSI-2018 held at 21,22 September 2017 Chennai.

P.KiranSree “Efficient technique for Classifying High-Dimensional Data”in IJCST in Oct 2017 with ISSN:0976-8491(Volume 8 Issue 4).

P S V SrinivasaRao “A Secure Data Access Control for Active Groups in Cloud Data Storage”in IJCSN in Oct 2017 with ISSN:2249-5789(Volume-7,Issue-5).

P S V SrinivasaRao“A Robust Deep Learning Mechanism Augmented with Cellular Automata for DNA Computing”- In IEEE Conference ICPCSI-2018 held at 21,22 September 2017 Chennai.

K.Ganesh Reddy “An Effective analysis on Intrusion detection Systems in wireless Mesh Networks In IEEE Conference ICACI-2017 held at 13th to 16th September 2017 Karnataka.

M.S.Sudheer “A Robust Deep Learning Mechanism Augmented with Cellular Automata for DNA Computing” in IEEE Conference ICPCSI-2018 on 21,22 September 2017 Chennai.

FACULTY ATTENDED WORKSHOPS

Dr D Dharmiah,Mr P Srikanth, Dr K Ganesh Reddy,Mr M Narasimha Raju, Mr M S Sudheer,Mr.M.Ramesh babu, Mr.K.RaviTeja and Mr.P.srikanth attended a five -day work shop on ” TTT on Security Analytics “at VEDIC Hyderabad /NASSCOM during 26th- 30th Dec 2017.

Dr K Ganesh Reddy,Mr K V Narayana Rao, Mrs DNSB Kavitha, Mr Ch Vijaya Krishna, Mr P Raju, Mr R Anuj, Mr M V V Rama Rao,Mr K Ravi Teja And Ms Ch Lalitha Shyama sundari attended a two-day workshop on “Research Readiness” at VEDIC Hyderabad during 28th - 29th Nov 2017.

Dr K Ganesh Reddy, Mr PJR Shalem Raju ,Mr M Ramesh Babu,Mr K Ravi Teja, Mr K Pavan Raju ,Mr G Mohan Ram,Ms V Lakshmi Durga,Ms.R.V.Swathi, Mrs T Gayathri, Mr M S Sudheer,Mr T Kesava,Mr GVSS Prasada Raju, Mr M Narasimha Raju,Ms M Yamini,Ms.N.Durga, Ms.Vijaya kumari,Mr K Bhadrachalam, Mr M Narasimha Raju attended a three-day work shop on” Inspire Impact and Introspect Level 1”, at VEDIC Hyderabad during 8th -10th Aug 2017.

Mr K Ramachandra Rao attended a three-day work shop on “Instructional design strategies” at VEDIC Hyderabad during 20th-22nd Mar 2017.

FACULTY CONDUCTED WORKSHOPS

A One Week FDP on “Network Simulation and Data Security “at SVECW during 10-14 July 2017

A One Week FDP on “Machine Learning with Python “at SVECW during 18-22 December 2017



Achievements

S.No	Name of the Student	Name of the event	Date(s)	Event-Host Institution	Prize Won
1	Ms. Ch. Tejaswi	PRAGNA EVENT OF LAKSHYA-2K17	15-09-17	LBRCE	II
2	Ms. D.Manasa	SRUJANA EVENT OF LAKSHYA-2K17	15-09-17	LBRCE	II
3	Ms. A.Eeshasree	PAPER PRESENTATION OF AVISHKAAR-2K17	21-22 SEP 17	DNRCET	I
4	Ms. G.Gowthami	PAPER PRESENTATION OF AVISHKAAR-2K17	21-22 SEP 17	DNRCET	I



Python interpreters are available for many operating systems . A global community of programmers develops and maintains CPython, an open source reference implementation. A non-profit organization, the Python Software Foundation, manages and directs resources for Python and CPython development. Python's developers strive to avoid premature optimization, and reject patches

to non-critical parts of the CPython reference implementation that would offer marginal increases in speed at the cost of clarity. When speed is important, a Python programmer can move time-critical

functions to extension modules written in languages such as C, or use PyPy, a just-in-time compiler. Cython is also available, which translates a Python script into C and makes direct C-level API calls into the Python interpreter.

An important goal of Python's developers is keeping it fun to use. This is reflected in the language's name—a tribute to the British comedy group Monty Python

Python uses duck typing and has typed objects but untyped variable names. Type constraints are not checked at compile time; rather, operations on an object may fail, signifying that the given object is not of a suitable type.