



GMIT's REFLECTION

E-News Letter

MARCH
2023

Volume -4
Issue-3



G M INSTITUTE OF TECHNOLOGY

Post Box No. 4, P.B. Road,
Davangere, Karnataka-577 006.

www.gmit.ac.in

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SUBJECT PRESENTATION BY FACULTY

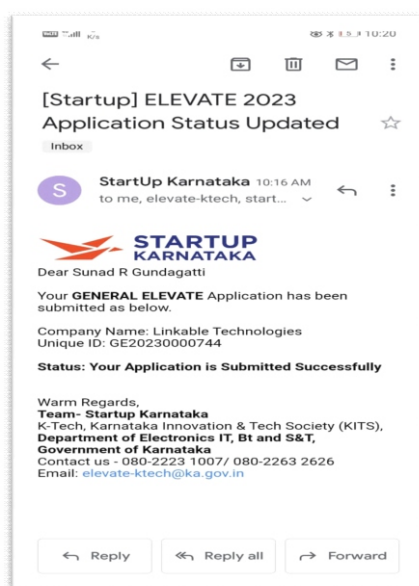


The presentation was taken by HoD of AIML Department Mr.Keerthi prasad G from the faculty of the respective subjects to enhance the teaching skills by discussing about the subjects of 6th semester.

PAPER PUBLICATION

Professor Mr.Keerthi prasad G has published the paper entitled “Hand Written Character Recognition Using Morlet Stacked Sparse Auto Encoder Based Feature Dimension Reduction” in the Scopus Indexed Journal, International journal of intelligent engineering and systems.

START UP



SPORTS ACHIVEMENT



AIML department 6th semester student **SUHAS B M** has won the 3rd price in power lifting in 59 body weight category organized by Karnataka state power lifters association RAW, Davanagere held in Hospet.

Under the mentorship of AIML Department, the startup named “**LINKABLE TECHNOLOGIES**” has been registered on 27-03-2023 and submitted the application for 50 lakh funding from the Government of Karnataka's Elevate 2023 scheme.

DEPARTMENT OF BASIC SCIENCE

NATIONAL SCIENCE DAY – 2023

National science day is celebrated every year on 28th February in commemoration of the discovery of the '**Raman effect**' by the genius scientist sir C V Raman.

To inspire students to advance technology in various fields by developing their skills. On March 1st, 2023, a technical session is held for GMIT first-year B E students in collaboration with the Indian Society of Technical Education (ISTE).

On 01-03-2023, the function was inaugurated by watering the plant form Resource Person Dr. S P Basavaraju, Professor, Dept. of Physics, BIT, Bangalore, Principal Dr. Sanjay Pande M B, GMIT, Dr. Onkarappa K S, Head, Dept. of Basic Science, Dr. Onkarappa H S, Head, Dept. of Chemistry, Dr. Swaroop, Asst. Professor, Dept. of Physics, Dr. Pavithra K S and Mrs. Savitha K C coordinators. Everyone addressed the students.



DEPARTMENT OF BIOTECHNOLOGY

SOCIAL CONNECT ACTIVITY:

Students of third semester were taken to **Haveri District Bio-Fuel Research, Information and Demonstration Centre (Centre of Agriculture), KVK- Hanumanaatti, Ranebennur Taluk, Haveri District** as a part of social connect activity on. They were accompanied by faculties **Dr. Pavan KJ, Dr. Pradeep MJ, Mr. Rakesh N R, Mrs. Keerthi S and Miss Sushma B S**



POSTER PRESENTATION:

Students of third semester participated in **poster presentation course activity** for **Unit Operations (21BT32)** and **Biochemistry (21BT33)** on 16th March, 2023. Course coordinators **Dr. Pradeep MJ** and **Miss Sushma B S** conducted the activity.



FACULTY ACHIEVEMENTS:

PAPER PUBLICATION:

- Dr. Prakash K K, Professor and Head** published a paper titled **“Synthesis of Tin Oxide Nanoparticles using *Nelumbo nucifera* extract for electrochemical sensing of Dopamine”** in International Journal of Modern Physics B Vol.37, No.11 (2023) 2350108

International Journal of Modern Physics B
Vol. 37, No. 11 (2023) 2350108 (12 pages)
© World Scientific Publishing Company
DOI: 10.1142/S0217979223501084



Synthesis of Tin oxide nanoparticles using *Nelumbo nucifera* leaves extract for electrochemical sensing of dopamine

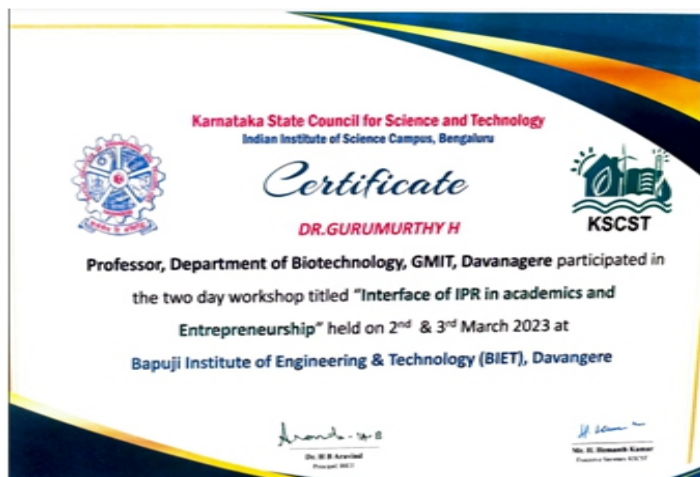
A. Harshavardhan*, Santhosh Bullapura Matt†, M. Ijaz Khan†,***,
K. K. Prakash[§], Maha Abdallah Alnuwaiser[¶], V. S. Betageri^{||}
and Manjappa Sidlinganahalli^{||}

