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CSE BYTES

NEWSLETTER 2022-2023

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY OU

S.NO	EVENTS	PAGE.NO
1	Vision and Mission	1
2	PEO/PO/PSO's	2
3	Message from the Governing Body	4
4	Events Organized	5
5	Placements	10
6	Value Added Courses	12
7	Faculty Development Program	12
8	Patent Publications	14
9	Journal Publications	14
10	Internships	15
11	MoU	15

1. Vision and Mission

Vision of the Institute:

To produce ethical, socially conscious and innovative professionals who would contribute to sustainable technological development of the society.

Mission of the Institute:

To impart quality engineering education with latest technological developments and interdisciplinary skills to make students succeed in professional practice.
To encourage research culture among faculty and students by establishing state of art laboratories and exposing them to modern industrial and organizational practices.

To inculcate humane qualities like environmental consciousness, leadership, social values, professional ethics and engage in independent and lifelong learning for sustainable contribution to the society.

Vision of the Department:

To become a leader in providing Computer Science and Engineering education with emphasis on knowledge and innovation.

Mission of the Department:

- To offer flexible programs of study with collaborations to suit industry needs.
- To provide quality education and training through novel pedagogical practices.
- To expedite high performance of excellence in teaching, research and innovations.
- To impart moral, ethical values and education with social responsibility.

2. PEO/PO/PSO's

PROGRAM EDUCATIONAL OBJECTIVES

After 3-5 years of graduation, the graduates will be able to

PEO1: Apply technical concepts, Analyze, synthesize data to Design and create novel products and solutions for the real life problems.

PEO2: Apply the knowledge of Computer Science Engineering to pursue higher education with due consideration to environment and society.

PEO3: Promote collaborative learning and spirit of team work through multidisciplinary projects

PEO4: Engage in life-long learning and develop entrepreneurial skills.

PROGRAM OUTCOMES

Engineering Graduates will be able to:

PO1. Engineering knowledge: Apply the basic knowledge of mathematics, science and engineering fundamentals along with the specialized knowledge of Computer Science and Engineering to understand complex engineering problems.

PO2. Problem analysis: Identify, formulate, design and analyze complex engineering problems using knowledge of science and engineering.

PO3. Design/development of solutions: Develop solutions for complex engineering problems, design and develop system components or processes that meet the specified needs with appropriate consideration of the public health and safety, and the cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Formulate engineering problems, conduct investigations and solve using research-based knowledge.

PO5. Modern tool usage: Use the modern engineering skills, techniques and tools that include IT tools necessary for computer science engineering practice.

PO6. The engineer and society: Apply the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities during professional practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10. Communication: Communicate effectively on complex engineering activities to various groups, ability to write effective reports and make effective presentations.

PO11. Project management and finance: Demonstrate and apply the knowledge to understand the management principles and financial aspects in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in Independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES

At the end of 4 years, Computer Science and Engineering graduates at MCET will be able to:

PSO1: Apply the knowledge of Computer Science and Engineering in various **domains** like networking and data mining to manage projects in multidisciplinary environments.

PSO2: Develop software applications with open-ended programming environments**.**

PSO3: Design and develop solutions by following standard software engineering principles and implement by using suitable programming languages and platforms

3. Message from the Head of the Department



The Department was established in the year 2008 with an intake of 60 and subsequently enhanced to 120 in 2010. The present student strength is 300+ and faculty strength is 29. The department constitutes a group of energetic, experienced and well qualified faculty from industry and academia. The department houses state-of-the laboratories providing hands-on training and thus encouraging them to build major and minor projects. The alumni of the department are well placed in core companies and MNCs. The department instills quality education with holistic development.

The students are encouraged to train and update their technical skills through various in-house trainings, knowledge transfer workshops, value added courses and project exhibitions. They are motivated to improve their communication & written skills through special trainings, to participate in extra-curricular activities, sports etc. The students are continuously evaluated through internals and quizzes. The slow learners are monitored with much more care and hence are uplifted towards betterment.

The department emphasizes a student – centric and friendly learning environment by systematically balancing academics and activities. The Faculties and students always work in tandem in organizing the various college level activities and technical fests. The relentless efforts of the faculty have helped the department in earning a good name & fame in a short span of time.

