

KARPAGAM INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 105

NEWS LETTER
SMRITI
2019-20
(EVEN)

Department of
INFORMATION TECHNOLOGY



HOD'S DESK

Department of Information Technology commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, department pays special emphasis on teaching and hands on practical work. Students exhibit their innovative ideas, skills and potentials as final year projects and have won many awards at University level. The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education. We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry.

We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

In IT Dept, our students push intellectual boundaries, enjoy the freedom to experiment, engage in rigorous debate, strive for personal bests, embrace abundant leadership opportunities, learn to overcome obstacles and pray, laugh and grow..

Dr. D. Bhanu, M.E., Ph.D

vision of the Institution

To impart quality technical education emphasizing innovations and research with social and ethical values.

Mission of the Institution

- Establishing state-of-the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.
- Creating a conducive environment for nurturing innovative ideas and encouraging research skills.
- Inculcating social and ethical values through co-curricular and extra-curricular activities.

vision of the Department

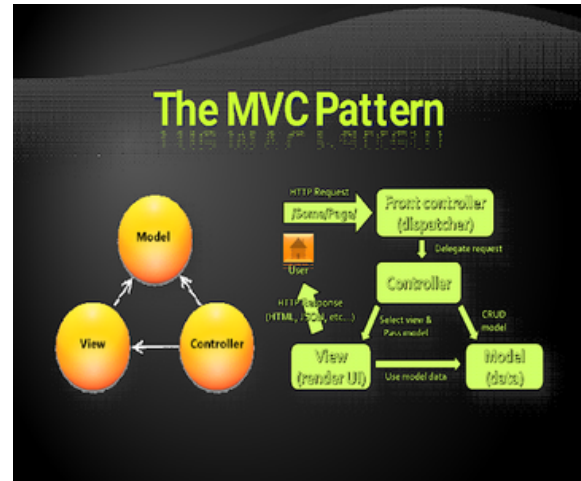
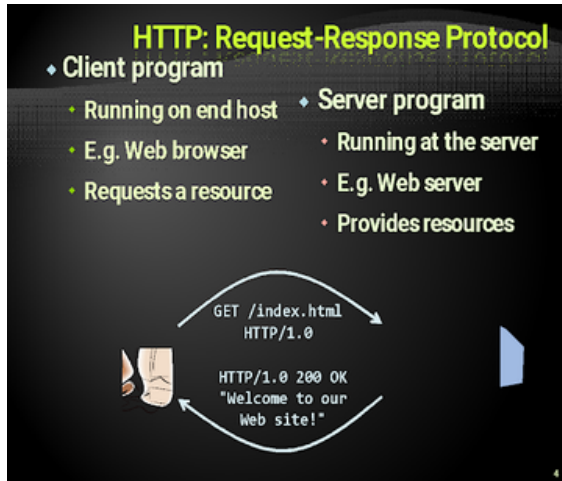
- To produce technically competent and skilled engineers to meet the challenges of the IT industry.

Mission Of The Department

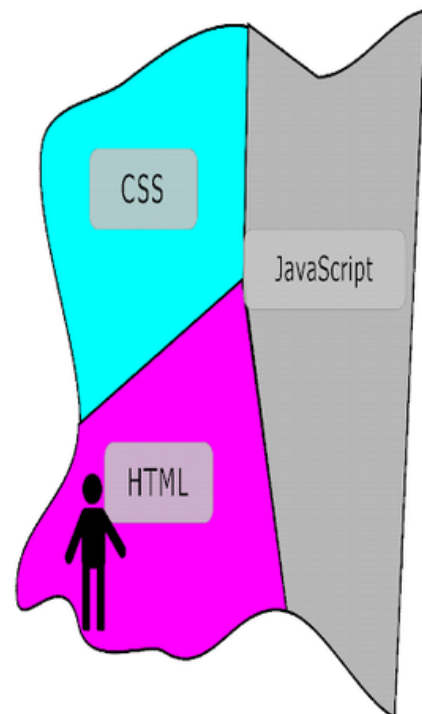
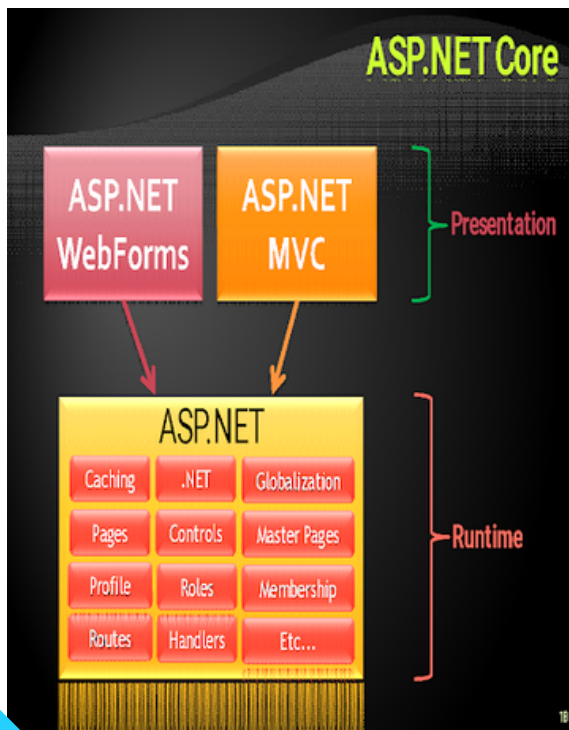
- Establishing innovative teaching learning practices with competent faculty and state of the art facilities.
- Enriching knowledge on latest technological advancements through industrial collaborations.
- Developing moral and ethical values through extension activities.

