

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.

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



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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



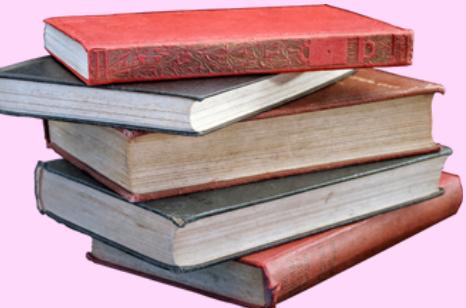
**DR. SATYA BHUSHAN
HEAD OF DEPARTMENT(HOD)
CSE DEPARTMENT**

**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

Ms. ARPITA VISHWAKARMA
ASSISTANT PROFESSOR



MRS. ATIFA PRAVEEN
ASSISTANT PROFESSOR

STUDENT CO-ORDINATORS



AYUSH KUMAR SHUKLA
BTECH(CSE)
II YEAR



SNEHA SAXENA
BTECH(CSE)
II YEAR



KHUSHI AGARWAL
BTECH(CSE)
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 ENGINEERING & APPLICATIONS	5 YEARS
B.TECH+M.TECH. IN COMPUTER ENGINEERING AND APPLICATION	5 YEARS
M.TECH IN COMPUTER SCIENCE APPLICATION	2 YEARS
M.TECH. IN CSE (PART TIME)	3 YEARS
M.TECH IN DATA SCIENCE	2 YEARS
PHD COMPUTER SCIENCE & ENGINEERING	3 YEARS

Accelerate Vigyaan



**DR. SATYA BHUSHAN VERMA PARTICIPATED
AND DELIVERED A LECTURE AND HANDS
ON TOPIC ON "IMAGE PROCESSING IN MATLAB
ON 18TH JULY, 2023"**

**THIS WAS ORGANISED BY CSIR-AMPRI, BHOPAL
FROM 26TH JUNE-23RD JULY THIS YEAR AND UNDER
SERB SPONSORED VRITIKA.**

Data Centre Efficiency Journal



International Journal of Innovative Technology and Exploring Engineering (IJITEE)
ISSN: 2278-3075 (Online), Volume-12 Issue-8, July 2023

Data Centre Efficiency Enhancement by Metrics Oriented Approach to Revamp Green Cloud Computing Concept

Saumitra Vatsal, Satya Bhushan Verma



INTERNATIONAL
JOURNAL OF INNOVATIVE
TECHNOLOGY AND
EXPLORING

ENGINEERING(IJITEE)

PUBLISHED A JOURNAL ON

DATA CENTRE EFFICIENCY ENHANCEMENT BY METRICS ORIENTED
APPROACH TO REVAMP GREEN CLOUD COMPUTING CONCEPT
WHICH IS THE HARD WORK OF HON. SHRI SATYA BHUSHAN VERMA
ALONG WITH HON. SAUMITRA VATSAL.

IN THIS JOURNAL, IT IS BEST DESCRIBED HOW TO THINK AND SAVE THE
ENVIRONMENT ALONG WITH ADVANCING IN THE FIELDS OF COMPUTER
SCIENCE AND ESPECIALLY CLOUD COMPUTING.

Manuscript received on 15 April 2023 | Revised Manuscript received on 17 June 2023 | Manuscript Accepted on 15 July 2023 | Manuscript published on 30 July 2023.

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Journal Website: www.ijitee.org

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INDUCTION 2K23



THE INDUCTION PROGRAM FOR 1ST-YEAR FRESHERS AT SHRI RAMSWAROOP MEMORIAL UNIVERSITY, SCHEDULED FOR THE 16TH, 17TH, AND 18TH OF AUGUST 2023, PROMISES TO BE AN EXHILARATING AND WELCOMING EXPERIENCE FOR THE NEWEST MEMBERS OF THE UNIVERSITY COMMUNITY.

AS PART OF THIS ENGAGING ORIENTATION, STUDENTS CAN LOOK FORWARD TO A RANGE OF EXCITING EVENTS AND ACTIVITIES. ONE OF THE HIGHLIGHTS INCLUDES CAPTIVATING NUKKAD DANCE PERFORMANCES AND MELODIOUS SINGING RENDITIONS BY THEIR SENIORS. THESE PERFORMANCES NOT ONLY SERVE AS A DELIGHTFUL ENTERTAINMENT BUT ALSO FOSTER A SENSE OF UNITY AND CAMARADERIE AMONG THE STUDENTS.

