"MAHITHI"

The Department of Information Science and Engineering came into existence in the year 2007. It is headed by Dr. Prasanna Kumar H R supported by a highly qualified and dedicated staff. The department aims at cultivating the thirst for knowledge, vigor and the vision to look beyond the evident in students. The students are well versed with the exhaustive and thoroughly chosen curriculum, guided as they are by an experienced faculty. Realizing well in time that the information technology wave has become a phenomenon in itself over the past few years, the institute established a separate department to cater the ever-growing demand for professionals in this challenging field. Hands-on training sessions in various fields of application of IT have imparted to the student's considerable acumen in the vast sector. The students perform project work as part of their curriculum to enhance their specification skills, leading to multifaceted development of their engineering concepts.

Department Vision

To create technically competent, ethically strong and skilled IT Professionals.

Department Mission

- **M1**:Enhancing the knowledge through ongoing research and professional development programs by incorporating effective teaching and learning methods.

- **M2:**To prepare students to be successful in their professional career and continuous learners by offering a strong technical foundation with professional and Ethical responsibilities.

WORKSHOP ON "Introduction to IoT and Its Prototypes"

Three Days student Development Programme on *"Introduction to IoT and Its Prototypes "* hosted by the Department of Information Science and Engineering **.**

Date : :   02-01-2023 to 4-01-2023
Department Coordinator: Mr. Rudresh N C, Asst. Professor, Dept. of IS&E.

Mr. Madesha M, Asst. Professor, Dept. of IS&E.

Resource Person: Mr. Karibasavaraju, Sumukha InfoTech, Davangere.

   Mr. Rudresh N C, Asst. Professor, Dept. of ISE, had organized a 3 day's SDP on **"Introduction to IoT and Its prototypes"** under IFERP student chapter from **02-01-2023 to 4-01-2023,** Speaker **Mr. Karibasavaraju, Director-Sumukha Infotech, Davangere** has briefed about the current trends on IOT and its benefits, also shared knowledge on different sensors and its applications by executing simple programs using Aurdino development board. Also he explained simple example programs for finding soil moisture using required hardware and software's. Students of 5th semesters were utilized all 3 day's sessions and taken benefits. Presidential speech was given by beloved principal Dr. Chaitanya Kumar M V, and Associate professor Dr. Pramod was addressed and motivated the students by sharing his knowledge and applications of IOT.

Webinar on " File Handling in Python *"*

Department of ISE organized a one day webinar on "File Handling in Python " on 14/12/2022

Resource Person: Mr. Lohith C, Director, PraLotech Solutions LLP

Mode of webinar: Offline

Webinar coordinator: Dr.Pramod P

A Webinar on 'File handling in python' was organized by Department of Information Science & Engineering in association with PraLotech Solutions LLP on 14/12/2022

The Webinar was organized with the objective of promoting the awareness and skills among all the students. The workshop was attended by 100 participants.

The workshop resource person initially focused on introduction to python, its features and applications. The students got a chance to learn python data types, operators, control structures, functions, data structures, modules, packages, oops concepts, files, libraries of Data science thoroughly. Meanwhile the queries raised by the students were also answered in an efficient way in all the sessions by the resource persons.

Dr.Prasanna Kumar H R, HOD ISE Dept. was invited as a judge for international conference held at NMAMIT,Nitte on 23-12-2022

Dr.Prasanna Kumar H R, HOD ISE Dept. was invited as a session chair for international conference held at Alva's institute of technology ,Moodbidri on 31-12-2022.

"Our Students Our Pride"

Pic (left) Ms. Shraddha Kamat ,v Sem won the title "Miss photogenic "organized by VK Navataare held at Bangalore on 19-03-2023.

Pic (right) Mr. Mihir Kumar ,VII Sem ,has done Live reverse painting in ANWESHANA 20-02-2023 .

Pic (left top) Ms. Amulya O Bennur Won third place in Yuva-janothsava Shimoga district level on 7-12-2022.

Pic (Right top) Ms. Amulya O Bennur Won 2 place at Tara-labalu hunime mahothsava held at kotturu in "Prathibothsava" event on 5-2-2023.

