

NOVEMBER-DECEMBER 2023

E-PATRIKA

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 NOVEMBER~DECEMBER)

**“THE ADVANCEMENT 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
 - DECORATION
 - STUDENT FELICITATION
 - UMANG DAUD
 - PATENTS



SRMU

OUR **PATRONS**

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



SHRI PANKAJ AGARWAL
Hon. CHANCELLOR



SHRIMATI POOJA AGARWAL
Hon. PRO CHANCELLOR



PROF.(DR.)D.K.SHARMA
Hon. VICE CHANCELLOR



DR. NEERJA JINDAL
Hon. REGISTRAR

THE FACULTY COLUMN

FACULTY COLUMN



Dr.Satya Bhushan Verma
Head Of Department



Er. Vishal Bhatt
Assistant Professor



Er. Neeraj Kumar
Assistant Professor



Er. Anupam Singh
Assistant Professor



Er. Nitin Goel
Assistant Professor



Er. Neelesh Mishra
Assistant Professor



Er. Sunny Kumar
Assistant Professor



Er. Neeta Bhushal Verma
Assistant Professor



Er. Aditya Pratap Singh
Assistant Professor



Er. Prabha Singh
Assistant Professor



Er. Avantika
Assistant Professor



Er. Sakshi Singh
Assistant Professor



Er. Gunjan Mishra
Assistant Professor



Er. Abhilasha Mandal
Assistant Professor



Er. Atifa Parveen
Assistant Professor



Er. Ijtaba Saleem Khan
Assistant Professor



Er. Arpita Vishwakarma
Assistant Professor

STUDENT CO-ORDINATORS



Ayush Kumar Shukla
Btech. CS
II Year



Sneha Saxena
Btech. CS
II Year



Khushi Agarwal
Btech. CS
II Year



Andri Mohan
Btech. CS
II Year

Programs Offered By The Department

COURSES	DURATION
B.TECH IN COMPUTER SCIENCE & ENGINEERING	4 YEARS
B.TECH. IN CSE IN DATA SCIENCE AND AI	4 YEARS
B.TECH IN CSE IN CLOUD COMPUTING AND AI	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 SCIENCE ENGINEERING	5 YEARS
B.TECH+M.TECH. IN COMPUTER SCIENCE ENGINEERING	5 YEARS
M.TECH. IN COMPUTER SCIENCE ENGINEERING	2 YEARS
M.TECH.IN CSE (PART TIME)	3 YEARS
M.TECH IN DATA SCIENCE	2 YEARS
PHD COMPUTER SCIENCE & ENGINEERING	3 YEARS

ACHIEVEMENTS

GCTIC

2023 global conference on information technologies and communication (GCITC) held at REVA UNIVERSITY , IEEE Bangalore section, India on 1st-3rd December, 2023 in which Dr. Satyabhushan Verma of ShriRamswaroop Memorial University Lucknow Deva road Barabanki was given a certificate of appreciation for his role of session chair.

Global Conference on Information Technologies and Communications(GCITC) hosted by REVA University addresses the rapid strides and technological advancements currently witnessed in the fields of Computer Science, Information Technology, Artificial Intelligence, Electrical, Electronics and Communication Engineering. The conference aspires to exhibit the technical excellence of budding technocrats, research scholars, representatives from the academia and industry. This conference aims to bring together the best of globally renowned research professionals.



NextGen Employability Program

The 5 days faculty development program on "Building advanced data analytics application with cloud " under nextgen employability program was organized from 18th December - 22nd December 2023 , in which Ms. Arpita Vishhwakarma successfully participated and was certified for her participation.



