GLIMPSE OF IT

DEPARTMENT OF INFORMATION TECHNOLOGY

ESTABLISHED YEAR-2000

CONTENTS

- *Topper of the Year*
- *Conferences*
- *Patents*
- *Sports Achievers*
- *Best Placement*
- *Research Paper*
- *Foreign Universities Selection*
- *Note from the Head of Department*
- *#include Club*

A "GLIMPSE OF IT" NEWSLETTER :

The department newsletter "Glimpse of IT" is published once a year. It primarily focuses on the department's important events, student and faculty publications, accomplishments, campus placement, industry interactions, visits, and details about higher education.

Editorial Incharge:
Dr. K. K. Sharma
Ms. Puja Gupta
Mr. Upendra Singh
Mrs. Sonu Airen
Mrs. Megha Kuliha

Topper of Year

Riya Singh

Topper B.E. Information Technology 8.75 CGPA

Conferences

Introduction to Machine Learning & Data Engineering

As part of an initiative of E&ICT, an intensive one-week FDP on "Introduction to Machine Learning and Data Engineering (IMLDE)" was organized from 20th - 24th Dec 2019. The FDP was devoted to fundamental theory, and provided an exposure to the participants to the state-of-the-art in Machine Learning and Data Engineering, recent developments, and research outcomes.

Co-ordinator: Dr. Lalit Purohit

FDP on Database and Algorithm

A one-week FDP was conducted from 26th Dec to 30th Dec.
Experts: Ms. Anuradha Sriniasaraghavan, Mr Mayur Ramgir, Ms Bharti Motwani

Co-ordinator: Dr. Neeraj Rathore

Conferences

Workshop on Deep Learning, Java Stack & Data Analytics

A three-day Faculty Development Program workshop conducted from 15th Feb to 17th Feb.

Experts: Ms. Anuradha Sriniasaraghavan, Mr Mayur Ramgir, Ms Bharti Motwani

Co-ordinator: Dr. Neeraj Rathore

Placements

Top Placement Companies

Sahil Kukreja

Company Name: Optum Global Solutions
Role: Software Engineer
Package: 12 lpa [Lakh per annum]

Patents

A SMART HELMET

Publlish date: 6 March 2020
Worked by: Mr. Upendra Singh, Mr. Mukul Shukla , Dr. Sunita Varma,
Mr. Manjeet Soni, Dr. Lalit Purohit, Mr. Neeraj Arya

A SYSTEM FOR DETECTION AND TRACKING OF SUSPICIOUS PERSONS IN CROWD

Publlish date: 26 June 2020
Worked by: Ms. Puja Gupta, Dr. Sunita Varma, Ms. Upendra Singh,
Mr. Mukul Shukla

A SMART VEHICLE

Publlish date:21 August 2020
Worked by: Mr. Upendra Singh, Mr. Mukul Shukla , Ms.Puja Gupta,
Dr. Lalit Purohit, Mr. Neeraj Arya

Research Papers

Replaceability based web service selection approach

By Purohit, L. and Kumar, S., 2019, December. In 2019, IEEE 26th International Conference on High Performance Computing, Data, and Analytics (HiPC) (pp. 113-122). IEEE

Web service classification using Stacking

By Banka, A., Juneja, N., Shrimal, A., Agrawal, S., and Purohit, L., 2019, September. In 2019 1st International Conference for Artificial Intelligence and Data Sciences (AiDAS).
(pp. 126-131). IEEE

Sports Achievers

Following players represented Indore Nodal in RGPV state-level tournament

- Ms. Sonali Badole in Cross Country
- Mr. Yash Saraswat and Mr. Rajdeep Dhitwale in Football
- Ms. Urvashi Sharda in Kho-Kho
- Ms. Khushi Goyal in Table Tennis
- Ms. Sonali Badole, Ms. Namrata Maravi, Ms. Bhawna Gurjar and Ms. Runkal Patel in Drop-Roball
- Ms. Jyoti Hariyale and Ms. Urvashi Sharda in Kabaddi
- Ms. Urvashi Sharda in Athletics
- Ms. Sakshi Sutwa in Netball
- Ms. Bharti Gehlot in Rifle & Pistol Shooting
- Mr. Shiv Prabhat and Mr. Ayush Barya in Hockey

Sports Achievers

Following players represented RGPV University in Inter University tournament

- **Ms. Khushboo Goyal in Table Tennis**
- **Ms. Jyoti Hariyale in Kabaddi**
- **Ms. Sakshi Sutwa in Netball**
- **Ms. Urvashi Sharda and Ms. Jyoti Hariyale in Athletics**

Following players represented Madhya Pradesh in Open National Tournaments

- **Ms. Urvashi Sharda and Ms. Priyanka Shakyawar in Cycle Polo**

Faculty and Staff Tournaments

- **Mr. Arun Kuliha won the Table Tennis tournament**
- **Mr. Arun Kuliha was runner up in the Badminton tournament**

Result of Inter-Branch Tournaments 2019-20

- **IT Branch was the runner up in Basketball Tournament for women**
- **IT Branch was the runner up in Badminton Tournament for men**

Achievement of students in RGPV Indore Nodal Inter-Collegiate Tournament

- Mr. Kartik Upadhyay won the title of Best Runner in the Kho-Kho tournament for men.
- Ms. Urvashi Sharda won Silver Medal for Ling Jump and Triple Jump and Bronze Medal for the 100m race.
- Ms. Jyoti Hariyale won Bronze Medal for High Jump.