4. Events Organized

A

One Day Session

on

Google Cloud Career Practitioner Campaign

The Department of CSE organized Google Cloud Career Practitioner Campaign Session from 4th November to 14th November, 2022, organized by Google Developer Student Club of Department of Computer Science where the Cloud & DevOps team made sure to solve the queries of all the attendees.











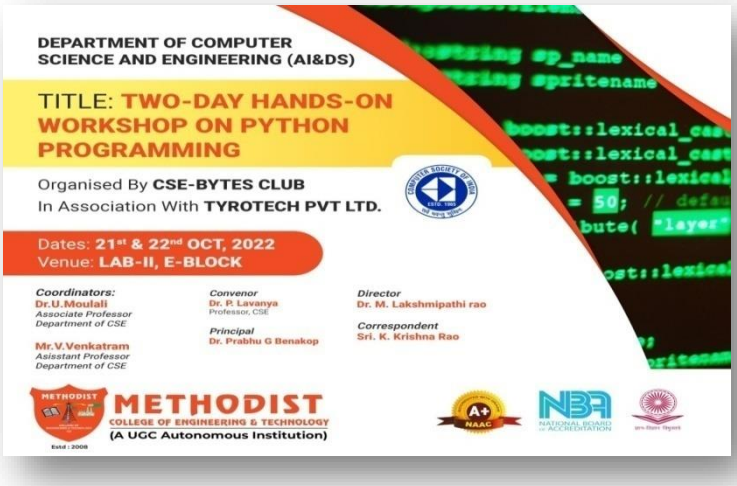
A

A Two Day Hands-on Workshop

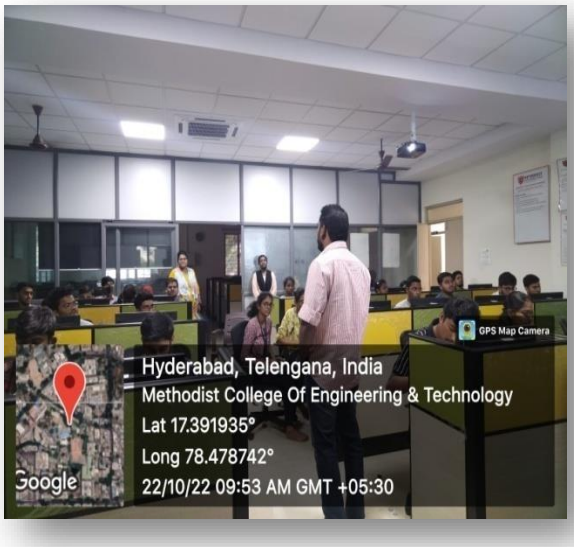
on

Python Programming

A Two Day Hands-on Workshop on "Python Programming" was organized by the Department of CSE (AI&DS) from 21st Oct. 2022 to 22nd Oct. 2022 in Association with TyroTech Pvt Ltd. This Workshop was organized for B.E V Semester CSE and AI&DS students to improve python programming skills for effective use in the development of Artificial Intelligence projects.

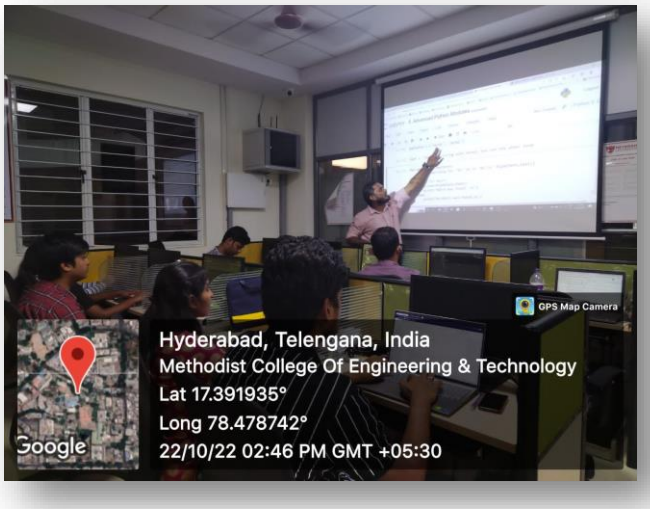


Banner of the Workshop on "Python Programming"



