Details of FDS/Workshops/Seminars attended by faculties:

1. Dr. Piyush Kumar Shukla, Dr. Manish Ahirwar, Dr. Raju Barskar, Dr. Shikha Agrawal, Prof. Uday Chourasia, Dr. Rajeev Pandey, Dr. Priyanka Dixit attended FDP on " Additive Manufacturing & its applications" Sponsored by The Government officials Training Program on Industrial training.

2. Prof. Praveen Yadav, Prof. Mukesh Dhariwal, Dr. Smita Sharma attended Five days online FDP on "Recent Trends in Cyber Security & Blockchain Technology" at Oriental Institute of Science & Technology Bhopal.

3. Dr. Piyush Kumar Shukla, Dr. Raju Barskar, Dr. Shikha Agrawal, Prof. Uday Chourasia, Dr. Rajeev Pandey, attended Basic level Vocational/Industrial Training in Telecom at BSNL Bhopal.

4. Prof. Uday Chourasia has attended One day Regional consultative Workshop (RCW-2022) at NITTTR, Bhopal

5. Dr. Piyush Kumar Shukla has attended Five days virtual FDP on "Success Strategy to Publish in Journal with High Impact Factor "at IFERP.

6. Dr. Raju Barskar has attended three days workshop " Emerging Technologies" at RCVP Noronha Academy of Administration, Bhopal

Patents Publication :

1. Prof.uday Chourasia, Prof Priyanka Dixit et.al, Title A blockchain based interface for secret remote communication through a smart phone using wireless sensor network, Patent No. 202211003565. Government of India Published on 4th February 2022.

2. Dr. Rajeev Pandey et al. Title : Methodology for improved coyote optimization based classification (ICOAC) for big dataset to enlarge the emergence of heterogeneous distibuted circumstaces., Patent No. 2022104362, Published 2022.

3. Dr. Piyush Kumar Shukla et al., Title : A System for Automatic Segregation of Waste Materials, Patent No. 011158453, Granted 12 February 2022… Granted 2022.

4. Dr. Rajeev Pandey , Dr. Sanjay Silakari., Methodology for Improve Coyote Optimization Based Classification (Icose) For Big Datasets To And Large The Emergence Of Heterogeneous Distributed Circumstances, Patent No. 2022/04362, Granted 31 August 2022… Granted 2022.

5. Dr. Piyush kumar Shukla et al.,Eeg (Electro Encephalo Graphy) Integrated Xr (Extended Reality) Headset, Patent No. 364379-001, Granted 27 September 2022, Granted 2022

6. Dr. Piyush Kumar Shukla et.al., Title: System For Creating Dynamic Content For Online Gaming Platforms Based On Artificial Intelligence And Machine

Books (Edited & Authored) Published:

1. Book published of Dr. Piyush Kumar Shukla named as " Blockchain for information Security &Privacy" in Taylor & Francis Group.

2. Book published of Dr. Piyush Kumar Shukla named as "Utilizing Blockchain Technologies in Manufacturing and Logistics Manangement" in IGI GLOBAL.

Books Chapter Published:

1. Book chapter published of Dr. Anjana Deen named as "Load Balancing in Cloud Computing", Cognitive Science and Technology" in SPRINGER.

Patents Publication :

1. Dr. Piyush Kumar Shukla et al.., An Intelligent Shopping Cart for Tracking Product Using Iot, Patent No. 367570-001, Granted 19 February 2023….Granted 2023

2. Dr. Piyush Kumar Shukla et al.., Title : Blockchain Enabled Device for Enhancing Computer Network Security, Patent No. 370531-001, Granted 23 December 2022… Granted 2023

3. Dr. Piyush Kumar Shukla et al.., Artificial Intelligence Based Heart Rate Monitoring Device for Sports Training, Patent No. 370463-001, Granted 7 September 2022… Granted 2023

4. Dr. Piyush Kumar Shukla et al.., SECURITY FRAMEWORK MODEL FOR CLOUD COMPUTING, Patent No. 422362, Granted 20 February 2023, Granted 2023