SEMINARS, SYMPOSIUMS, GUEST LECTURES AND WORKSHOPS ORGANIZED

IIC & Department of IT Have jointly conducted the webinar on “Web Application using ASP.Net and Mvc” on 08.05.2020



Resource Person Mr.Kathiresk Kumar discussed MVC Pattern



IIC & Department of IT Have jointly conducted the webinar on “Webinar and Python for Datascience” on 11.05.2020



Image Source: <https://intellipaath.com/>

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5/11/2020

Python

The screenshot shows the Python.org homepage with the following content:

- Navigation bar: About, Downloads, Documentation, Community, Success Stories, News, Events.
- Section: **Download the latest version of Python**. Includes a button for "Download Python 3.8.2" and links for "Looking for Python with a different OS?", "Want to help test development versions of Python?", and "Looking for Python 2.7?".
- Section: **Active Python Releases**. Includes a link to "For more information visit the Python Developer's Guide."
- Table of Active Python Releases:

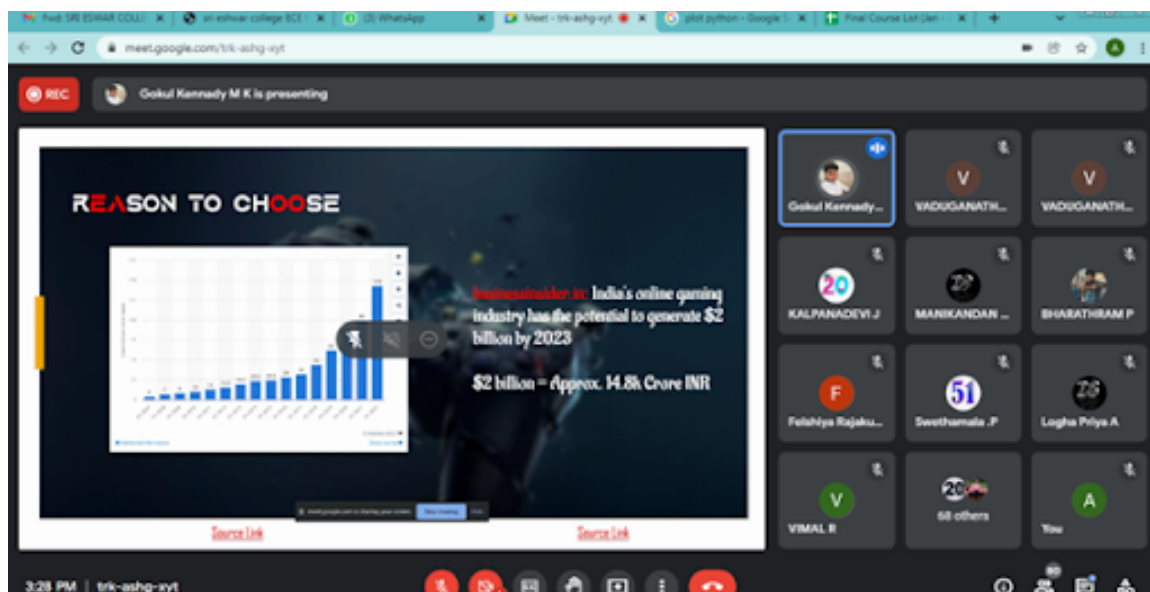
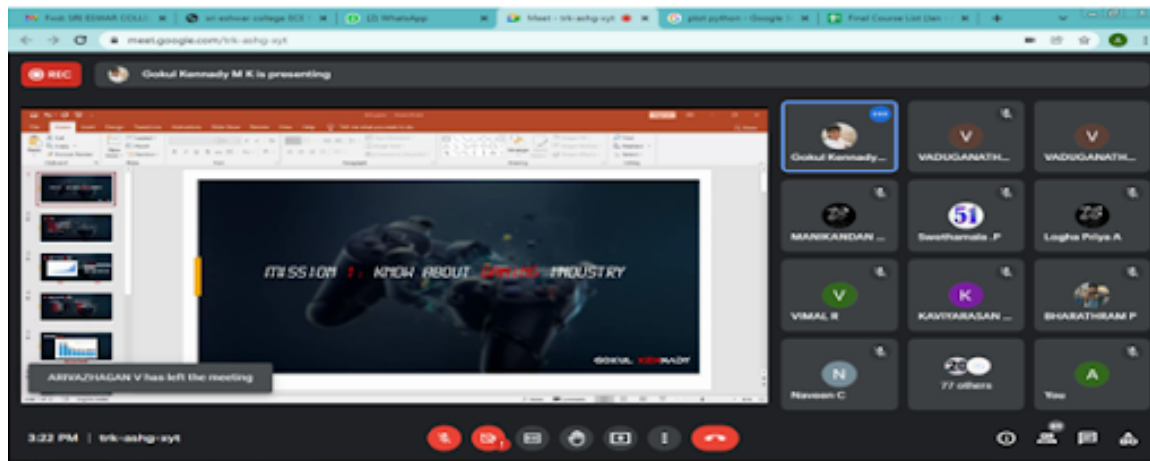
Python version	Maintenance status	First released	End of support	Release schedule
3.8	bugfix	2019-10-14	2024-10	PEP 569
3.7	bugfix	2018-06-27	2023-06-27	PEP 537
3.6	security	2016-12-23	2021-12-23	PEP 494
3.5	security	2015-09-13	2020-09-13	PEP 475
3.3	end-of-life	2010-07-03	2020-05-01	PEP 373

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5/11/2020

Mr.V.P.Arulkumar, AP/IT gave welcome address and Chief Guest Introduction. The session was handled by the Resource Person Dr.Manjuprasad B, Associate Professor/CSE, GSSSIETW, Mysuru, Karnadaka. In the session, he gave some short introduction about basics of Python, and then he explained about the Data science. Resource Person helps the students to create a packages in python. The session was very useful for the students. At the end of the session, Question Answer (QA) session was conducted, In QA session Students asked about open source gaming software tools.