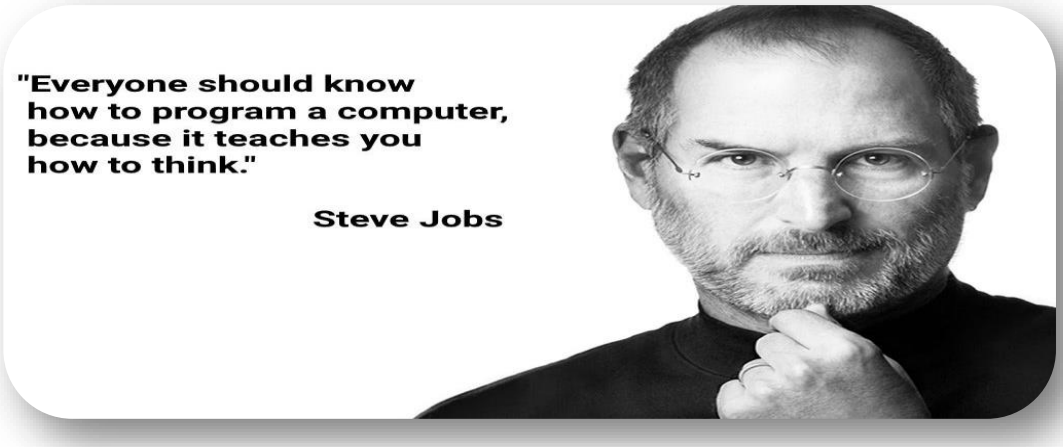


The Resource Person Mr.Shaik Khalandar, Assistant Professor, SNIT explained the importance of python data structures and the significance of numpy and pandas library.





All the students have shown much enthusiasm in the workshop which made it a success.



Honeywell Student Empowerment Program (UI Path Training)

A Honeywell Student Empowerment Program on UI Path was organized by the Department of CSE in association with Honeywell and ICT Academy from 21st Nov. 2022 to 07th Dec. 2022. This Training was organized for B.E VII Semester CSE students to train the students on robotic process automation tool for large scale end-to-end automation.



Banner of Inaugural Ceremony

All the mentors motivated and enabled students to get certified in Ui Path Certified RPA Associate







A CSR initiative sponsored by

Honeywell

Implemented by

ICTACADEMY

Student Empowerment Program

Sponsored by Honeywell

CERTIFICATE OF APPRECIATION

This is to certify that

V SANDHYA RANI

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD

as the mentor has successfully motivated and enabled students to get certified in UiPath Certified RPA Associate (UiRPA) under Honeywell Student Empowerment Program held from 22 November 2022 to 07 December 2022.

4666-86291 | 07 December 2022

Authorized Signatory Honeywell

Hari Balachandran CEO, ICT Academy



A CSR initiative sponsored by

Honeywell

Implemented by

ICTACADEMY

Student Empowerment Program

Sponsored by Honeywell

CERTIFICATE OF APPRECIATION

This is to certify that

THOTA MANASA

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD

as the mentor has successfully motivated and enabled students to get certified in UiPath Certified RPA Associate (UiRPA) under Honeywell Student Empowerment Program held from 22 November 2022 to 07 December 2022.

4666-86289 | 07 December 2022

Authorized Signatory Honeywell

Hari Balachandran CEO, ICT Academy



All the students were successfully certified in UiPath RPA Associate under the guidance of their mentors.

