MADHAV INSTITUTE OF
TECHNOLOGY & SCIENCE

TECH SAGA

CSE DEPARTMENT

Oct-Dec 2021 Issue

Contents

01 Publications

02 FDP Attended

03 Course Attended By Faculty

03 Books Published

04 Student Achivements

06 Activities Organized

07 Club Activity

08 MOU with GITHUB

09 MOU with CODE CHEF

10 Alumni Meet

12 Internship Offered

Editorial Board

Faculty Members-

- Dr. Manish Dixit, Prof. & Head (Chairman)
- Prof. Amit Kumar Manjhvar
- Prof. Ankita Sengar

Student Members-

- Ishan Shukla (3rd Year)
- Mranalini Joshi (3rd Year)
- Asmita Jain (2nd Year)

Publications

1. Anupam Sharma, Mahesh Parmar, A Survey on Text Pre-Processing and Feature Extraction Techniques for Sentiment Analysis of Twitter Data. International Research Journal of Computer Science (IRJCS). 20 December 2021, Volume 08, Issue 12, PP: 271-278, ISSN: 2393-9842, DOI: https://doi.org/10.26562/irjcs.2021.v0812.001

2. Ruchi Jayaswal, Dr. Manish Dixit, “Detection of Hidden Facial Surface Masking in Stored and Real Time Captured Images: A Deep Learning Perspective in Covid Time”, IIETA-Traitement du Signal, ISSN: 0765-0019, Vol. 38, No.6, December 2021, pp. 1875-1885 DOI: https://doi.org/10.18280/ts.380632

3. Devanshu Tiwari, Dr. Manish Dixit, Kamlesh Gupta, “Deep Multiview Breast Cancer Detection: A Multi-View Concatenated Infrared Thermal Images Based Breast Cancer Detection System Using Deep Transfer Learning”, IIETA-Traitement du Signal, ISSN: 0765-0019, Vol. 38, No. 6, December 2021, pp.1699-1711 DOI: https://doi.org/10.18280/ts.380613

FDP Attended

Dr. Parul Saxena Attended ATAL online FDP on Project Management from 20/12/2021 to 24/12/2021 organized by IIT Roorkee.

Course Attented By Faculty

Dr. Parul Saxena successfully completed NPTEL-AICTE FDP of 8 week course “Cloud Computing” with a consolidated score of 68% (Elite) Aug-Oct 2021.

Books Published in Oct - Dec

Shradha Dubey, Dr. Manish Dixit, “Applying Deep Learning and Computer Vision for Early Diagnosis of Eye Diseases”, Bentham Series, Disease Prediction using Machine Learning, Deep Learning and Data Analytics (DPML-21).

STUDENT ACHIEVEMENTS

At National and International Level

Janhvi Singhal from B.Tech. CSE 4th year completed NPTEL course during October-December 2021, got a certificate from NPTEL.

Nitanshi Chandil B.Tech CSE 2nd year participated on the quiz tech quizophlic conducted by Asimov MITS.

Sakti Sagar B.Tech CSE 2nd year participated in the child rights day held on 20 Nov 2021 by Journalism Society MITS Gwalior.

Start where you are.
Use what you have.
Do what you can.

Avinash Tiwari B.Tech CSE final year student won state level basketball tournament organized by RGPV.

Activities Organized

at Institute level

Workshop
Conference
FDP
STC

- **On the occasion of "Human Rights Day" on 10th December 2021 an expert talk was organized. Rohit Sharma, Author MP Migrant Report, 2021, and Swapnil Shukla, Co-Founder Zenith Society for Socio Legal Empowerment were the speaker of this event. Prof. Anish P. Jacob, Chemical Department & Dr. Anjula Mehto, CSE Department was the faculty coordinators of this event**

- **On the occasion of International "Child's Right Day" on 20th November 2021 an expert session was organized. The speaker of the session was Dr. Shaleen Sharma, Asst. Director, Department of Women & Child Development, Gwalior. Prof. Anish P. Jacob, Chemical Department & Dr. Anjula Mehto, CSE Department was the faculty coordinators of this event in association with the Journalism Society of MITS.**