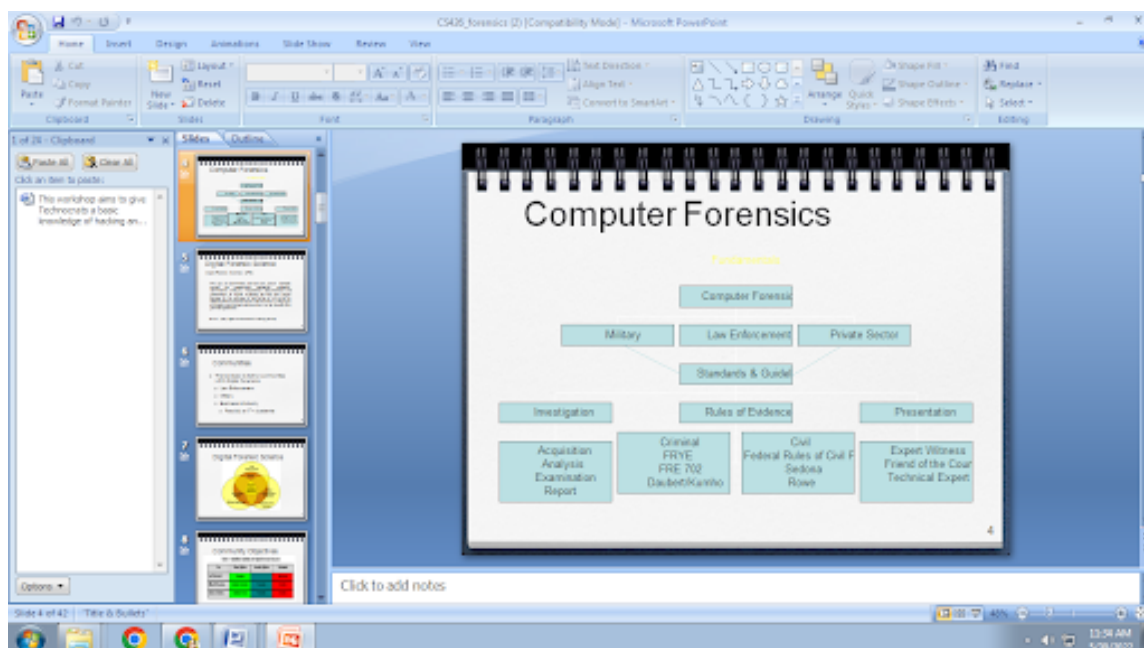
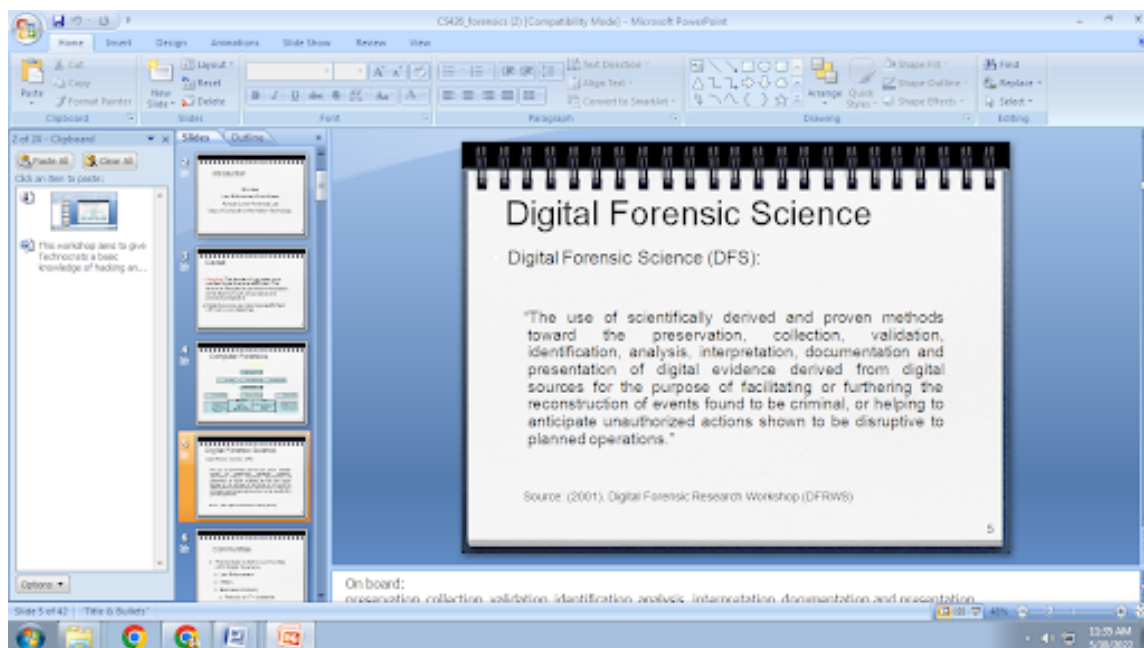
IIC & Department of IT Have jointly conducted the webinar on “Deep Learning for startups” on 26.03.2021

