

FEBRUARY 2022

THE DEPARTMENT CHRONICLE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



SHRI
RAMSWAROOP
MEMORIAL
UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

OUR VISION

To build our students to be among the top technocrats in the country, reshaping society in a more modern way.

OUR MISSION

To develop, circulate, and use computer science knowledge, including in interdisciplinary fields that broaden its application and benefit humanity; to teach students to be successful, moral, and effective problem-solvers and lifelong learners who will improve the economic well-being of our region and country and who are equipped to take on the challenging challenges of the 21st century.

IN THIS EDITION

(COVERS ALL THE
HIGHLIGHTS FROM
THE MONTH OF SEPTEMBER)

- OUR PATRONS
- FACULTY COLUMN
- STUDENT COORDINATORS
- PROGRAMS OFFERED BY THE DEPARTMENT
- NOVATHON FINALIST
- DEPARTMENT DECORATION
- STUDENT FELICITATION
- UMANG DAUD
- PATENTS

—
“THE ADVANCE OF TECHNOLOGY IS
BASED ON MAKING IT FIT IN SO
THAT YOU DON'T REALLY EVEN
NOTICE IT, SO IT'S PART OF
EVERYDAY LIFE.”

BILL GATES, CO-FOUNDER OF
MICROSOFT.
—



```
elementsByClassName.fixGetElementByName();
() ;(function(m,ia){"object" ===typeof
,d,a)!==c});if(b.nodeType) return d.grp(s,
(a){return"function" ===d.type(a)),isArray
rn void 0 ===b||ca.call(a,b)},type:function(
,e=b.apply(a[d],c),l1==e)break}else if(e
){for(var c+=b.length,e=0,d=a.length;e<=d
),e=function(){return a.apply(b||this,c)
},f=b.getElementById(h))&&f.parentNode(){
";for(h=i.length;h--;)i[h]=f+ra(i[h]);
for(var c=a.split("|"),e=a.length;e-->0
(c,e){for(var d,f=a([],c.length,b),h=f.length
deType||d){v=b[p]||(b[p]={});if((new(e)).has
var s=j.nodeType?j:j,o=[],q=d,p=e.length;
"];for(var h=f=1:0,i=Xa(function(a){return
(c)}return ya(n),da,q,o,va,Mb,la,ab,lb,
(c))return ya(n),da,q,o,va,Mb,la,ab,lb,
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(c))return ya(n),da,q,o,va,Mb,la,ab,lb,
(c)}return ya(n),da,q,o,va,Mb,la,ab,lb,
```



OUR PATRONS

DEDICATED TO THOSE SOULS
WITHOUT WHOM WE WOULDN'T
HAVE BEEN LIVING THE SAME SRMU
LIFE.