5. Placements

S.No	Student Name	Roll No	Employee Name
1	Mawani Swamy	160719733001	Alight Solutions, HCL,TTEC Digital
2	Santosh Naga Manideep Bhonagiri	160719733002	Alight Solutions, Musigma
3	Nikhil Podishetty	160719733007	HCL,Tech Mahindra
4	Gale Praveen	160719733008	Alight Solutions, TTEC Digital
5	Anudeep Aryepally	160719733011	HCL, Musigma
6	Ch. Pravisha	160719733013	HCL
7	Sirnam Karthik Kumar	160719733016	Musigma,Sureify Labs Technology Pvt Ltd
8	Ramya Duppalli	160719733020	HCL,STIC Soft
9	L Sai Prakhyaath	160719733021	Tech Mahindra
10	Bobbala Rohit Reddy	160719733022	HCL
11	Manjrekar Dhruv Teja	160719733023	Salesforce
12	Sindhuja Joginpally	160719733025	HCL
13	Anandas Sowmya Chitra	160719733026	Alight Solutions, HCL,Salesforce, TTEC Digital
14	B Rakesh	160719733034	STIC Soft
15	Yerram Karthikeya	160719733035	HCL, TTEC Digital
16	Sphurthi Gullipalli	160719733037	KYNDRYL IBM
17	Mallam Praharsha Goud	160719733038	HCL
18	Manideep Thogiti	160719733041	HCL, TCS,Musigma,Tech Mahindra
19	Sai Dhanush Mylarishetty	160719733043	Alight Solutions, HCL
20	Mohd Sujath Ahmed Basha	160719733044	HCL
21	M.Sai Pranav	160719733046	HCL
22	D.Sai Dikshit	160719733047	HCL
23	Pulipati Bhavani	160719733056	HCL, TTEC Digital
24	Birru Sathwika	160719733058	HCL
25	Shravya Molugu	160719733059	KYNDRYL IBM, TTEC Digital
26	Np Jayalakshmi Neha	160719733061	Alight Solutions, HCL, TTEC Digital
27	Pradeep Singh	160719733062	TCS
28	Nakka Leela Krishna	160719733064	HCL
29	Aila Shreyas	160719733066	HCL, TTEC Digital
30	Kudikala Sreelekha	160719733067	HCL,STIC Soft
31	S Architha	160719733068	HCL
32	Architha Sheyella	160719733068	KYNDRYL IBM

33	Chennu Ambica	160719733070	Alight Solutions, HCL,Musigma
34	Bure Kavitha	160719733071	HCL, STIC Soft
35	Kandikanti Rhea Goud	160719733073	TTEC Digital,Hcl Kyndryl Ibm, Musigma, Tech Mahindra
36	Maliga .Sathvika	160719733076	HCL
37	G.Vijith Pramod	160719733077	HCL
38	Vutukotu Aparna	160719733079	HCL,STIC Soft,Zentree Labs
39	D Kiran Kumar	160719733080	HCL,Musigma,Zentree Labs
40	Ramesh Mudavath	160719733085	HCL
41	Bharath Reddy Bayyaram	160719733087	HCL
42	P. Naveen	160719733091	HCL
43	Kaushik Pabbu	160719733092	Alight Solutions, HCL
44	T Sujith Reddy	160719733096	HCL
45	Gaurav Pawar	160719733102	HCL
46	Dakshita Paithara	160719733104	Alight Solutions, HCL
47	A.Devan	160719733302	HCL
48	Shivakoti Vinay	160719733306	HCL
49	More Manasa	160719733307	TTEC Digital



6. Value Added Courses

S.No	Name of the course	Semester	No of Students Successfully completed
1	Python-Cisco	IV & VI SEM	45
2	DEVNET ASSOCIATE	VI SEM CSE A & B	85

7. Faculty Development Programme

7.1 Faculty Development Programme Organized

S. No.	Name of FDP	Date of FDP	Duration	No. of Participants	Sponsor
1	Machine Learning Deep learning and computer vision	19/9/22-23/9/22	5 Days	78	MCET in collaboration with NITW

7.2 FDPs/STTPs/Conferences / Workshops attended by Faculty

S.No.	Name of the faculty	Name of the Event	Date of the Event
1.	Dr. LavanyaPamulaparthy	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
2.	Dr. M Sharada Varalakshmi	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
3.	Dr. T .Praveen kumar	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
4.	Dr. Shaik Khaleel Ahamed	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
5.	Dr. Syed Azahad	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
6.	Dr. U. Moulali	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
7.	Dr. Shaik Khaleel Ahamed	Artificial Intelligence and Cloud Services	31-10-22 to 04-11-22.
8.	Dr. Diana Moses	Short-Term Course on Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
9.	Dr.G.Saritha	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
10.	Mr. Deva Rajashekar	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.

