

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)

—
“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.
—

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





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. BHANU 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



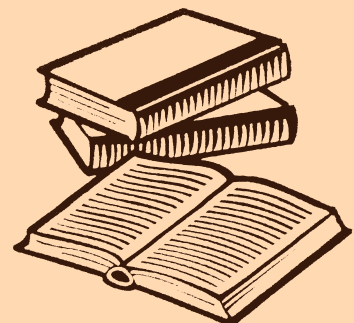
STUDENT CO-ORDINATORS



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)

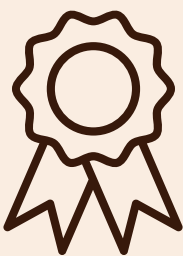
Event Coordinators:
Dr. Bineet Kumar Gupta
Dr. Veena Singh
Dr. Satya Bhushan Verma

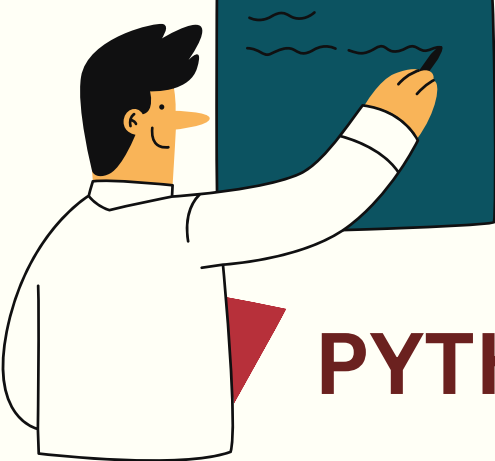
Faculty Coordinators:
Er. Kartikesh Tiwari
Er. Megha Agarwal
Er. Aditya
Er. Vikram Singh
Er. Rohit Singh

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

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

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

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

Presents
WORKSHOP
On
INNOVATIVE DESIGN USING PYTHON WITH WEBTECH TOOLS

Venue:- Mini Audi

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

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

Timeline
Chapter Proposal submission by **25thth 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**

Tentative Area of Invited chapter Proposal under this book:

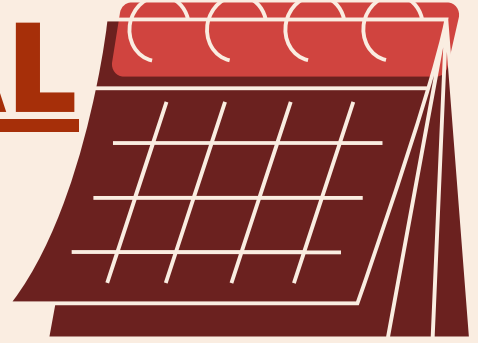
- ✓ Introduction to next generation internet and distributes systems
- ✓ Artificial intelligence in next generation distributed systems
- ✓ The amalgamation of internet technology and distributed systems
- ✓ Convergence of mobile edge computing
- ✓ Distributed computing and next generation internet
- ✓ 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

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!

DEPARTMENTAL CALENDAR



Department of Computer Science & Engineering and Department of Computer Science Information Systems(CSE and DCSIS) **ACTIVITY PLANNER 2022-23**

