

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

DEEMED TO BE UNIVERSITY

(DECLARED UNDER DISTINCT CATEGORY BY MINISTRY OF EDUCATION, GOVERNMENT OF INDIA)

NAAC ACCREDITED WITH A++ GRADE

OCTOBER - DECEMBER 2024

NEWSLETTER

09/01/2025

Computer Science and Engineering



EDITORIAL BOARD MEMBERS:

FACULTY MEMBERS:

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(PROF. AND HEAD)

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(E-NEWSLETTER COORDINATOR)

STUDENT MEMBER:

ABHISHEK TIWARI
(CSE 4TH YEAR)

HIMANSHU SINGH CHAUHAN
(CSE 4TH YEAR)

CONTENTS:

(I) PUBLICATION

(II) FDP/STTP ATTENDED

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**(V) HEARTFULLNESS MEDITATION
AND YOGA**

(VI) DIWALI DAZZLE ART COMPETITION

(VII) LAGACY OF VALOUR

(COMMORATIVE DAY CELEBRATION)

**(VIII) GEEKS FOR GEEKS STUDENT
CHAPTER UNDER CSE DEPARTMENT**

Publication

1. Amit Kumar Manjhvar , Deepak Batham, Mahesh Parmar, and Vikas Sejwar," Prediction of Benign and Malignant Breast Cancer using Machine Learning Techniques: A Review and Comparative Analysis, 1st International Conference on Advanced Computing and Emerging Technologies (ACET), SCOPUS
- 2.Soni, Aman, Jigyasa Mishra, and Manish Dixit," Comparative Study of Bank Customers Churn Prediction using AI/ML", IEEE 13th International Conference on CSNT 2024.
- 3.Dubey, Aditya, Nitin Dixit, Rakhi Arora, Jigyasa Mishra, Desh Deepak Shrivastava, and Shreshtha Kinger, "Challenges and Opportunities in Digital Image Watermarking", 2024 First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT)
- 4.Mahesh Parmar, Akhilesh Tiwari," Enhancing Text Classification Performance Using Stacking Ensemble Method with TF-IDF Feature Extraction", IEEE sponsored 5th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2024)
- 5.Ganesh, Chandra, Sanjay K. Dwivedi, Satya Bhushan Verma, and Manish Dixit," Image Based Deep Learning Approach for Plant Disease Detection", Journal of Computational Analysis and Applications (JoCAAA), 1572-9206 (Scopus).
- 6.Agrawal, Rohit, Kuldeep Narayan Tripathi, Ranjeet Kumar Singh, Nitin Arvind Shelke, and Umesh Gupta.," A Secure Image Authentication Technique based on Sparse Approximation and Quantum Mechanism", Digital Signal Processing
- 7.Chandra, Ganesh, Amit Asthana, Mahima Shanker Pandey, Manish Dixit, Sanjay K. Dwivedi, and Anand Prakash Dwivedi. "A Performance Evaluation of Cross-lingual and Monolingual IR." In International Conference on Computing and Communication Systems for Industrial Applications, pp. 45-55. Singapore: Springer Nature Singapore, 2024.
- 8.Rohit Agarwal," QMCS-IAS: Quantum mechanism and compression sensing-based image authentication and security technique ",Journal: Multimedia Tools and Applications (Q1 Journal)
- 9.Amit Bhagat, Dharmendra Dangi, Vaibhav Suman,Dheeraj Kumar Dixit, Suvarna Sharma," Fake News Detection Using ARO and LSTM Algorithms", SN Computer Science, <https://doi.org/10.1007/s42979-024-03574-x>.
- 10.Ratmele, A., Dhanare, R. & Parte, S. Octave convolutional multi-head capsule nutcracker network with oppositional Kepler algorithm based spam email detection. Wireless Netw (2024). <https://doi.org/10.1007/s11276-024-03837-8>.
- 11.Ganesh Chandra, Namita Tiwari, Urmila Mahor, Parashuram, Vikas Yadav and Deepak Kumar Mishra," Computational Analysis of Diabetes Kidney Disease using Machine Learning ,06 Jan 2025.
- 12.Ganesh Chandraa , Sanjay K. Dwivedib , Satya Bhushan Vermac , Manish Dixit," A Systematic Analysis of Various Word Sense Disambiguation Approaches", ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Vol. 13 (2024), e31602 eISSN: 2255-2863, <https://doi.org/10.14201/adcaij.31602>.
- 13.Ganesh Chandra , Amit Asthana, Mahima Shanker Pandey, Manish Dixit, Sanjay K. Dwivedi & Anand Prakash Dwivedi ,"A Performance Evaluation of Cross-lingual and Monolingual IR", Proceedings of International Conference on Computing and Communication Systems for Industrial Applications, pp 45-55, :16 October 2024.