Shri Pankaj Agarwal
Hon. Chancellor



Smt. Pooja Agarwal
Hon. Pro-Chancellor



Prof. (Dr.) D. K. Sharma
Hon. Vice Chancellor

CO-PATRON



Dr. Neerja Jindal
Registrar

FACULTY COLUMN



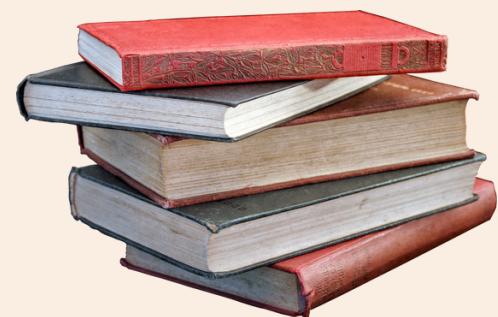
**DR. SATYA BHUSHAN
HEAD OF DEPARTMENT(HOD)
CSE DEPARTMENT**

**ER. VISHAL BHATT
ASSISTANT PROFESSOR**



**ER. NITIN GOEL
ASSISTANT PROFESSOR**

**ER. ANUPAM SINGH
ASSISTANT PROFESSOR**





**ER. NEETA BHUSAL SHARMA
ASSISTANT PROFESSOR**



**ER. NEELESH MISHRA
ASSISTANT PROFESSOR**



**ER. NEERAJ KUMAR
ASSISTANT PROFESSOR**

**ER. SUNNY KUMAR
ASSISTANT PROFESSOR**





**ER. PRABHA SINGH
ASSISTANT PROFESSOR**



**ER. BHANI DWIVEDI
ASSISTANT PROFESSOR**



**ER. ADITYA PRATAP SINGH
ASSISTANT PROFESSOR**



**ER. ARCHANA SINGH
ASSISTANT PROFESSOR**





**MR. SHIVAM
IBM SME**

**EMR. GUNJAN MISHRA
Assistant Professor**



**ER. AVANTIKA
ASSISTANT PROFESSOR**

**Ms. DIKSHA
ASSISTANT PROFESSOR**





**Ms. Abhilasha
Assistant Professor**



STUDENT CO-ORDINATORS



PRAYORSHI MISHRA
B.TECH (CSE)
III YEAR



SHASHWAT SAHU
B.TECH (CSE)
III YEAR



AKANKSAH TIWARI
B.TECH (CSE)
III YEAR



STUDENT CO-ORDINATORS



VAIBHAV PRATAP SINGH
B.TECH (CSE)
III YEAR



ELEEN VERMA
B.TECH (CSE)
III YEAR



PROGRAMS OFFERED BY THE DEPARTMENT

COURSES	DURATION
B.TECH IN COMPUTER SCIENCE & ENGINEERING	4 YEARS
B.TECH IN CSE IN CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE	4 YEARS
B.TECH IN CSE IN DATA SCIENCE AND ARTIFICIAL INTELLIGENCE	4 YEARS
B.TECH IN CSE IN CYBER SECURITY	4 YEARS
B.TECH IN CSE IN BLOCKCHAIN	4 YEARS
B.TECH IN COMPUTER SCIENCE & ENGINEERING LATERAL ENTRY	3 YEARS
B.TECH + MBA IN COMPUTER ENGINEERING & APPLICATIONS	5 YEARS
B.TECH + M.TECH IN COMPUTER ENGINEERING & APPLICATIONS	5 YEARS
M.TECH IN COMPUTER SCIENCE & ENGINEERING	2 YEARS
M.TECH IN COMPUTER SCIENCE & ENGINEERING PART -TIME	3 YEARS
M.TECH IN DATA SCIENCE	2 YEARS
PHD COMPUTER SCIENCE & ENGINEERING	3 YEARS



HIGHLIGHTS FROM THE MONTH OF FEBRUARY

CYBER BULLYING: A CASE OF DIGITAL THREAT

 SHRI RAMSWAROOP MEMORIAL UNIVERSITY
Lucknow - Deva Road, Barabanki


DCSIS / DCSE in collaboration with 1090
- presents -
WORKSHOP
"Cyber Bullying: A Case of Digital Threat"
Shri Vishal Vikram Singh
Cyber Analyst : UP-SSP (STF)

Event Coordinators:
Dr. Bineet Kumar Gupta
Dr. Veena Singh
Dr. Satya Bhushan Verma

Faculty Coordinators:
Er. Kartikesh Tiwari
Er. Megha Agarwal
Er. Aditya
Er. Vikram Singh
Er. Rohit Singh

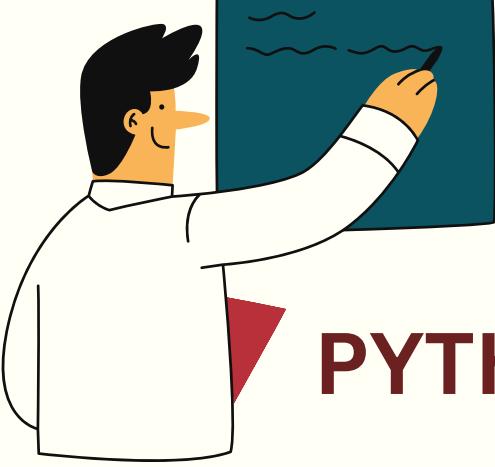
DATE: 17th February
TIME: 12:15 PM
VENUE: B2-305