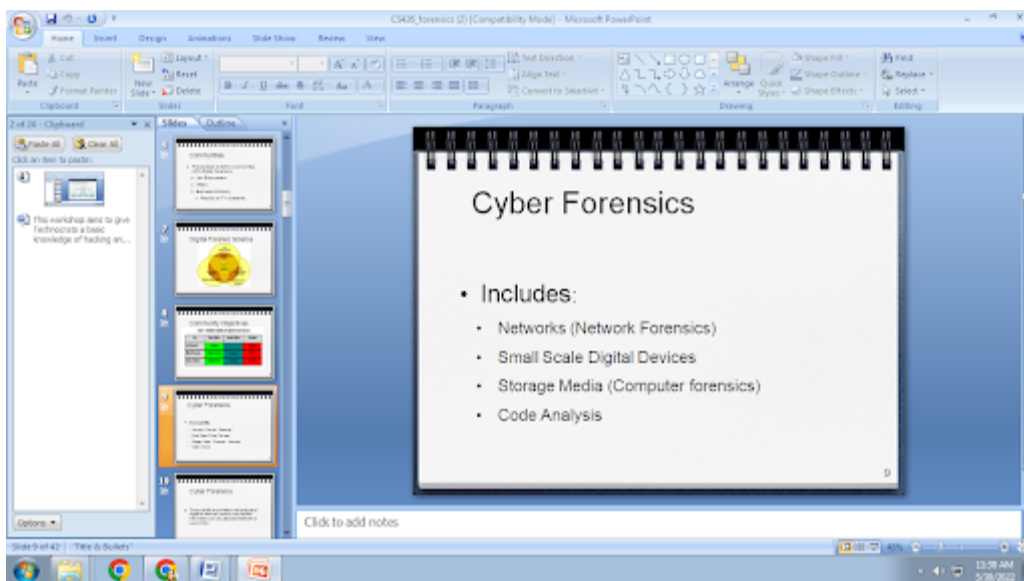
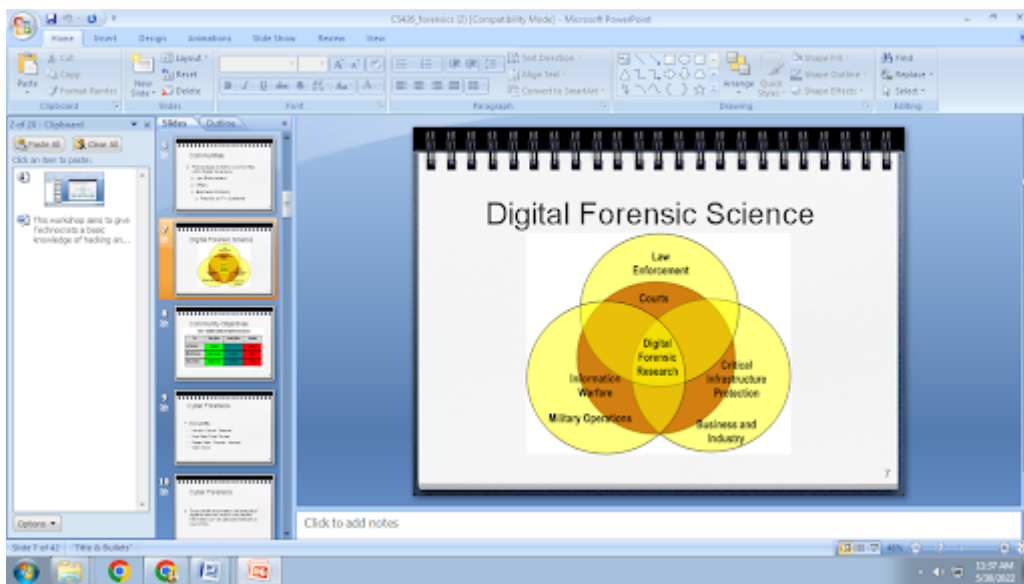


The session was handled by the Resource Person Ms.S.Shreethika, Senior Automation Test engineer, BagmaneConsellation Park, Bangalore. In the first half of the session, she gave some short introduction about Deep learning is based on the branch of machine learning, which is a subset of artificial intelligence. Since neural networks imitate the human brain and so deep learning will do. In deep learning, nothing is programmed explicitly. Basically, it is a machine learning class that makes use of numerous nonlinear processing units so as to perform feature extraction as well as transformation. The output from each preceding layer is taken as input by each one of the successive layers. Finally the vote of thanks was given by

Ms.T.Yawanikha,AP/IT.

IIC & Department of IT Have jointly conducted the webinar on “Cyber Forensics” on 16.04.2020





The session was handled by the Resource Person Mr.S.KavinPrabhu Quality Assurance Analyst,M.S.(Engg) Thought Works, Bangalore. In the first half of the session, he gave some short introduction about understanding of an organization's IT environment,then he explained about what is cyber forensics. Resource person explained about the cyber forensics principles. The session was very useful for the students.

**MHRD - IIC have conducted the Leadership Talk Series with
Dr. Vinay Sahasrabuddhe, President, Indian Council for Cultural
Relations (ICCR) on 16.04.2020**



The banner features two portraits: Dr. Vinay Sahasrabuddhe on the left and Dr. Abhay Jere on the right. The central text reads "Leadership talk with Dr. Vinay Sahasrabuddhe". Logos for MHRD, MIC, AICTE, and the Institution's Innovation Council are at the top. A Twitter Live link is provided for the event.

