



अभिकलित्र संदेश

A monthly newsletter

of

Computer Science and Engineering Department

Madan Mohan Malviya University of Technology Gorakhpur

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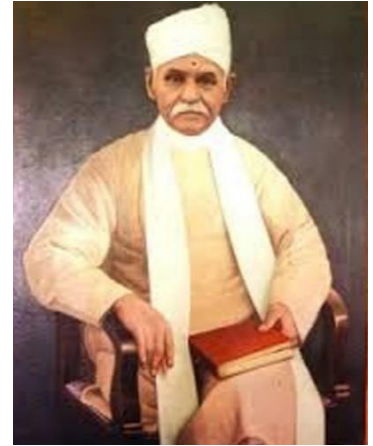
Faculty Advisors: Sri Gaurav Baranwal, Sri Rohit Kumar Tiwari

Editor-in-Chief: Sri M. K. Srivastava



REMEMBERING BHARAT RATNA MADAN MOHAN MALVIYA – AN EDUCATIONIST

Madan Mohan Malaviya (1861–1946) was an Indian educationist and politician notable for his role in the Indian independence movement and as the two-time president of Indian National Congress. He was respectfully addressed as Pandit Madan Mohan Malaviya and addressed as 'Mahamana'. He is founder of Banaras Hindu University (BHU) which was established in 1916, through a Parliamentary legislation, the 'B.H.U. Act 1915', and today it remains a prominent institution of learning in India. In 1939, he left the Vice-Chancellorship of BHU. Malaviya Ji was posthumously conferred with Bharat Ratna, India's highest civilian award, on 24 December 2014, a day before his 153rd Birth Anniversary. The slogan "Satyameva Jayate" (Truth alone triumphs) is also a legacy given to the nation by Pandit Malaviya as the President of the Indian National Congress in its session of 1918 at Delhi, by saying that this slogan from the Mundakopanishad should be the slogan for the nation. To commemorate Malviya Ji, a train named "Mahamana Express" between Delhi and Varanasi has been flagged off by Prime Minister of India Narendra Modi on 22nd Jan 2016.



GREETING FOR DUSSAHRA AND DIWALI FROM HEAD OF DEPARTMENT

May God, bless you with all the happiness and success on the auspicious occasion of Dussahra and Diwali. May you defeat all the evils of your life on this auspicious occasion. My humble suggestion to all of you is to focus on changing the things you can for betterment, and adapt to the things you cannot.

- Prof. Rakesh Kumar

DEPARTMENT NEWS:

Publications:

Book:

- Vimal Kumar and Rakesh Kumar, "Prevention of Blackhole Attack using Certificate less Signature (CLS) Scheme in MANET," Book Chapter publication in IGI-Global Advances in Information Security, Privacy, and Ethics (AISPE) series, pp.130-150, 2016.

Journals:

- Prakash Srivastava, and Rakesh Kumar, "An Efficient Proxy Adaptive Gateway Discovery Algorithm based on Quality of Service parameters", International Journal of Communication Networks and Distributed Systems (IJCND), Inderscience, Vol. 16, issue 3, pp. 261-280. (Indexed in SCImago, DBLP and Scopus) DOI 10.1504/IJCND.2016.076653.

- Pooja Chaturvedi, A. K. Daniel, "A Novel Sleep/Wake Protocol for Target Coverage Based on Trust Estimation for a Clustered Wireless Sensor Network", International Journal of Mobile Network Design and Innovation, Inderscience Publishers, 2016 (Scopus indexed)
- Mukta Goyal, Divakar Yadav, and Alka Tripathi, "Intuitionistic Group Decision Making to Identify the Status of Student's Knowledge Acquisition in E-learning Systems", International Journal of Fuzzy System Applications (IJFSA), IGI Global, ISSN: 2156-177X, Volume 5, Issue 3, pp. 14-29, July-Sept 2016. (indexed in Scopus, SJR: 1.7, SNIP: 0.86, H index: 9)
- Mukta Goyal, Divakar Yadav and Alka Tripathi, "Aggregating evaluation using dynamic weighted intuitionistic fuzzy approach for concept sequencing in an E-learning system", International Journal of Mathematical Modelling and Numerical Optimisation, Inderscience publication, ISSN: 2040-3607(print), ISSN: 2040-3615(online), Vol.7, No.1, pp.44 – 65, 2016. (Indexed in Scopus,

SJR: 0.28, SNIP: 0.77, H index: 8). DOI: <http://dx.doi.org/10.1504/IJMMNO.2016.074372>.