Student Coordinators:
Mr. Ayush Mishra
Ms. Anjali Jaisawal
Mr. Kumar Divyanshu



ON FEBRUARY 17, 2023, THE DCSIS/DCSE BRANCH HOSTED A WORKSHOP TITLED "CYBER BULLYING: A CASE OF DIGITAL THREAT" IN PARTNERSHIP WITH THE 1090 GROUP. THE WORKSHOP'S PRIMARY GOAL WAS TO INCREASE PUBLIC KNOWLEDGE OF THE GROWING THREAT OF CYBERBULLYING AND ITS POTENTIAL EFFECTS ON BOTH INDIVIDUALS AND SOCIETY. SHRI VISHAL VIKRAM SINGH, A WELL-KNOWN CYBER ANALYST WITH THE UTTAR PRADESH SPECIAL TASK FORCE(UPSTF), GAVE THE KEYNOTE SPEECH AT THE EVENT . MR. SINGH GAVE INSIGHTFUL EXPLANATIONS ABOUT THE DIFFERENT TYPES OF CYBERBULLYING, THEIR CAUSES, AND METHODS FOR PREVENTING THEM. THE PARTICIPANTS GAVE THE WORKSHOP POSITIVE FEEDBACK AND EXPRESSED APPRECIATION FOR THE ORGANIZERS' EFFORTS TO RAISE AWARENESS OF THIS CRUCIAL PROBLEM. FACULTY COORDINATORS OF THE EVENT WERE, DR. VEENA SINGH(UNIVERSITY CLUB COORDINATOR), ER. KARTIKESH TIWARI(CSIS), ER. MEGHA AGARWAL(CSIS), ER. ADITYA(CSE).





PYTHON & WEBTECH TOOLS

 SHRI RAMSWAROOP MEMORIAL UNIVERSITY
Lucknow-Deva Road, Barabanki

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
In collaboration with
SOFTPRO INDIA COMPUTER TECHNOLOGY

Presents

WORKSHOP

On

**INNOVATIVE DESIGN USING
PYTHON
WITH WEBTECH TOOLS**

Faculty Coordinators :
Dr .Satya Bhushan Verma
(HOD,DCSE)
Er. Neeta Bhushal Sharma
Er. Aditya Pratap Singh
Ms. Archana Singh

Student Coordinators :
• Eleen Verma
• Vaibhav Pratap Singh
• Abhishek Singh

Venue:- Mini Audi

**DATE :24-25 FEB 2023
TIME : 11:00AM-4:30 PM**

The Department of Computer Science and Engineering (CSE) at Shri Ramswaroop Memorial University recently collaborated with Softpro India Computer Technology to organize a two-day workshop on "Innovative Design using Python on Webtech Tools." The workshop aimed to equip the students with the necessary knowledge and skills to create innovative designs using Python and web technologies. The workshop was conducted on 24th and 25th February and was attended by a large number of students from the CSE department. The faculty coordinators for the workshop were Dr. Satya Bhushan Verma (HoD, CSE), Er. Neeta Bhushal Sharma, Er. Aditya Pratap Singh, and Ms. Archana Singh. The student coordinators for the event were Eleen Verma, Vaibhav Pr. Singh, and Abhishek Singh.

The workshop covered various topics related to innovative design using Python and webtech tools. The topics included Python programming, web development basics, Django framework, HTML, CSS, and JavaScript. The workshop also provided hands-on experience to the participants through various practical sessions and assignments. The workshop was conducted by expert trainers from Softpro India Computer Technology, who have extensive experience in the field of web development and Python programming.

The trainers provided the students with valuable insights into the latest trends and best practices in the industry. The workshop received positive feedback from the participants, who found it to be very informative and useful. They appreciated the efforts of the faculty and student coordinators in organizing such a valuable event. In conclusion, the workshop on "Innovative Design using Python on Webtech Tools" was a great success, and it helped the participants to acquire new skills and knowledge in the field of web development and Python programming. The event was a testament to the commitment of the CSE department towards providing quality education and training to its students.



ONE MORE IN THE LIST



We are thrilled to tell that, Dr. Satya Bhushan Verma, the dean of our department, is the recipient of a certificate of appreciation from the esteemed IEEE International Conference on Integrated Circuits and Communication Systems, and we are honoured to salute him on this achievement (ICICACS-2023).