FDP/STTP ATTENDED:

- 1. Prof. Amit Kumar Manjhvar attended on line workshop title" Research, writing and Analysis" , duration 11/11/2024 to 22/11/2024, organised by IIT ISM DHANBAD.**
- 2. Dr. Praphula Kumar Jain attended on line workshop title" Research, writing and Analysis" , duration 11/11/2024 to 22/11/2024, organised by IIT ISM DHANBAD.**
- 3. Dr. Jaimala Jha successfully completed one week FDP on "RECENT ADVANCEMENT IN AI & IOT – INDUSTRY PERSPECTIVE", duration 25/11/2024 to 30/11/2024, Organized by PMIST, Vallam.**
- 4. Dr. Smita Parte participated in one week short term training program on " Transformative AI Tools for research writing : Comprehensive Techniques and best practices", organized by MLR Institute of Technology, Hyderabad, 30/09/24-05/10/24.**

NPTEL COURSES:

- 1. Dr. Dheeraj Kumar Dixit successfully completing the course Data science for engineers, duration July–Sept 2024.**
- 2. Dr. Smita Parte successfully completing the course Design & Implementation of Human–Computer Interfaces and Cyber Security and Privacy.**
- 3. Dr Rahul Dubey successfully completed the NPTEL course Data science for engineers with gold medal and Topper 2%.**
- 4. Dr Rahul Dubey successfully completed the NPTEL course Deep Learning with silver medal and Topper 1%.**
- 5. Dr Rahul Dubey successfully completed the NPTEL course The Joy of Computing Using Python.**

FACULTY RECOGNITION:

1. Prof. Amit Kumar Manjhvar successfully Participatin in “**Dharti Aaba Bhagwan Birsa Munda - Janjatiya Nayak Ji quiz**”, Which was Organized by Ministry of Tribal Affairs, Govt. of India.



2. Prof. Amit Kumar Manjhvar successfully Participatin in the “**QUIZ ON 75 YEARS OF INDIAN CONSTITUTION**” , Which was Organized by Ministry of Defence, Govt. of India.



3. **Dr. Manish Dixit, Prof. & Head CSE Dept.**, contribution as a Reviewer for IEEE sponsored International Conference on Advances in Computing Research on Science Engineering and Technology (ACROSET) to be held at Acropolis Institute of Technology and Research Indore, India on 27-28 September 2024.



4. **Dr. Manish Dixit, Prof. & Head CSE Dept.**, contribution as a session chair TS 02: Advances in Intelligent Computing, Sustainable Engineering Systems and Practices in the 6th International conference on sustainable and innovative solutions for current challenges in engineering and technology (ICSISCET 2024) held during October 26-27, 2024.



WORKSHOP ORGANIZED:

1. Technical Workshop of DSA with Java

Enhance participants' understanding of fundamental data structures (arrays, linked lists, stacks, queues, trees, graphs) and algorithms (sorting, searching, recursion, dynamic & Programming:- Develop hands-on experience with implementing DSA concepts in Java. Participants will gain hands-on experience with Java programming. Participants will develop critical thinking and problem-solving skills. Participants will network with industry professionals and peers. Participants will enhance their employability skills for software development roles.