Leadership talk
with
Dr. Vinay Sahasrabuddhe

Dr. Vinay Sahasrabuddhe
President
Indian Council for Cultural Relations (ICCR)

JOIN US ON TWITTER LIVE
LIVE @abhayjere

Dr. Abhay Jere
Chief Innovation Officer
MHRD Innovation Cell

Thursday, 16th April 2020 at 11.00 AM

Follow us on www.twitter.com/mhrd_innovation

FDP attended

Sl.No	Name of the Faculty	Name of the Programme	Date
1	Dr.D.Bhanu	FDP and Online Training on R Programming	22.05.2020 to 28.05.2020
2	Dr.B.ChellaPrabha	FDP on Tools Explored In Disruptive Technologies	11.05.2020 to 16.05.2020
3	Dr.C.Vimalarani	NPTEL FDP on Cloud Computing	Feb - Apr 2020
4	Dr.K.Gokila	FDP and Online Training on R Programming	22.05.2020 to 28.05.2020
5	Mr.V.DineshBabu	NPTEL FDP on Cloud Computing	Feb - Apr 2020
		AICTE FDP on Linux Applications In Engineering Applications	27.04.2020 to 01.05.2020
6	Ms.T.Yawanikha	NPTEL FDP on Cloud Computing	Feb - Apr 2020

7	Mr.B.Madusudhanan	FDP on Tools Explored In Disruptive Technologies	11.05.2020 to 16.05.2020
8	Mr.D.ShyamPrakash	FDP on Tools Explored In Disruptive Technologies	11.05.2020 to 16.05.2020
9	Mrs.M.Sudha	NPTEL AICTE FDP Introduction to Internet of Things	Jan to April 2020
		Online FDP on PostgreSQL	21.05.2020 to 23.05.2020

CONFERENCE





S. No.	Date	Name of the Students	Name of the events/ Contests	Name of the Institute	Achievements/ Prizes
1	31-01-2020 and 01-02-2020	Abhirami B Janani R	SAMHITA 20	Madras Institute of Technology, Chennai	First Prize in Python Programming Event
2	31-01-2020 and 01-02-2020	Abhirami B Bharanitharan S Gnanasekaran K Janani R	SAMHITA 20	Madras Institute of Technology, Chennai	Third Prize in Hello World Event
3	17-02-2020 to 19-02-2020	Kalithas S	INFYTQ : Infosys Certification	Infosys Campus Connect	Participated

Prize winners in National Level Technical Festival (SAMHITA '20)
organized by Madras Institute of Technology, Anna University, Chennai.



First Prize in
Python Programming Event:

Ms. Abhirami B
Ms. Janani R

Third Prize in
<Hello World/> Event:

Ms. Abhirami B
Mr. Bharanitharan S
Mr. Gnanasekaran K
Ms. Janani R

S. No.	Name of the faculty with Co-Authors	Title of the Papers	Title of the Journal	Vol. No., Issue No., Page No., Month & Year
1	Kannimuthu, S., K.S.Bhuvaneshwari, Dr.D.Bhanu, Vaishnavi, A Ahalya, S.	Performance Evaluation of Machine Learning Algorithms for Dengue Disease Prediction	Journal of Computational and Theoretical Nanoscience	DOI:10.1166/jctn.2019.8570
2	M. Aruna, Dr.D.Bhanu S. Karthik	An improved load balanced metaheuristic scheduling in cloud	Cluster Computing Published by Springer Nature	DOI:10.1007/s10586-017-1213-9

1	A.Mahalakshmi, T.Yawanikha, Dr.D.Bhanu, V.P.Arul Kumar, Dr.K.M.Murugesan	Mining Query Facets from the Search Results	International Journal of recent technology and engineering	ISSN: 2277-3878
2	G.Kiruthiga, K.Kalaiselvi, R.S Shudapreyaa, V.Dineshbabu	Detection of Faults in Flying Wireless Sensor Networks Using Adaptive Reinforcemen t Learning	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8, Issue- 1S4

EDITORIAL MEMBERS

EDITORIAL FACULTY MEMEBER

- Ms.A.MAHALAKSHMI AP/IT

EDITORIAL STUDENT MEMBERS

- SHARMILA G (III –IT)
- DINESH BABU S (III –IT)
- HARI PRASATH E (II –IT)
- GURUMOORTHY M (IV –IT)