Pic (left bottom) Ms. Amulya O Bennur on behalf of Mahash-ivratri participated in Jangamawadi math at kashi (Varanasi) on 18-02-2023.

Staff Achievements

- Dr.Prasanna Kumar H R, HOD ISE Dept. was invited as a judge for international conference held at NMAMIT,Nitte on 23-12-2022.

- Dr.Prasanna Kumar H R, HOD ISE Dept. Nominated as a member of Technical Committee for the 2nd International Conference on Data Analytics and Learning at AIET, Moodabidri during December 2022.

- Dr.Prasanna Kumar H R, HOD ISE Dept. was invited as a session chair for international conference held at Alva's institute of technology ,Moodbidri on 31-12-2022.

- Mr. Amit Kumar K, participated & completed successfully AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "Analog and Digital Design Flow for VLSI Chip Application" from 20-02-2023 to 03-03-2023 at G M Institute if Technology, Davangere.

- Mr. Amit Kumar K, presented a paper titled "Real Time Detection and Prediction of Agricultural Land Degradation from Urbanization Intrusion using Satellite Imagery" in 2nd International conference on "Emerging Areas in Science, Technology-2023" (ICEAST2023)-In collaboration with ICT Academy on 24th and 25th March 2023 at KLS VDIT, Haliyal.

- Mr. Amit Kumar K, presented a paper titled "Oncology: Prognosis Using Image Processing and Machine Learning" in 2nd International conference on "Emerging Areas in Science, Technology-2023" (ICEAST-2023)- In collaboration with ICT Academy on 24th and 25th March 2023 at KLS VDIT, Haliyal.

- Mr. Amit Kumar K, attended 3 days FDP on "Applications of Deep Learning Techniques to 5G and Beyond 5G Communication Technologies" organized by Bap

- Dr. Pramod ,received Wipro Certified Faculty [WCF] ,Certified by Talent Next WIPRO 2023.

- Dr. Pramod was Reviewer for ICRTEC 2023, NIE ,Mysore,IAC-2023, Eudoxia Research University, USA and for CACCT-2023 ,Chandigarh University, Punjab

- Dr. Pramod is also a IFERP – Karnataka Chapter – Executive Committee Member

- Dr. Pramod was a Resource Person for three days national online workshop on "Data Exploration through Python". From 09 to 11 December 2022 ,Organized by HI LEARN EDUTECH institute in association with PESITM, SHIMOGA

- Dr. Pramod was a Resource Person for IFERP- FDP "Advance AI & Data Analytics from 14/12/2022 to 20/12/2022.

- Dr. Pramod was a Resource Person for "Numerical methods and Scientific computing with Python" from 16/11/2022 to 26/11/2022, Organized by Department of CSE, PESITM, Shimoga from 19/09/2022 to 21/09/2022.

- Mr. Amit Kumar K, participated & completed successfully AICTE Training and Learning (ATAL) Academy Blended/Hybrid FDP on "Computational Intelligence Enabled Sensors and Networks for 5G/6G Wireless Communication" from 14-11-2022 to 25-11-2022 at Jawaharlal Nehru College Of Engineering, Shivamogga.

- Mr. Amit Kumar K, participated in 2 weeks International Faculty Development Program on Data Science Tools, organized by the Dept of AI & DS, Easwari Engineering College held on 07-10-2022 to 21-10-2022.

Student Achievements

- Ms. Namitha, Mr. Dhamini, Ms.Prakruthi, Ms.Subhashini presented a paper titled "Smart voting system using block chain technology" in international conference on emerging areas in science and technology at KLS VDIT, Haliyal on 24-03-2023.

- Ms. Anusha Varnekar, Ms. Sheetal M D, Mr. Srinidhi R, Mr.Darshan R presented a paper titled "Real time detection and prediction of agricultural land degradation from urbanization intrusion using satellite image" in international conference on emerging areas in science and technology at KLS VDIT, Haliyal on 24-03-2023

- Ms. Amulya O Bennur Won third place in Yuvajanothsava Shimoga district level on 7-12-202,Won 2 place at Taralabalu hunime mahothsava held at kotturu in "Prathibothsava" event on 5-2-2023.