Other Headlines

- Mr. Kartik Upadhyay was elected as the secretary of the Students Sports Committee 2019-20
- Mr. Manan Goyal was selected as Branch Sports Representative from boys
- Ms. Sanjana Dehariya was selected as Branch Sports Representative for girls

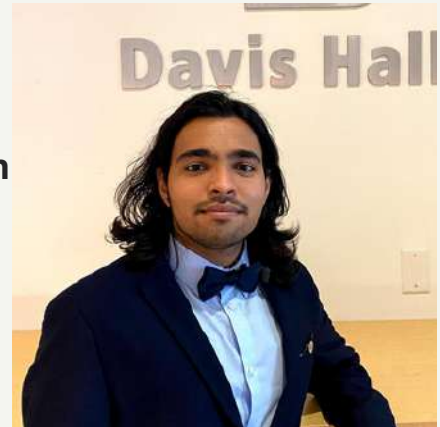# Foreign University Selection

Bhavin Jawade

Ph.D. in Computer Science, at University at Buffalo, SUNY

Current Job:
- **Research Scientist at Adobe**
- **Media Intelligence Lab**
- **Working on Deep Learning and Computer Vision**

Ongoing Job:
- **Research Assistant at University at Buffalo, CUBS Lab**
- **Working on Deep Learning, Computer Vision, and Biometrics**

Vision of the Department

To create IT technocrats equipped with skills, ethics, and social values for developing globalized and technological solutions for betterment of society through transformative education.

Mission of the Department

- To Enable students become technocrats who can cater the growing manpower need of the industry for economic develpoment.
- To build a centre of excellence on frontier areas of Information Technology and related domain.
- To impart quality and value based education in Information Technology to enable students solve real world problems with an inclination towards betterment of society.

A Note from the Head of Department

"Recently, we have witnessed so many natural calamities and alarming changes in the global climate, including rapidly increasing global warming. These are challenging the further survival of this beautiful earth we live in. We should take into consideration how much we have been able to use research to serve the lowest and most vulnerable strata of society. In our approach to sustainable development, we should not forget that it is by strengthening the people at the base of the pyramid that the entire edifice of society becomes healthy and strong."

- Dr. Sunita Varma
Head of Department, Information Technology

Designed by-

- Roli Jain
- Yashraj Solanki
- Shreyansh Shukla
- Aryan Tiwari
- Sarthak Modhe
- Anusha Pahariya

Contact: jainroli2501@gmail.com

Editorial Board:

Dr. K. K. SHARMA
(Associate Professor)

Ms. Puja Gupta
(Assistant Professor)

Mr. Upendra Singh
(Assistant Professor)

Departmental #include club:

The Department establishes a Technical club "# Include" directed by final year, third-year students and affiliated with second-year students in order to foster technical knowledge, teamwork, and personal growth. This student society is led by the Head of Department as President and backed by faculty members as Vice-Presidents, as well as a team of students serving as General Secretary, Secretary, and Joint Secretary. The President appoints the Vice President, General Secretary, and Secretary, while the remaining positions are filled through appropriate auditions with the approval of the previous year's President, Vice-President, and General Secretary before the start of each academic session.

HackIndore 2.0

HackIndore was a day-long coding competition where software programmers, developers, designers, etc. came together to build and design something cool. The participants were allowed to build anything. A website, a web app, Android/iOS App, Chrome extension, etc. Problem statements were divided into two themes: Academia and Industria.

DATA STRUCTURE SESSION

The motive of the session was to help students improve their problem solving skills and understanding of data structure and algorithms and encourage them to indulge in competitive programming. The main focus of the session was to introduce students to different data structures and their applications.

Introduction to Git

This session was framed to familiarize the greenhorns of our community to step in the field and understand the technologies that are going to improve their efficiency and sharpen their skills.

Python Bootcamp-1

The motive of the session was to help students getting started with programming. The main focus of the session was to introduce students to python programming language and giving them an introduction of basic python syntax.

Python Bootcamp-2

Session was aimed at introducing first year undergrads to the Python programming language. It was an interactive session with hands on practice of the concepts. Speakers: Pratya Chugh, Kanak Agrawal

Python Bootcamp-3

The session's main focus was to introduce students to the python programming language and aimed at driving into the commonly used programming concepts related to looping, lists and functions.

Guidance Session

The session was organized to enlighten students regarding various fields in technology, providing students with the vision to achieve their goals.

- Kashish Chugh
- Nishant Singh Rai
- Kashish Purswani
- Shuja Qureshi
- Aman Arya

**Designed and edited by-
Team #include**

Contact: kashish11chugh@gmail.com

**Dr. Lalit Purohit
- Incharge, #include**

**Mrs. Megha Kuliha
- Incharge, #include**