Date	July	August	September	October	November	December	January	February	March	April	May	June
1	Load Chart	Class Commencement	New Students Induction Programme/Internal Test-I	Internal Test-II	Internal Test-III	End Term Examination (Theory & Practical)	Sunday					End Term Examination (Theory & Practical)
2	FDP	Registration	New Students Induction Programme/Internal Test-I	Sunday				Result Moderation/Time Table/End Term Examination			Sunday	
3	Sunday	Registration	New Students Induction Programme/Internal Test-I	SRAC/TA-1(First Year)			Result FDP					
4	FDP	Daily Attendance	Sunday	SRAC		Sunday	Result FDP					Sunday
5	FDP	Daily Attendance	Placement Meeting				FDP/Course Plan/End Term Examination	Sunday	Sunday			
6	FDP New VC Brochure	Meeting with new faculties	TA-1		Sunday		FDP/Course Plan/End Term Examination					End Term Examination (Theory & Practical)
7	FDP New VC Brochure	Sunday	VAC Brochure	CC Mark	Electives Report/ 2nd IT(First Year)	End Term Examination (Theory & Practical) IT-3 First Year	FDP/Course Plan/End Term Examination				Sunday	
8	FDP New VC Brochure	Workshop Brochure	VAC Registration	Review Meeting /Dharohar	National Conference/2nd IT(First Year)		Sunday		Holi Break			
9	Library Books		CC Mark	Sunday	Student Faculty Achievements/2nd IT(First Year)		new session term examination			Sunday		
10	Sunday	Student Faculty Achievements	Guest Lecture	Release Conference Brochure	Student Faculty Achievements/2nd IT(First Year)		End Term Examination (Practical & Theory) First Year				End Term Examination (Theory & Practical)	
11	Infra Follow Up		Sunday	Student Faculty Achievements	CC Mark	Sunday	End Term Examination (Practical & Theory) First Year					Sunday
12	Faculty Interviews	Mass Bunk Report	Student Faculty Achievements	Feedback	Dept Meeting/2nd IT(First Year)		Examination (Practical & Theory)	Sunday	Sunday			
13	Faculty Interviews	Fee Defaulter Notification	Value Added Course	Feedback	Sunday		End Term Examination (Practical & Theory) First Year					
14	Result Moderation	Sunday	Value Added Course/Visiting Professor Course/Class Commencement First Year	Industry Visit	Remedial Classes/Fee Defaulters	End Term Examination (Theory & Practical)	End Term Examination (Practical & Theory) First Year				Sunday	
15	Result Moderation			Industry Visit	Remedial Classes		Sunday	Internal Test-I	Internal Test-II			
16	ERP Tagging/Dharohar	SRMU Connect	Value Added Course	Sunday	Remedial Classes					Sunday		
17	Sunday	Workshop/Non Reporting Students/SRMU Connect	VAL/Non Reporting Students/Last Date Academic Registration to The Department	Elective Choice Filling	Lab Quiz	End Term Examination (Theory & Practical)/Finalization					End Term Examination (Theory & Practical)	
18	Summer Break	SRMU Connect	Sunday	Conference Plan	Lab Quiz/Finalization of Internal Evaluation	Sunday						Sunday
19	Summer Break	SRMU Connect	Fee Defaulter Notification	TA-3/Feedback	Lab Quiz/Internal Finalization	End Term Examination (Theory & Practical) First Year		Sunday	Survey	Internal Test-III		
20	Summer Break	IT-1 Schedule/SRMU Connect	Mass Bunk Report	Lab Monitoring	Sunday			Internal Test-I				
21	Summer Break	Sunday	TA-2/Lab Monitoring	Class Coordinator Meeting		End Term Examination (Theory & Practical) First Year					Sunday	
22	Summer Break	Fee Defaulter Notification/SRMU Connect	Conference Plan Approval	Placement Meeting		Evaluation	Sunday				Summer Break	
23	Summer Break	Class Coordinator Meeting/SRMU Connect	IT Question papers	Sunday	End Term Examination (Theory & Practical)	MGPA/Faculty Interviews/End Term				Sunday		
24	Sunday	TA-1/Lab Monitoring/SRMU Connect	Dept Meeting/First Notification to the Non-Reporting Students			MGPA				Internal Test-III	End Term Examination (Theory & Practical)	
25	Time-Table	IT Question papers/SRMU Connect	Sunday			Sunday					Sunday	
26	Infra Follow Up	Dept Meeting/SRMU Connect						Sunday	Sunday			
27	Course Files	SRMU Connect		Fee Defaulter Notification	Sunday		Declaration of Result First Year				Summer Break	
28	Course Plans	Sunday	Internal Test-II	Remedial Class							Sunday	
29	Committees			IT Question papers	End Term Examination (Theory & Practical)/TA-3(First Year)		Sunday				End Term Examination (Theory & Practical)	
30	Dept Meeting	Internal Test-I		Sunday					Sunday			

"I'm so organized. I never screw up. I've done it maybe twice before. I check my calendar seven times a day."

- Anna Paquin