2. "Mandatory Workshop on "Indian Constitution and Traditional Knowledge"

The Mandatory Workshop on Indian Constitution and Traditional Knowledge aims to explore the legal and constitutional frameworks surrounding traditional knowledge systems in India with first-year students who come under the scheme on NEC 2020. The primary objective is to understand how the Indian Constitution protects and preserves traditional knowledge, culture, and practices while addressing the challenges of modern legal systems and intellectual property rights. The workshop seeks to bridge the gap between traditional wisdom and contemporary law, fostering dialogue on safeguarding indigenous knowledge within the legal context. It also aims to promote awareness of the importance of traditional knowledge in sustainable development, cultural preservation, and national identity.

Some Glimpses of the Activity:



3. "Heartfulness meditation and yoga"

Prof. Mahesh Parmar Organized "Heartfulness meditation and yoga", Workshop on 30 Nov 2024. The primary objective of the Workshop titled "Heartfulness meditation and yoga", was to introduce students to the Heartfulness meditation technique, provide them with a practical experience of the meditation process, and highlight its benefits. The session aimed to promote well-being, inner peace, and mental clarity among students, while fostering a sense of spiritual growth and self-awareness. Through detailed explanations of the meditation and cleaning processes, the event sought to inspire students to integrate Heartfulness practice into their daily lives.





GPS Map O

Gwalior, Madhya Pradesh, India
66j4+j73, Mela Ground, Thatipur, Gwalior,



Gwalior, Madhya Pradesh, India
66j4+gg2, Mela Ground, Thatipur, Gwalior,
Madhya Pradesh 474011, India
Lat 26.231747° Long 78.205984°
30/11/24 11:35 AM GMT +05:30

NSS ACTIVITY



The Gandhi Jayanti and Lal Bahadur Shastri Jayanti celebration organized by the Department of Computer Science and Engineering was a meaningful tribute to two of India's most revered leaders. Through engaging activities and reflections, we were reminded of the timeless values of peace, non-violence, integrity, and service to the nation that Mahatma Gandhi and Lal Bahadur Shastri embodied. The event inspired students to embrace these principles in their personal and professional lives, reinforcing the importance of ethical leadership, social responsibility, and unity. As we move forward, may we continue to honor their legacy by striving to make a positive impact in our communities, just as these visionary leaders did.



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE,
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**CSE Department & NSS MITS-DU
is remembering**

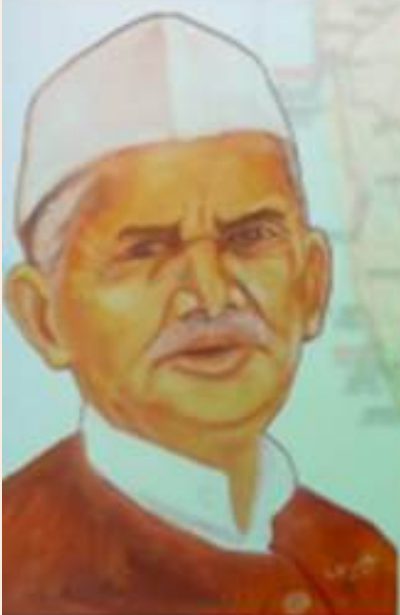
**Mahatma Gandhi
and
Lal Bahadur Shastri**