event city

बच्चों को सम्मान देने के साथ किया अवेयर

एमआइटीएस में एक्सपर्ट सेशन

पत्रिका plus रिपोर्टर

ग्वालियर. एमआइटीएस की जर्नलिज्म सोसाइटी की ओर से अंतरराष्ट्रीय बाल अधिकार दिवस के उपलक्ष्य में ऑनलाइन एक्सपर्ट सेशन रखा गया। मुख्य अतिथि के रूप में डॉ. शालीन शर्मा, असिस्टेंट डायरेक्टर महिला एवं बाल विकास विभाग उपस्थित रहे। कार्यक्रम में किड्स वर्ल्ड स्कूल, गवर्नमेंट हायर सेकंडरी स्कूल के बच्चों ने हिस्सा लिया। डॉ. शर्मा ने बच्चों के अधिकारों के बारे में जानकारी देते हुए बताया कि आज के युवाओं को किस तरह की सोच के साथ आगे बढ़ना चाहिए और जिन बच्चों के पास संसाधन नहीं हैं, उनके लिए जितना हो सके उतने संसाधन देने का प्रयास करें। इसी क्रम में गत दिवस बाल अधिकार थीम पर पोस्टर मेकिंग एवं क्रिएटिव राइटिंग प्रतियोगिता हुई थी, जिसके विजेताओं को भी सेशन के दौरान सम्मानित किया गया।

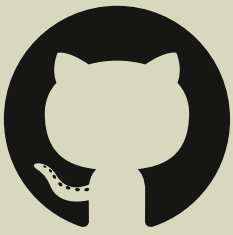
CLUB ACTIVITY

Dr. Parul Saxena, Dance club coordinator organized Garba Nights on 21st – 22nd Oct., 2021 in the Institute.

Dance is the joy of movement and the heart of life

CSE Department Signed MOU with Github

An MOU has been signed with GitHub in accordance to GitHub's Education Partner Program which will enable you to have access to various GitHub products which could be used for academic and commercial use. GitHub is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management (SCM) functionality of Git, plus its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, continuous integration and wikis for every project. It has it's headquarter in California; it has been a subsidiary of Microsoft since 2018.It is commonly used to host open-source projects. As of November 2021, GitHub reports having over 73 million developers and more than 200 million repositories (including at least 28 million public repositories) It is the largest source code host as of November 2021. GitHub is the best place to



share code with friends, co-workers, classmates, and complete strangers. Over 31 million people use GitHub to build amazing things together across 97+ million repositories. With all the collaborative features of GitHub, it will be easier for individuals and teams to write faster, better code.

CSE Department Signed MOU with CODECHEF

An MOU has been signed with CodeChef, Which shall provide one-year free access to its platform, to the students and faculty of the College. CodeChef will create periodic practice sessions and assessment-based tests (for grading).

CodeChef is an educational program and competitive programming community of programmers from across the globe. CodeChef was started as an educational initiative in the year 2009. Code Chef was created as a platform to help programmers make it big in the world of algorithms, computer programming and programming contests. At Code Chef, they work hard to revive the geek in you through the medium of competitive programming. They conduct monthly programming contests and have been working constantly to better the programming scenario in India.

ALUMNI Meet

CSE department organized an alumni meet on 23/12/2021. The alumni from passing batch 2005 to 2021 shared their experiences at the Institute as well as their work experiences. Many alumni members expressed their interest to train & arrange industry internships to final/ third year students for corporate I.T. placements and provide a learning path for 1-2 Year students to get ready for Placements. The alumni were motivated to provide mentorship for projects/ideas that can help in making open source code contributions. The alumni showed interest to interact with Students to motivate them to reach a path that is Industry Oriented and can help them make their pathway to achieve the goals in their life.

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR
Department of Computer Science and Engineering
is organising
ALUMNI MEET 2021
Dec 23 THURSDAY
Google Meet Code -
hyf-sheg-mdp
OBJECTIVES OF THIS SUMMIT -
1. To provide guidance for better employment and higher studies.
2. To promote the campus placements through the alumni working in reputed industries in India and abroad.
3. To get the valuable advice of the Alumni in the overall development of the college.
For any Queries
Aditya - 9589963354S
Organised by
DEPARTMENT ALUMNI CELL

Notable Achievements

Glimpse of Infrastructure & Facilities of the Institute

Departmental Competencies

Departmental Faculty Profile

Internship Offered

Following Renowned company offered internship for CSE final year students:

- Jindal Steel & Power limited
- Amazon
- Shine TechSoft
- Wipro
- Ypsilon It Solution
- Newgen software
- Morgan Stanley
- Persistent Systems
- Praedico Global Research Pvt. Ltd.
- Infosys
- Capillary Technologies