- Singh NP et al., (2016), Retinal blood vessels segmentation by using Gumbel Probability Distribution Function based matched filter, Computer Methods and Programs in Biomedicine, Elsevier. DOI <http://dx.doi.org/doi:10.1016/j.cmpb.2016.03.001>. (SCI Impact factor 1.896, Published)

Conferences:

- Neha Singh, Saurabh Singh, Naveen Kumar and Rakesh Kumar, “Key Management Techniques for Securing MANET,” ACM Women in Research (ACM-WIR 2016), pp.77-80, 2016.

- Mudit Saxena and Rakesh Kumar, “A Recent Trends in Software Defined Networking (SDN) Security,” IEEE Proceedings of the 10th INDIACOM 3rd International Conference on Computing for Sustainable Global Development, pp.1303-1307, 2016.
- Sarvesh Pandey and Udai Shanker “Transaction Execution in Distributed Real Time Database Systems” Proceedings of the 2016 International Conference on Innovations in information Embedded and Communication Systems (ICIIECS’16), Karpagam Innovation Centre, located in Karpagam College of Engineering, Coimbatore, India, 2016.

Invited Talks Organized:



Department regularly organizes invited talks of experts from industries as well as eminent academic institutions for acquainting the students and faculty members with the latest technologies and trends in industry. During the Month of September and October invited talks were delivered on topics namely, **IoT: An Emerging Era for Next Generation Opportunities** by **Dr. S.K Vishvakarma**, Associate Professor, IIT Indore and **New Challenges of Software Development Process** by **Mr. Abhay Jaiswal**, Director, Vice President, Tele Tracking Inc., Noida. Recently, a short-term course/faculty development program was also conducted by the department which was attended by more than 50 participants from different institutions.

Invited Talks Delivered:

Dr. Sarvpal Singh, Associate Professor MMMUT delivered a talk on Network Programming in LINUX at Buddha Institute of Technology, GIDA, Gorakhpur.

Community Development Programs:

Department regularly organizes various Community Development Programs. Recently, department organized a six-day workshop on “Internet and JAVA Programming” for intermediate students in which was attended by around 60 students of Stepping Stone School. In the past, department also organized a workshop on “Cyber Crime & Forensic Tools through ICT” successfully for Police officials posted in nearby districts of Gorakhpur. Very soon the department is also planning to organize one more computer awareness programme for class 12th students of nearby schools.



Extra-Curricular Activities:



For the holistic development of students of the department they are encouraged to participate in various Co-curricular/Extra co-curricular activities. Department has well established forums in the form of Computer Engineering Society (CES) and Computer Society of Software Engineers(CSSE) which organize various activities such as I-Factor, Chakravayuh, SQL Manthan, Codezam, C-Quiz, Quant, Group Discussion etc. Students actively participate in the events organized by the above mentioned departmental societies. Students also actively participate in various events/training programs/ Entrepreneur development program etc organized by University or other departments. To Promote better interaction between faculty and students, recently a cricket match was organized between faculty and students. Following is the list of students who participated in different events and won prizes:

List of Winners

GAME OF CODES - Chapter 1

- | | | |
|-------------------|----------------------------------|-------------------|
| 1. Preeti Yadav | B. Tech CSE 2 nd Year | I st |
| 2. Prakhar Mishra | B. Tech CSE 2 nd Year | II nd |
| 3. Pooja Maurya | B. Tech CSE 2 nd Year | III rd |

GAME OF CODES - Chapter 2

- | | | |
|--------------------|--------------------------|-------------------|
| 1. Muskan Agarawal | CSE 2 nd Year | I st |
| 2. Gaurav Dixit | CSE 2 nd Year | II nd |
| 3. Diwakar Mishra | CSE 2 nd Year | III rd |

C-Quiz

- | | | |
|---------------------------|--------------------------|-------------------|
| 1. Jitendra Kesharwani | MCA 3 rd Year | I st |
| 2. Ravi Pratap Srivastava | MCA 3 rd Year | II nd |
| 3. Harshita Gupta | MCA 2 nd Year | III rd |

Quant

- | | | |
|------------------------|---------------------------------|-------------------|
| 1. Harsh Chandra | B. Tech ME 1 st Year | I st |
| 2. Nishant Sirbhai | B Tech CSE 1 st Year | II nd |
| 3. Shashank Srivastava | MCA 3 rd Year | III rd |



Internship Program:

An ongoing internship program for B Tech third year students has been conducted by Health Zone Pvt. Ltd. In this session 18 students are working on live projects to build web and mobile apps for Smart Health Zone Pvt. Ltd.