On the occasion of

**“Gandhi Jayanti” &
“Lal Bahadur Shastri Jayanti”**

On

2nd October '24



-Lal Bahadur Shastri



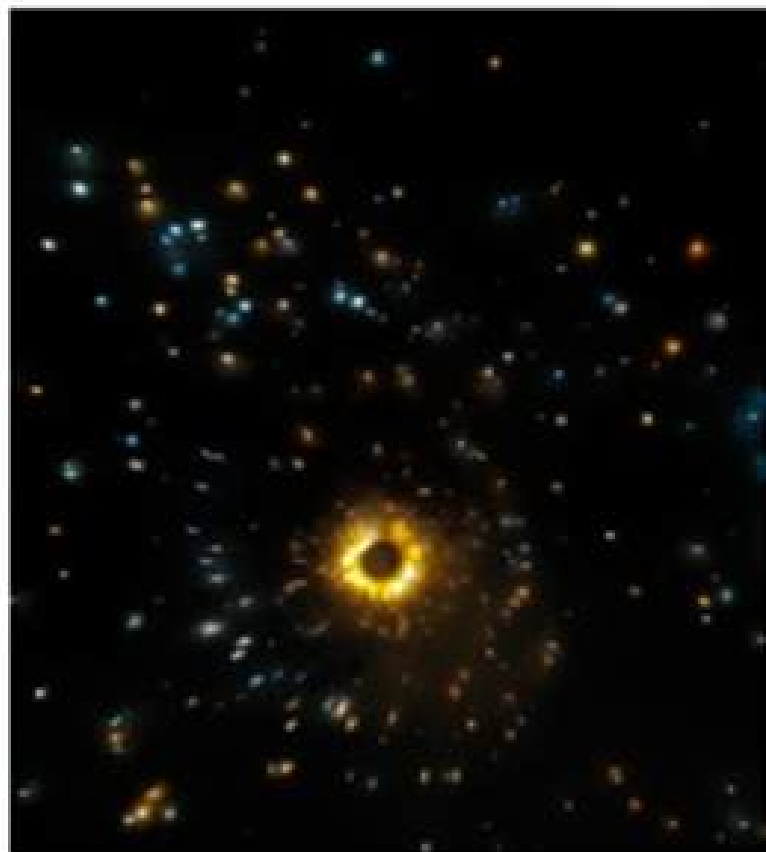
-Mahatma Gandhi

DIWALI DAZZLE ART COMPETITION:

Showcasing ideas related to celebration and Creativity of a person in Festival, Develop participants' critical thinking and analytical skills by engaging them in Creativity and Ideas.



SOME GLIMPSES OF THE ACTIVITY



 Madhav Institute of Technology & Science, Gwalior (M.P.), INDIA
Deemed University
(Declared under Distinct Category by Ministry of Education, Government of India)
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DIWALI DAZZLE

CAPTURING THE FESTIVAL THROUGH MOST
BEAUTIFUL WAYS

HAPPY
Diwali

Show Your Creativity
Rangoli, Gift Decoration, Home Decoration & More!



Create , Capture and Upload
No Registration Fee | Venue - Online
E-Certificates



Student Coordinators.

Vinayak Shrivastava 7828750783
Ayush Singh Rajput 7974042424
Keshav Kumar - 626557768





LEGACY OF VALOUR (COMMENORATIVE DAY CELEBRATION):

The Legacy of Valour Quiz Competition, organized by the MITS DU, Department of Computer Science and Engineering, concluded with a powerful tribute to the bravery and sacrifice of our freedom fighters. Through this event, participants were reminded of the unwavering courage and patriotism that paved the way for our nation's independence. The stories shared and discussions held served as a profound reminder of our collective duty to uphold the values they fought for. The event inspired students and faculty alike to honor this legacy in their daily lives, leaving a lasting impact that resonates with respect, gratitude, and pride for our freedom fighters.

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On the Occasion of
"Gandhi Jayanti" and "Lal Bahadur Shastri Jayanti"

Department of CSE
is Organising

"Legacy Of Valour"
वीरता की विरासत
A QUIZ COMPETITION

Registration Fees:
For Individual - ₹20/-
For Team Of 3 - ₹40/-

VENUE : Seminar Hall 6
DATE : 02nd Oct. '24
TIME : 11:00 AM

REGISTER NOW!!

Exciting Prizes For Winners!!
& E-Certificate For All.