The conference was held on February 24 and 25, 2023, and was sponsored by the IEEE Bangalore Section and North Kamanaka Sub-section. It was arranged by the Department of Electronics and Communication Engineering at the SLN College of Engineering at the HKE Society in Raichur, India.

This certificate was earned by him as a conference paper reviewer, which is an outstanding accomplishment in the area of integrated circuits and communication systems. His commitment, knowledge, and diligence in the area of computer science and engineering are recognised by ICICACS-2023.

He has always been an inspiration to the teachers and students in the CSE department. He has consistently assisted the faculty members in their research efforts and has been an excellent mentor and guide to the students. We are honoured to have him on our staff and grateful for his invaluable contributions to the fields of computer science and engineering.

We offer Dr. Verma our heartfelt congratulations on this outstanding accomplishment on behalf of the complete university community. We are pleased with his accomplishments and hope that he will continue to succeed in his efforts in the future.



Distributed systems changing the face of IT sectors

Book Series: Decentralized Systems and Next Generation Internet
Book Title: Decentralized Systems and Distributed Computing: An Introduction to the Next-Generation Internet

Book Editors:

Ms. Sandhya Avasthi
Assistant Professor, Computer Science and Engineering Department, ABES Engineering College, Ghaziabad, India.

Dr. Suman Lata Tripathi
Professor, VLSI Design, School of Electronics and Electrical Engineering, Lovely Professional University, Punjab, India

Dr. Namrata Dhanda
Professor, Amity School of Engineering and Technology, Amity University, Lucknow Campus, Uttar Pradesh, India

Dr. Satya Bhushan Verma
Associate Professor, Department of Computer Science and Engineering, Shri Ramswaroop Memorial University, Barabanki, UP, India

The use of distributed systems is a big step forward in IT and computer science. As the number of tasks that depend on each other grows, a single machine can no longer handle all of them. But distributed computing is better than traditional computer settings in several ways. Distributed systems reduce the risks of a single point of failure, making them more reliable and able to handle mistakes. Most modern distributed systems are made to be scalable, which means that processing power can be added on the fly to improve performance. The Internet of the future is meant to give us freedom, give us choices, encourage diversity and decentralization, and make it easier for people to be creative and do research. This book will look at the different aspects of the next-generation internet, distributed systems, distributed computing, and their effects on society as a whole. By making the internet more three-dimensional and immersive, the metaverse could introduce more ways to use it. Some people have expressed negative things about the metaverse, and there is much uncertainty regarding its future.

All the Book Chapter should be submitted through
Email: sandhya_avasthi@yahoo.com
Email: tripathisumanlata78@gmail.com

Tentative Area of Invited chapter
Proposal under this book:

- ✓ Introduction to next generation internet and distributes systems
- ✓ Artificial intelligence in next generation distributed systems
- ✓ The amalgamation of internet technology and distributed systems
- ✓ Convergence of mobile edge computing
- ✓ Distributed computing and next generation internet
- ✓ Architecture of blockchain enabled decentralized systems
- ✓ Mobile Edge computing in decentralized systems
- ✓ Next generation distributed computing for cancer research
- ✓ Decentralized systems for manufacturing sector
- ✓ Decentralized systems in education and research
- ✓ Augmented reality and federated learning with decentralized systems
- ✓ Future of mental health using decentralized systems
- ✓ 5G technology for decentralized systems

Timeline
Chapter Proposal submission by 25th February 2023
Notification to proposal acceptance by 5th March' 2023
Full Chapter Submission by 31st March' 2023
Notification to full chapter acceptance by 15th April' 2023

The Department of Computer Science and Engineering (CSE) at our university takes immense pride in congratulating their Head of Department, Dr. Satya Bhushan Verma, on being the co-editor of the book "Decentralized Systems and Distributed Computing: An Introduction to the Next Generation Internet".

The book, published by Wiley Online Library, is a comprehensive guide to the next generation internet that explores the concepts of decentralized systems and distributed computing. Dr. Verma's expertise in this field and his ability to bring together the latest research in this area has made this book a valuable resource for students, researchers, and practitioners alike.

The department is proud of Dr. Verma's achievement and looks forward to his continued contributions to the field of computer science and engineering. Congratulations to him!