5. Dr. Piyush Kumar Shukla et al.., Title: Intelligent Power Reduction Technique for Indoor and Outdoor Application, Patent No. 44467, Granted 11 August 2023, Granted 2023

6. Dr. Piyush Kumar Shukla, Dr. Rajeev Pandey et al.., Title: IoT based system for generating Green Energy, Patent No. H02S 20/32 , Granted 20 June 2023, Granted 2023

List of Students selected in GATE/CAT

		Batch 2018-2022	
S.No	Enrollment No.	Name	Exam Details
1	0101CS181003	Abhimanyu Singh Baghel	GATE
2	0101CS181004	Abhishek Solanki	GATE
3	0101CS181009	Anurag Shrivastava	GATE
4	0101CS181020	Ankit K. Ahirwar	GATE
5	0101CS181050	HarshaKaithal	GATE
6	0101CS181067	MuskanParmar	CAT
7	0101CS181069	Nikhil Kori	GATE
8	0101CS181127	YogeshShrivastawa	GATE
9	0101CS193D05	ArunaDodke	GATE
10	0101CS193D06	AtiyaAkhatar	CAT

CSE-UIT RGPV @Newsletter-2022

Department of Computer Science & Engineering
UIT RGPV Bhopal

December - 2022

University Institute of Technology, RGPV Airport Road, Gandhi Nagar, Bhopal (M.P.) 462033
Phone: 0755 2923289, **Email :** docseuitrgpv@gmail.com

Vision and Mission of the Institute and Department

Vision of Institute:
To disseminate affordable quality technical education for producing globally competent, technically proficient and socially responsible technical manpower to meet global challenges.

Mission of Institute:
To establish University Institute of Technology, RGPV, Bhopal as a centre of excellence for imparting technical education through technological interventions for the sustainable development of the nation.

Vision of Department:
To nurture and enlighten the budding talents into socially committed & dexterous Computer Science & Engineering professionals, possessing a robust foundation and adaptable attitude for rapid technological advancements in the field along with sustainable ethical values, to meet global challenges.

Mission of Department:
M1: To persistently endeavor for the consistent development of student by providing them robust foundation in knowledge arena by enabling to imbibe the very essence and philosophy of computer science & engineering domain.

M2: To continuously strive for the overall development of student by educating them in blooming cutting edge technology.

M3: To curate a conducive environment for exploring, analyzing and applying knowledge to improve technical & interpersonal skills of student.

M4: To inculcate ethics, environmental awareness and societal commitment which will contribute to personal and professional growth in the interest of society.

M5: To provide conducive environment for exploring and applying knowledge to improve interpersonal and technical skills.

Program Educational Objectives Statement (PEOs)
PEO1: To Attain professional competency in the fast growing area of computer science & engineering.

PEO2: To be able to apply knowledge of basis science and core engineering to pursue higher education, research and also to able to work in competitive multidisciplinary environment.

PEO3: To flourish as a socially committed computer science & engineering grandaunt, possessing state of the art domain knowledge, entrepreneurial skill, problem solving & research attitude, good.

Program Specific Outcomes (PSO's)
PSO1: Have you ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, network security, IoT and networking for efficient design of computer-based systems of varying?

PSO2: Are you able to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success?

PSO3: Have you ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

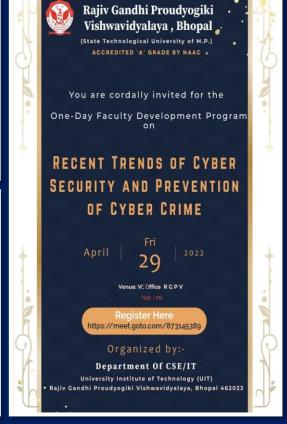*"Education is not merely a means for earning a living;*
it is to make life itself richer."

-Dr. Sarvepalli Radhakrishnan

CSE Department Expert Lecture on

"Recent Trends of Cyber Security And Prevention of Cyber Crime": 29-04-2022

An expert lecture on the topic "Recent Trends of Cyber Security And Prevention of Cyber Crime" was organized by the CSE Department on 29-04-2022 at the university. The chief speaker, Assistant Professor, delivered a lecture.