Faculty Co-Ordinator:
Dr. Smrita Parth NSS Co-ordinator
Dr. Sunita Sharma Event Co-ordinator
Dr. Manish Dixit Prof. & HOD, Department of CSE

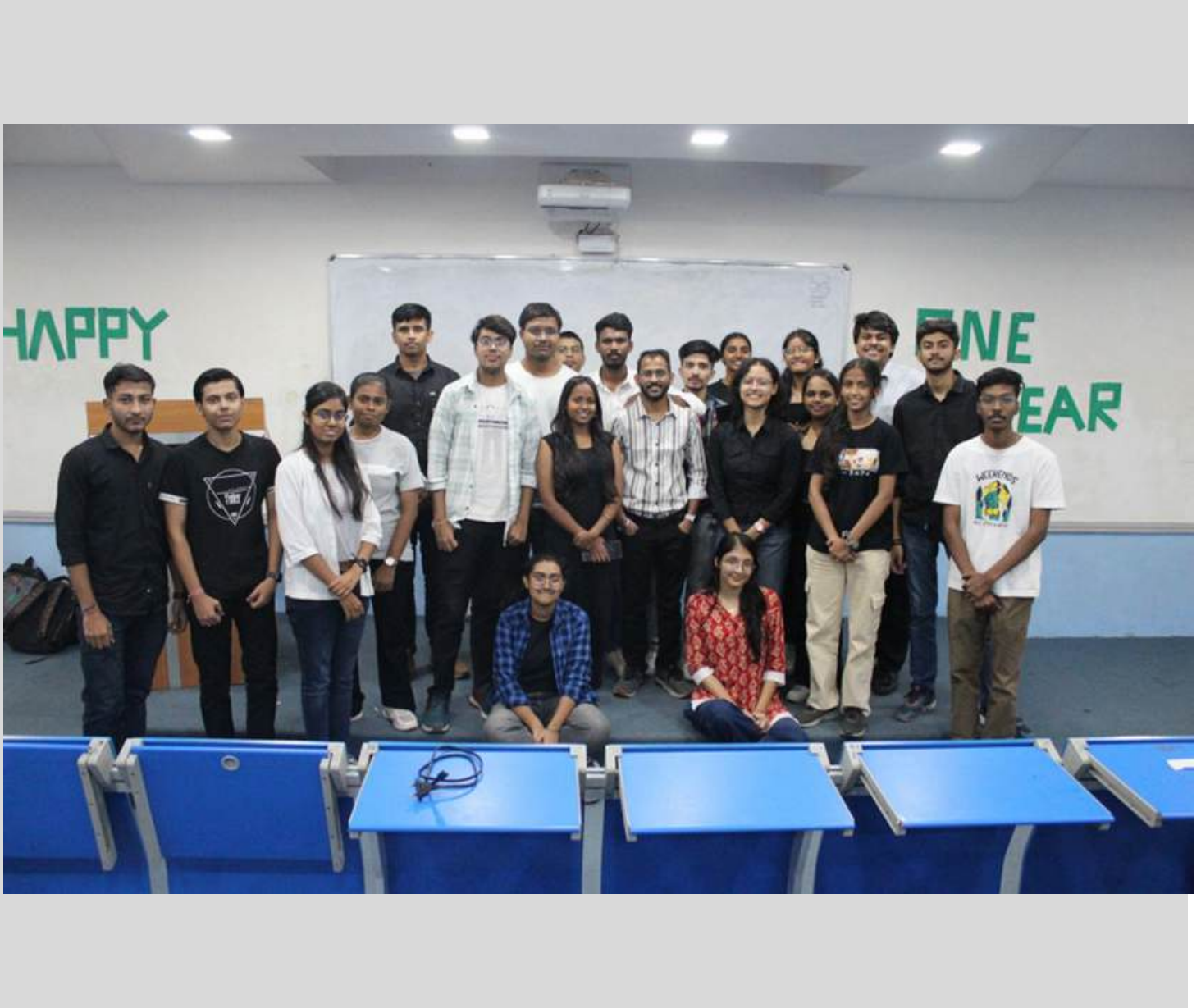
Student Co-Ordinator :
Akash Dixit - Vinayak Shrivastava
Ankur Sharma - Niharika Pachauri
Harshit Kumar - Keshav Kumar

Lal Bahadur Shastri Mahatma Gandhi

SOME GLIMPSES OF THE ACTIVITY



GeeksforGeeks Student Chapter under the CSE Department



In the span of september to December, To celebrate this achievement, we organized an event GeekToGrad on the 5th and 6th of October, 2024.

Thankyou