"*Tech talk by Alumni*"

Alumni Talk was organized in the department of ISE on Carrier Opportunities in IT Industry on 28.01.2023-

Department of ISE is very fortunate to organize an alumni talk for the current batch students. Mr. Kedar Santhosh Prabhu from 2022 pass out batch was invited to speak with the 3rd semester ISE students. He was asked to motivate and guide them through his past and present experiences as being an ex-student of the department as well as an employee of IT industry. The students also were so much enthusiastic to see Mr. Kedar Santhosh Prabhu as he was very recent senior to many of the students.

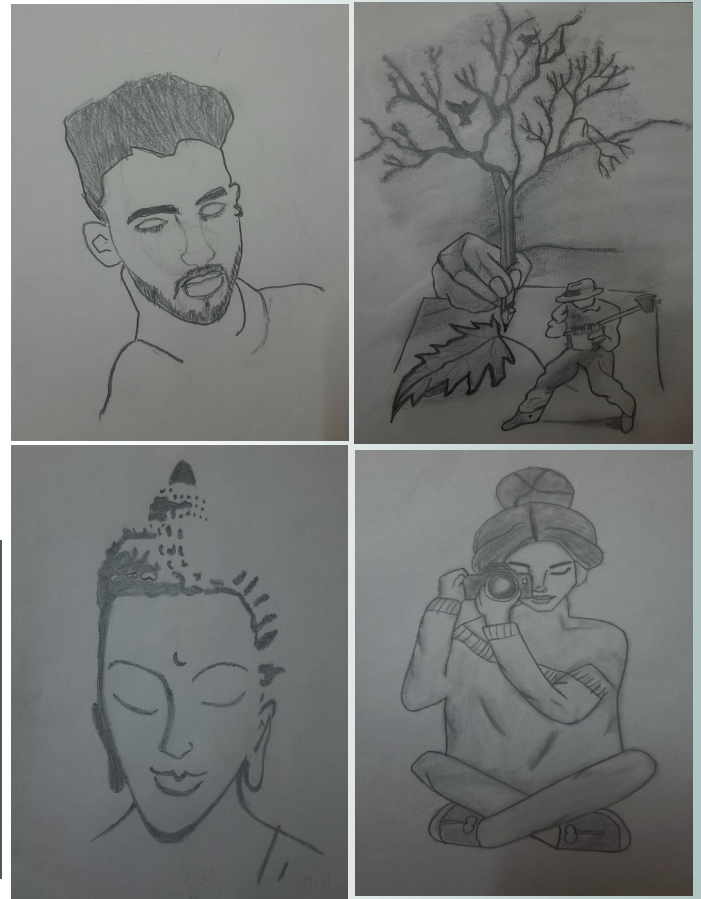**Alumni details:** *Mr. Kedar Santhosh Prabhu ,Batch: 2018 – 2022*

Present Role-: *Associate Software Engineer, Tricon Ltd, Bangalore .*

"*MoU With Contriver*"

MoU Signing Ceremony between PESITM, Shivamogga & Contriver, Mysore on 15-12-2022

**Sketch, Pallavi D ,
V Sem**

**Sketch, Vidhatri Bhat
V Sem**

"Pencil sketch "

**Pencil Sketch,
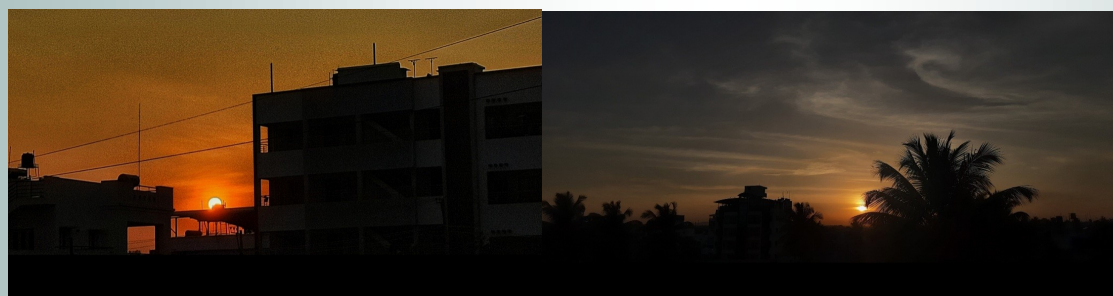Bhumika B R , V Sem**

"*Tech talk on Blockchain technology*"