INDUCTION PROGRAM IS DESIGNED TO NOT ONLY ACQUAINT NEWCOMERS WITH THE ACADEMIC ASPECTS OF UNIVERSITY LIFE BUT ALSO TO CREATE LASTING BONDS AND CHERISHED MEMORIES, ENSURING THAT THEY EMBARK ON THEIR EDUCATIONAL JOURNEY WITH CONFIDENCE AND ENTHUSIASM.

Virtual Machine Migration

The screenshot shows a SpringerLink article page. At the top, it displays the date and time (9/21/23, 9:49 AM) and the title of the article: 'Virtual machine migration based algorithmic approach for safeguarding environmental sustainability by renewable energy usage maximisation in Cloud data centres'. Below the title, there are links for 'SPRINGER LINK', 'Menu', 'Search', 'Log in', and 'Cart'. The main content area includes the abstract, which discusses the impact of data centers on global energy needs and the role of virtual machine migration in reducing energy consumption and carbon emissions. It also mentions the use of renewable energy sources like solar and wind power. The abstract concludes with a statement about the need for further research to fully realize the potential of virtual machine migration. Below the abstract, there is a section for 'Access options' with a price of 39.95 € and a link to 'Buy article PDF'. At the bottom of the page, there are sections for 'Availability of data' and 'References', along with a URL for the article and a page number (1/7).

ANOTHER WORK OF SHRI SATYA BHUSHAN VERMA ALONG WITH SHRI SAUMITRA VATSAL WAS INDULGED IN ANOTHER GREAT WORK WHICH IS VIRTUAL MACHINE MIGRATION BASED ALGORITHMIC APPROACH FOR SAFEGUARDING ENVIRONMENTAL SUSTAINABILITY BY RENEWABLE ENERGY RESOURCE USAGE MAXIMISATION IN CLOUD DATA CENTRES.

THIS WORK WAS PUBLISHED IN THE SPRINGER LINK E MAGAZINE AND IS ABOUT THE REDUCTION OF CARBON EMISSIONS AND ESTABLISHMENT OF VIRTUAL MACHINE

T²I BBDNIIT



BBDNIIT

BABU BANAPASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW

Affiliated to Dr. A.P.J. Abdul Kalam Technical University (AKTU College Code : 056)

Approved by All India Council of Technical Education(AICTE)



Five Days Online Faculty Development Programme (FDP)

Organized by the Departments of Electronics & Communication Engg. and Electrical Engg. on
"Trends in Technological Intelligence 2023 (T²I-2023)"

CERTIFICATE OF PARTICIPATION

This is to certify that

GUNJAN MISHRA

from **SHRI RAMSWAROOP MEMORIAL UNIVERSITY, BARABANKI** has successfully attended Five Days Online Faculty Development Programme(FDP) on "**Trends in Technological Intelligence 2023 (T²I-2023)**" organized by the Departments of Electronics & Communication Engineering and Electrical Engineering, BBDNIIT from **August 21 to 25, 2023.**

Prof. Sanjay Kr. Sharma
Convener - T²I-2023

Dr. V. K. Singh
Chief Convener - T²I-2023



Date: August 25, 2023

ID : BBDNIIT000064

**IN THE MONTH OF AUGUST FROM 21ST TO 25TH, A FIVE DAYS ONLINE
FACULTY PROGRAM WAS ORGANISED BY THE DECE OF
BBDNIIT,LUCKNOW**

THE MAIN MOTIF OF THIS CONFERENCE WAS TO DISCUSS UPON

THE IMPORTANT TOPIC OF TRENDS IN TECHNOLOGICAL

INTELLIGENCE IN WHICH

**DR.GUNJAN MISHRA OF SHRI RAMSWAROOP MEMORIAL
UNIVERSITY HAS ATTENDED AND PROVIDED VALUABLE
INFORMATION FOR THE BETTERMENT OF THE SOCIETY**