Industrial Visit:

During the month of October an Industrial visit has been planned for B Tech 3rd Year and 2nd Year students. In this visit students, will visit various laboratories and data centres of NIELIT and NIC, Gorakhpur.

Placement Records:

Following is the placement detail of B Tech and MCA students for year 2016:

B Tech Students Placed in TCS

1. Shubham Sonkar
2. Abhishek Gupta
3. Prerna Arya
4. Shikhar Srivastava
5. Aditi Kumari
6. Akarsh Khare
7. Divyanshi Singhal
8. Shiva Srivastava
9. Tushar Verma
10. Vikas
11. Pawan Verma
12. Roopesh Kumar
13. Shubham Verma
14. Shivam Kumar

15. Preeti Singh
16. Prabhat Gupta
17. Parul Gupta
18. Kajal Sharma
19. Divyanshi Kushwaha
20. Anju Kumari
21. Dolly Rijwani
22. Yashvendra Singh
23. Smaran Singh
24. Deepak
25. Sonali Singh
26. Karan Singh
27. Ashwani Bhardwaj
28. Gaurav Raghav
29. Ashish Rajpoot

30. Archana Tiwari
31. Agrim Bansal
32. Prem Maurya
33. Shubham Srivastava

MCA Students Placed in TCS

1. Gaurav Kumar Kaushal
2. Krishna Gupta
3. Shilpi Gupta
4. Anjali Rai
5. Swangini

B Tech Student Placed in Wipro

1. Shailendra Verma
2. Akash Rana
3. Vigyat Tripathi
4. Chitranshi Pathak

Alumni Meet:

The Alumni Convention-2016 of Madan Mohan Malaviya University of Technology, Gorakhpur, was held on 30th September and 1st October 2016. Here alumni gathered to share their old memories and strengthen their bond and commitment for university. Alumni interacted with students of the department to provide them career guidance. Alumni also shared their life experiences and challenges of the industry with the students to equip them better in meeting the demands of today's industries. Alumni also interacted with the faculty members of the department and provided valuable feedback regarding the course structure to meet the requirement of today's industries.



Faculty Voice:



"Life at Malaviya has been great for me so far. Malaviya has a lot of budding engineers who are innovative as well as very smart. It has been fantastic so far to teach these innovative minds as they ask a lot of good and life application based questions. Organizing invited talks, workshops and STCs are one of the best practices of our department which help us as well as students to interact with outside world and adding knowledge to our knowledge base."

Sri Rohit Kumar Tiwari
Asst. Prof., CSE Department

Acknowledgments:

I am grateful to Prof. Onkar Singh, Honourable Vice Chancellor, MMMUT Gorakhpur for his constant support and encouragement to bring out a monthly newsletter of Computer Science and Engineering Department. His extensive knowledge and experience on various topics helped us a lot while preparing this newsletter. I am also thankful to all the faculty members of CSE department for their valuable support and suggestions to bring out the first issue.

- Prof. Rakesh Kumar
Head, CSE Department

It gives me immense pleasure to bring out the first issue of department newsletter. I am thankful to Prof. Rakesh Kumar, Head, Department of Computer Science and Engineering for his constant support and encouragement. I am thankful to my faculty advisor's Sri Gaurav Baranwal and Sri Rohit Kumar Tiwari for their support in publishing this newsletter on such a short notice. I am thankful to student members of editorial team for their excellent work.

- Sri M. K. Srivastava

Editorial Team:

Sri M. K. Srivastava
Sri Gaurav Baranwal
Sri Rohit Kumar Tiwari

Editor-in-Chief
Faculty Advisor
Faculty Advisor

Ankit Kumar Jaiswal(Student)
Amit Kumar Singh(Student)

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