Technical talk was organized in the department on blockchain technology on 12-11-2022 In this Technical Talk, the blockchain technology idea and its applications was presented by Mr. Abhishek. First, he explained the concept of distributed ledger, central authority and distributed model. Next Mr. Vijaya Ardhya discussed the concept of DLT characteristics with illustrations. He highlighted the conceptual data structures of blockchain and Bitcoin's blockchain structure with diagram. Then he discussed the classification of blockchain networks, bitcoin, consensus's algorithm. He concluded with smart contract examples and blockchain applications.

Industrial visit

PESITM College of Engineering, department of Information Science & Engineering had organised an industrial visit for 55 students of 5th semester ISE who were accompanied by Head of Department : Dr. Prasanna Kumar H R , Faculty Coordinator : Dr. Pramod, Mr. Vinay S K and Mrs. Vani G S on 17th November 2022. The visit was to Mitra Software, Machenahalli IT park, Shivamogga.
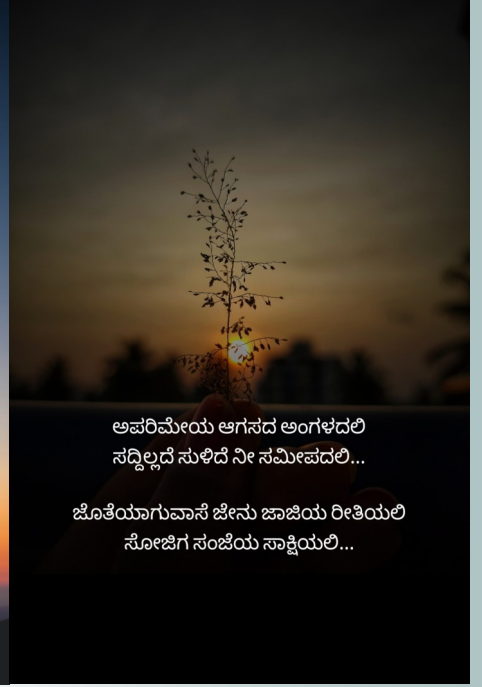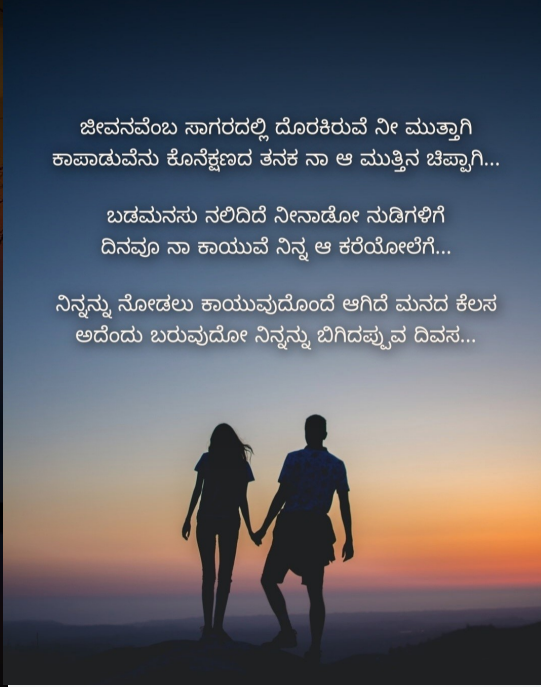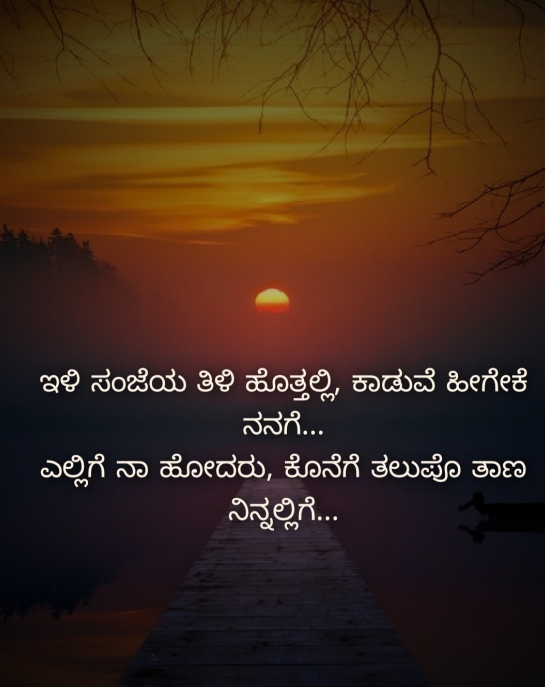