Ransomware Technology

Machine Intelligence Research Labs (MIR Labs) well known as Scientific Network for Innovation and Research Excellence in Auburn, Washington ,USA organised 19th Information Assurance and Security (IAS'23) conducted onsite and on the World Wide Web in which Mrs.Anamika Agarwal ,Mr.Satya Bhushan Verma,Mr.Sanjay Gupta and Mr.Satyam Verma presented a research paper on the topic "Ransomware Anatomy,Impact, and Mitigation Strategies " And it's core is to practice good asset management, including keeping track of which versions of software are installed on your devices so that you can target security updates quickly. keep devices and infrastructure patched, especially security-enforcing devices on the network boundary (such as firewalls and VPN products) For this they were certified for their achievements



GDPR Compliance

Machine Intelligence Research Labs(MIR labs) which is a well known scientific network for innovation and research excellence based in Auburn, Washington,USA conducted 19th Information Assurance And Security (IAS'23) which was conducted both on ground and on world wide web in which respected Mrs. Suyogita Singh, Shri Satya Bhushan Verma ,Shri Bineet Kumar Gupta and Mrs. Monika Gupta presented a research paper on the topic "Federated Learning for gdpr compliance" At its core, GDPR Compliance means an organization that falls within the scope of the General Data Protection Regulation (GDPR) meets the requirements for properly handling personal data as defined in the law. For this they were certified for their achievement



Internet Of Medical Things

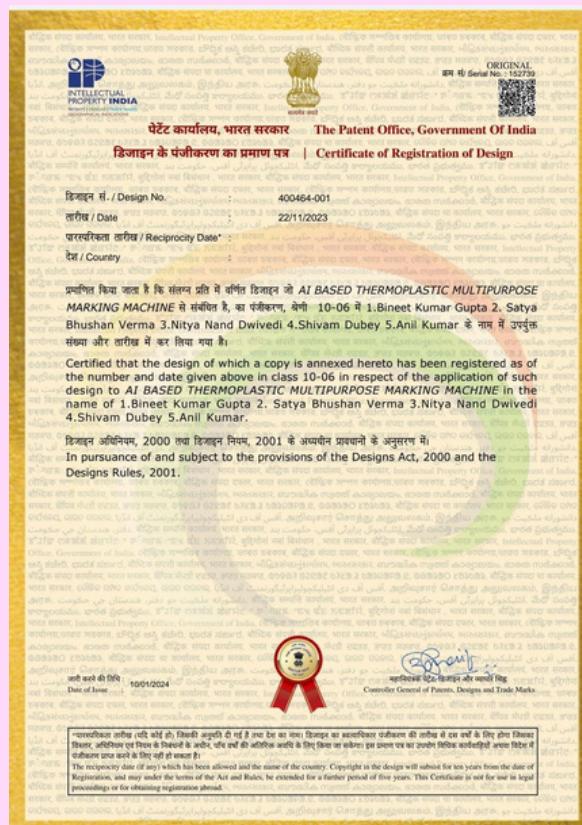
Machine Intelligence Research Labs (MIR Labs) well known as Scientific Network for Innovation and Research Excellence in Auburn, Washington ,USA organised 23rd Intelligent System Design and Application(ISDA'23) conducted onsite and on the World Wife Web in which Mr.Satya Bhushan Verma,Mr.Bineet Kumar Gupta and Mr.Brijesh Pandey presented a research paper on the topic "Uses of Block chain in Internet of Medical Things:A Systematic Review" And the core of Blockchain technologies are adopted to build a decentralized IoMT platform and to improve the security of the IoMT system. Various applications in the function layer make extensive use of AI technologies .For this they were certified for their achievement



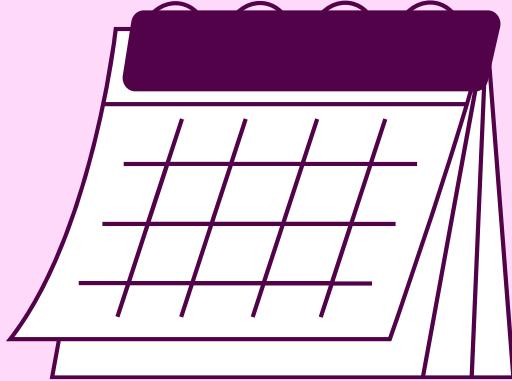
AI Based Thermoplastic

The certificate is the copy of the certificate of another marvellous work's patent of Shri Satya Bhushan Verma, Shri Bineet Kumar Gupta, Shri Nitya Nand Dwivedi , Shri Shivam Dubey and Shri Anil Kumar issued by the Government of India on their work of AI based thermoplastic multipurpose marking machine.