IN TECHNOLOGY

AATMNIRBHAR CONFERENCE

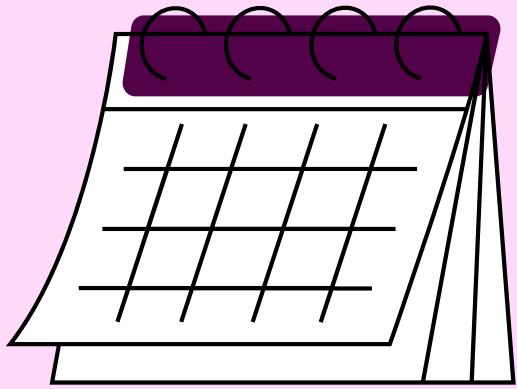


ON SUNDAY, 13TH OF AUGUST 2023, THE AATMNIRBHAR BHARAT NATIONAL ACHIEVERS AWARDS & EDUCATORS CONFERENCE WAS ORGANISED BY MAHARISHI UNIVERSITY OF IT AT HOTEL TAJ MAHAL PALACE, LUCKNOW

ONE OF THE ACHIEVERS AND BEST EDUCATOR OF SRMU, SHRI SATYABHUSHAN VERMA PRESENTED HIS DELIGHTFUL SPEECH AND ENLIGHTENED EVERYONE PRESENT THERE.

HE WAS AWARDED WITH A CERTIFICATE AND A MOMENTO FOR HIS WORDS AND ACHIEVEMENTS.

DEPARTMENTAL CALENDAR



ACTIVITY PLANNER 2022-23												
	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	Sunday	Result Moderation/Time Table/End Term Examination		Sunday			End Term Examination (Theory & Practical)
2	FDP*	Registration	New Students Induction Programme/Internal Test-I	Sunday		Result FDP			Sunday			
3	Sunday	Registration	New Students Induction Programme/Internal Test-I	SRAC/TA-1(First Year)								
4	LAI	Daily Attendance		SRAAC	Sunday	Result FDP						Sunday
5	LAI	Daily Attendance	Placement Meeting	SRAC/TA-1(First Year)		FDP/Course Plan/Second Term Examination	Sunday	Sunday				
6	FDPI/ New VC Briefings	Meeting with new faculties	TA-1	Sunday		FDP/Course Plan/End Term Examination						End Term Examination (Theory & Practical)
7	FDPI/ New VC Briefings	Sunday	VAC Brochure	CC Mark	Electives Report/2nd IT(First Year)	FDPI/Course Plan/End Term Examination						Sunday
8	FDPI/ New VC Briefings	Workshop Brochure	VAC Registration	Review Meeting (Dharohar)		Sunday						End Term Examination (Theory & Practical)
9	Library Books		CC Mark	Sunday		FDPI/Course Plan/End Term Examination						
10	Sunday	Student Faculty Achievements	Guest Lecture	Release Conference Brochure	Student Faculty Achievements/2nd IT(First Year)	Sunday	Intern Session/End Term Examination		Sunday			End Term Examination (Theory & Practical)
11	Infra Follow Up				CC Mark	Sunday	End Term Examination (Practical & Theory) First Year					Sunday
12	Faculty Interviews	Mass Bulk Report	Student Faculty Achievement	Feedback	Dept Meeting/2nd IT(First Year)	End Term Examination (Theory & Practical)	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		Value Added Course/Class Commencement First Year	Industry Visit	Remedial Classes	Sunday						
16	ERP Tagging/Dharohar	SRMU Connect	Value Added Course	Sunday	Remedial Classes	Internal Test-I	Internal Test-I					
17	Sunday	Workshop on Reporting Students/SRMU Connect	YADIN/NISBORT Students Last Date Academic Registration in The Department	Elective Choice Filing	Lab Quiz		Internal Test-II					End Term Examination (Theory & Practical)
18	Summer Break	SRMU Connect	Sunday	Conference Plan	Lab Out/Finalization of Internal Evaluation		Internal Test-II					Sunday
19	Summer Break	SRMU Connect	Fee Defaulter Notification	TA-3/Feedback	Lab Out/Internal Finalization	Sunday	Internal Test-III					
20	Summer Break	IT-1 Schedule/SRMU Connect	Mass Bulk Report	Lab Monitoring	Sunday		Internal Test-III					
21	Summer Break	Sunday	TA-2/Lab Monitoring	Class Coordinator Meeting							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								
24	Sunday	TA-1/Lab Monitoring/SRMU Connect	Dept Meeting/First Notification to the Non-Reporting Students								End Term Examination (Theory & Practical)	
25	Time-Table	IT Question papers/SRMU Connect	Sunday	MQPA								Sunday
26	Infra Follow Up	Dept Meeting/SRMU Connect										
27	Course Files	SRMU Connect										
28	Course Plans	Sunday		Declaration of Result First Year								Sunday
29	Committees											
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