PICTURE CREDITS
Bhumika B R , V Sem

Camerawork !

PICTURE CREDITS
Bhumika B R , V Sem

ಇಳಿ ಸಂಜೆಯ ತಿಳಿ ಹೊತ್ತಲ್ಲಿ, ಕಾಡುವೆ ಹೀಗೇಕೆ
ನನಗೆ...
ಎಲ್ಲಿಗೆ ನಾ ಹೋದರು, ಕೊನೆಗೆ ತಲುಪೋ ತಾಣ
ನಿನ್ನಲ್ಲಿಗೆ...

ಜೀವನವೆಂಬ ಸಾಗರದಲ್ಲಿ ದೊರಕಿರುವೆ ನೀ ಮುತ್ತಾಗಿ
ಕಾಪಾಡುವೆನು ಕೊನೆಕ್ಷಣದ ತನಕ ನಾ ಆ ಮುತ್ತಿನ ಚಿಪ್ಪಾಗಿ...

ಬಡಮನಸು ನಲಿದಿದೆ ನೀನಾಡೋ ನುಡಿಗಳಿಗೆ
ದಿನವೂ ನಾ ಕಾಯುವೆ ನಿನ್ನ ಆ ಕರೆಯೋಲೆಗೆ...

ನಿನ್ನನ್ನು ನೋಡಲು ಕಾಯುವುದೊಂದೆ ಆಗಿದೆ ಮನದ ಕೆಲಸ
ಅದೆಂದು ಬರುವುದೋ ನಿನ್ನನ್ನು ಬಿಗಿದಪ್ಪುವ ದಿವಸ...

ಅಪರಿಮೇಯ ಆಗಸದ ಅಂಗಳದಲಿ
ಸದ್ದಿಲ್ಲದೆ ಸುಳಿದೆ ನೀ ಸಮೀಪದಲಿ...

ಜೊತೆಯಾಗುವಾಸೆ ಜೇನು ಜಾಜಿಯ ರೀತಿಯಲಿ
ಸೋಜಿಗ ಸಂಜೆಯ ಸಾಕ್ಷಿಯಲಿ...

Poetry,
Bhumika B R , V Sem

Painting,,**Neha K S , VII Sem**

Results – 2022-23(Odd semester)

Sl. No	Semester	No. of Students	No. of students passed	Pass Percentage
1	5	55	43	78.18%
2	7	52	48	92.31%

ISE TOPPERS 2022-23

Vinay S , VII Sem

86. 57 %

Keerthana C Shetty , VII Sem

86. 57 %

Denisha Devi B, V Sem

88.77%

Invite for News Articles

We are pleased to invite everyone to send their articles for future editions of "MAHITHI". That fits into the following category.

♦ Informative ,awareness creating, trending, short or descriptive Technical articles /non-technical articles .

♦ Paintings, pencil sketches, doodles, poems, jokes, photography etc...

♦ Articles are accepted both in kannada and English languages.

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