Inter-University Table Tennis Competition: 450 Players Compete

A five-day inter-university table tennis competition of the western zone, organized by the Association of Indian Universities, is being held on the premises of Rajiv Gandhi Technological University, Bhopal. The event has participation from 88 teams comprising 450 members from universities in Maharashtra, Gujarat, Rajasthan, Chhattisgarh, and Madhya Pradesh.

The competition was inaugurated by Vice-Chancellor Professor Sunil Gupta, who mentioned that this is the first time such a large table tennis competition is being hosted at RGPV. He expressed pride in hosting the event and encouraged players to compete with sportsmanship to bring glory to their universities, states, and the nation.

The Vice-Chancellor announced prize money of ₹2,21,000 for the winners and ₹1,10,000 for the runners-up. He also declared that RGPV would organize more sports competitions in the future to promote sports.

RGPV Students Preparing for Industry Needs Through Internships: 14-12-2022

Students of RGPV are being prepared for industry needs through internships. Aditi Chaurasia and Zainab Khan, final-year students of the Computer Science and Engineering Department at the University Institute of Technology, Rajiv Gandhi Technological University, Bhopal, have been selected for software development engineer internships at Amazon. They will receive ₹1.10 lakh per month during the six-month internship.

Upon successful completion of the internship, they will be appointed as software development engineers at Amazon. Vice-Chancellor Professor Sunil Gupta congratulated the students and wished them a bright future. The Vice-Chancellor stated that RGPV is equipping its students according to industry requirements and will focus on internship programs to meet industry demands in the future.

It was mentioned by the Head of the Computer Science Department that final-year students have received multiple job offers. Aditi Chaurasia has been selected by both Amazon and Tata Consultancy Services, while Zainab Khan has been selected by Amazon and other companies. Professor Uday Chaurasia expressed pride in the students' achievements and extended congratulations and best wishes on behalf of RGPV.

आरजीपीवी के छात्रों को इंटर्नशिप के दौरान हर महीने 1.10 लाख मिलेंगे
छात्रों को इंडस्ट्री की आवश्यकता के अनुरूप कर रहे तैयार

Data-Sharing Made Easy: New technologies simplified data-sharing across organizations while preserving privacy. This led to new business models and products, such as shared platforms for clinical data during the COVID-19 pandemic

Cloud Goes Vertical: Cloud and software vendors offered vertical-specific solutions, modernizing legacy processes and driving innovation. This shift enabled organizations to focus on strategic differentiation.

Blockchain: Ready for Business: Blockchain technology moved beyond hype, driving real productivity in enterprises. It fundamentally changed how businesses operate across organizational boundaries, enabling secure data management and asset tracking.

Cyber AI: Real Defense: As cyberattacks increased, Cyber AI emerged as a force multiplier, enabling organizations to respond faster and anticipate threats. AI-powered security helped protect valuable AI resources and combat AI-powered attacks.

RGPV CSE Student Yashasvi Selected for National Competition: 07-12-2022

Yashasvi, a first-semester student of the Computer Science and Engineering Department at the University Institute of Technology, Bhopal, secured first place at the state-level gymnastics competition and has been selected to represent Madhya Pradesh in the national-level competition to be held in Chandigarh in February.

Under the guidance of her coach Narendra Mahavar at TT Nagar Stadium, Yashasvi achieved this accomplishment. She has brought pride to Rajiv Gandhi Technological University and Madhya Pradesh. On this achievement, she was awarded a medal and certificate by Vice-Chancellor Professor Sunil Gupta.

The Vice-Chancellor praised the achievements of girls in every field and expressed hope that Yashasvi would represent Madhya Pradesh at the international level in gymnastics. Congratulations and best wishes were extended to her.

Professor Uday Chaurasia, Head of the CSE Department, highlighted the university's progress under the leadership of Vice-Chancellor Professor Sunil Gupta. Professor Manish Ahirwar, Academic In-Charge of CSE, emphasized the department's efforts in organizing sports, cultural activities, and workshops to discover and promote new talents at national stage.

आरजीपीवी की छात्रा यशस्वी का राष्ट्रीय स्पर्धा में हुआ चयन