AI based thermoplastic is a term that refers to a type of plastic material that can be designed and optimized using artificial intelligence (AI) techniques. AI can help discover new thermoplastic materials with desired properties, such as stiffness, toughness, heat resistance, and biodegradability, by using data from experiments, simulations, and neural networks. AI based thermoplastic can have various applications in engineering, such as 3D printing, aerospace, automotive, and medical devices.



DEPARTMENTAL CALENDAR



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			Sunday					End Term Examination (Theory & Practical)
2	F.O.P*	Registration	New Students Induction Programme/Internal Test-I	Sunday		End Term Examination (Theory & Practical)	Result Moderation Time Table/End Term Examination		Sunday			
3	Sunday	Registration	New Students Induction Programme/Internal Test-I	SRAC/TA-1(First Year)	Internal Test-III		Result /FDP					Sunday
4	D.A.	Daily Attendance	Sunday	SRAC			Sunday	Result /FDP				
5	F.D.P	Daily Attendance	Placement Meeting			FDP/Course Plan/End Term Examination	Sunday	Sunday				End Term Examination (Theory & Practical)
6	F.D.P./New V.C.O.D. Selections	Meeting with new faculties	TA-1		Sunday	FDP/Course Plan/End Term Examination						
7	F.D.P./New V.C.O.D. Selections	Sunday	VAC Brochure	CC Mark	Elective Report 2nd (IT/Final Year) Admission	FDP/Course Plan/End Term Examination						Sunday
8	F.D.P./New V.C.O.D. Selections	Workshop Brochure	VAC Registration	Review Meeting (Dharshar)	Conference/2nd IT/Final Year-VAC	Sunday						End Term Examination (Theory & Practical)
9	Library Books		CC Mark	Sunday	Conference/2nd IT/Final Year-VAC	New Session/One Term Examination						
10	Sunday	Student Faculty Achievements	Guest Lecture	Release Conference Brochure	Student Faculty Achievements/2nd (IT/Final Year)	End Term Examination (Practical & Theory) First Year						Sunday
11	Infra Follow Up			Sunday	Student Faculty Achievements	Sunday	End Term Examination (Practical & Theory) First Year					
12	Faculty Interviews	Mass Bulk Report	Student Faculty Achievements	Feedback	Dept Meeting/2nd (IT/Final 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	Industry Visit	Remedial Classes/Fee Defaulters		End Term Examination (Practical & Theory) First Year					Sunday
15	Result Moderation	Sunday	Value Added Course Course/Class Commencement First Year	Industry Visit	Remedial Classes		Sunday					
16	ERP Tagging/Dharshar	SRMU Connect	Value Added Course	Sunday	Remedial Classes							
17	Sunday	Wish Card Report/SRMU Connect	VAC/Non Reporting Students/Last Date Academic Registration in The Dashboard	Elective Choice Filing	Lab Quiz	End with 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 Notifications	TA-3/Feedback	Lab Quiz/Internal Finalization			Sunday	Sunday			
20	Summer Break	IT-1 Scheduler/SRMU Connect	Mass Bulk Report	Lab Monitoring	Sunday	End Term Examination (Theory & Practical)First Year		Internal Test-I				
21	Summer Break	Sunday	TA-2/Lab Monitoring	Class Coordinator Meeting		Chart/End Term Examination (Theory & Practical)						Sunday
22	Summer Break	Fee Defaulter Notification/SRMU Connect	Conference Plan Approval	Placement Meeting		Evaluation	Sunday					
23	Summer Break	Class Coordinator Meeting/SRMU Connect	IT Question papers	Sunday		MGP/Parity Interviews/End Year						End Term Examination (Theory & Practical)
24	Sunday	TA-1/Lab Monitoring/SRMU Connect	Dept Meeting/First Notification to the Non- Reporting Students			MGPA						
25	Time-Table	IT Question papers/SRMU Connect	Sunday			Sunday						
26	Infra Follow Up	Dept Monitoring/SRMU Connect						Sunday	Sunday			
27	Course Files	SRMU Connect						Declaration of Result First Year				
28	Course Plans	Sunday										Sunday
29	Committees							Sunday				
30	Dept Meeting	Internal Test-I										End Term Examination (Theory & Practical)

"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