11.	Mrs. Unnati Mohan Kanapurkar	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
12.	Mrs. B Sowjanya	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
13.	Mr. M V D S Krishna Murty	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
14.	Mr. Ravikanti Sandeep	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
15.	Mrs. Deepthi Joshi	FDP on Artificial Intelligence and Cloud Services	31-10-22 to 4-11-22.
16.	Dr.Shruthi SK	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
17.	Dr Diana Moses	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
18.	Er Sandeep Ravikanti	FUSION 2022	15-12-22.
19.	Mrs.Unnati Khanapurkar	National Intellectual Property Awareness Mission	17 August 2022
20.	Mrs. Unnati Khanapurkar	Short-Term Course on Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
21.	Mr. Shaik Rasool	Short-Term Course on Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
22.	Mrs. J Sowmya	Machine Learning Deep Learning and Computer Vision	26-9-22 to 30-9-22.
23.	Mr. Srinu Dharavath	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
24.	Mrs. ShaziyaJabeen	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
25.	Mr. P.V.Ramanaiah	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
26.	Mrs. Vasavi sravanthi B	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
27.	Mr. Venkatram Vennam	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
28.	Mrs. A Sowjanya	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
29.	Mr. A.Senthil Kumar	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.
30.	Ms. Sana Mateen	Machine Learning Deep learning &computer Vision	26-9-22 to 30-9-22.

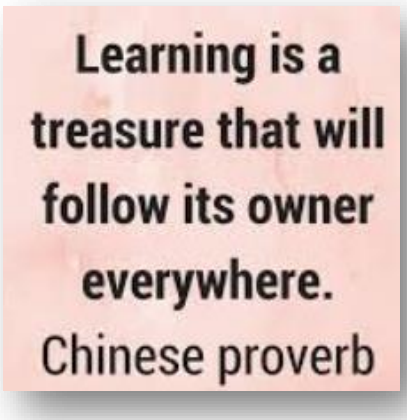
8. Patent Publications

S.No	Name of faculty	Title of the Working Models/Products	Academic Year
1	Dr. Khaleel Ahamed	German Patent Granted on Smart and Compact Television Touch Screen Remote Control	2022-23
2	Dr. M Sharada Varalakshmi	Computer System Based On Radio Communication Technology And Method Thereof	2022-23



9. Journal Publications

S.No	Faculty Name	Title of the Paper	Name of the Journal	ISSN / ISBN No
1.	Dr.G.Saritha	Design of ChaApache framework for securing Hadoop application in big data	Multimedia Tools and Applications	11042-022-13944-3



10. Internships

A.Y	Name of the Company	No. Of Students
2022-2023	MU SIGMA	7
	SALESFORCE	2
	SUREIFY LABS TECHNOLOGY PVT LTD	1
	PLANETSPARK	1
	TTEC DIGITAL	10
	KYNDRYL-IBM	4
	TECH MAHINDRA	4
	ALIGHT SOLUTIONS	8
	STIC SOFT SOLUTIONS PVT LTD	2
	Q SPIDERS	8
	ZENTREE LABS	2
	TCS	2
	HCL	38
	CONNX COMMUNICATIONS PRIVATE LIMITED	1
TOTAL		**90**

10.1 Internships organized

Semester	Title	No.of Participants	Duration	Collaborations
IV & VI SEM	INDIA_INTERNSHIP_METHODIST COLLEGE OF ENGG&TECHNOLOGY_NETWORKS	36	26-05-22 TO 01-10-22	CISCO

11. Memorandum of Understanding

S.No	Name of Organization	Location
1	Osmania Technology Business Incubator (OTBI)	Hyderabad
2	AI-SHALA Technologies Pvt. Ltd.	New Delhi
3	Sales force	Hyderabad
4	Robotic Process Automation	Hyderabad

3	Centre of Academic Excellence (Dell EMC)	Hyderabad
4	Cisco Networking Academy (CISCO)	Hyderabad
5	Oracle Workforce Development (OWFD)	Hyderabad
6	Computer Society of India (CSI)	Hyderabad
7	ICT Academy (ICT)	Chennai
8	Spoken Tutorials (IIT Mumbai)	Mumbai
9	Telangana Academy for Skill and Knowledge (TASK)	Hyderabad
10	SUSI	Hyderabad