MARCH 2023 REFLECTION

II. Mrs. Deepti Pallela, Assistant Professor paper titled “**Invitro qualitative phytochemical analysis, antibacterial activity and antioxidant potential of *Ficus mysorensis***” has been accepted by Indian Journal of Pharmaceutical Sciences

WEBINAR PARTICIPATION:

Dr. Gurumurthy H, Professor and Mrs. Keerthi S, Mr. Ganesh Tilve and Miss Sushma B S (Assistant Professors) attended Two-Day Workshop titled “**Interface of IPR in Academics and Entrepreneurship**” held on 2nd and 3rd of March, 2023 at Bapuji Institute of Engineering and Technology (BIET), Davanagere jointly organised with **Karnataka State Council for Science and Technology (KSCST), Bengaluru**



TECHNICAL SESSION CHAIR:

Dr. Gurumurthy H, Professor has chaired a technical session in two days international conference on “**Approaches towards affordable clean energy, good health and well being**” organised by the Department of Life Sciences, Garden City University in association with **Karnataka State Bioenergy Development Board** on 2nd and 3rd March, 2023



EXTERNAL EXAMINERS:

Mr. Rakesh N R and Mr. Ganesh G. Tilve, Assistant Professors were appointed as external examiners for Laboratory Examination and SEE Theory Scripts Evaluation for 7th and 5th Semester BE- Biotechnology Examinations at Siddaganga Institute of Technology, Tumkuru from 8th to 11th March, 2023



Ten days “Extensive Survey Camp” is conducted for 6th semester students from 12-03-2023 to 21-03-2023 near Tolahunase, Davanagere.

This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and teamwork skills. This survey camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision. The ten days camp was divided into various surveying exercises- Fly levelling, compass surveying, theodolite surveying and Contouring. In the camp, all the students of Civil Engineering Department learnt all the technical aspect which is required in Surveying.

FORM 1

Application for Registration of Design

[See section 5 and 44]

You are requested to register the accompanying design in:

Sr	Class	Sub-Class	Articles
1	25-00-Building units and construction elements	25-02-PREFABRICATED OR PRE-ASSEMBLED BUILDING PARTS	Biometric and Touch Controlled Prefab Smart Door

In the name of :

Sr	Name	Nationality	Address
1	Dr. Amur R.	India	Assistant Professor, Department of Civil Engineering, Government Engineering College, Hassan – 573201, Karnataka, India.
2	Dr. Harish Budihal Anjaneya	India	Assistant Professor, Department of Civil Engineering, G M Institute of Technology, Davanagere – 577006, Karnataka, India.
3	R. Pradab	India	Assistant Professor, Department of Mechanical Engineering, CSI College of Engineering, Kottai, The Nilgiris – 643215, Tamil Nadu, India.
4	Kiran Kumar Kommineni	India	Flat no 301, Sai Gopala Krishna Towers, 6/2 SVN Colony, Guntur - 522006, Andhra Pradesh, India.
5	Prasoon Prasanna Prameela	India	Assistant Professor, Department Of Civil Engineering, College Of Engineering Trichuripuzha, Kasaragod - 671315, Kerala, India.
6	Dr. Panyaban Patel	India	Professor, Department of Computer Science and Engineering, C.M.R. Technical Campus, Hyderabad - 501401, Telangana, India

who claim(s) to be the proprietor(s) thereof.

Four exactly similar representations of the design accompanying this request.

The design is to be applied to **Biometric and Touch Controlled Prefab Smart Door**,

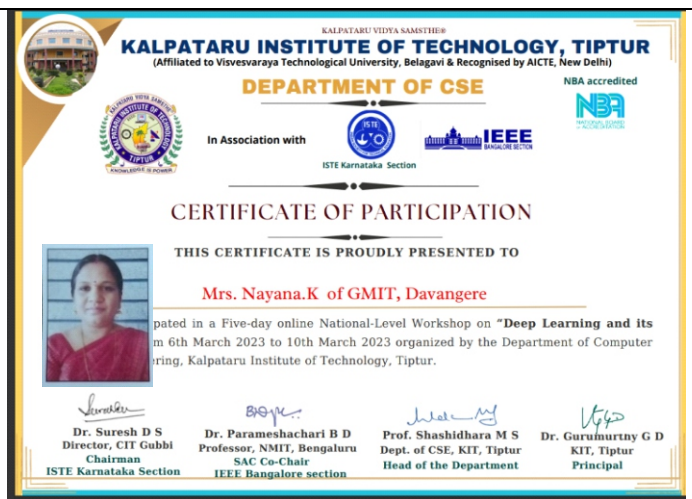
Dr. Harish B A, Assistant professor, Department of Civil Engineering submitted patent application on topic “Biometric and touch controlled prefab smart door”. Design Filed - D.A. No.: 382170-001 - Biometric Smart Door - Indian Design Patent Grant (Allinnov Organized) - ID DG128.



Department of Civil Engineering

Dr. Harish B A, Assistant professor, Department of Civil Engineering received certificate of reviewing for 4 reviews between February 2023 and March 2023 in recognition of the review contributed to the “Materials today proceedings”.

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

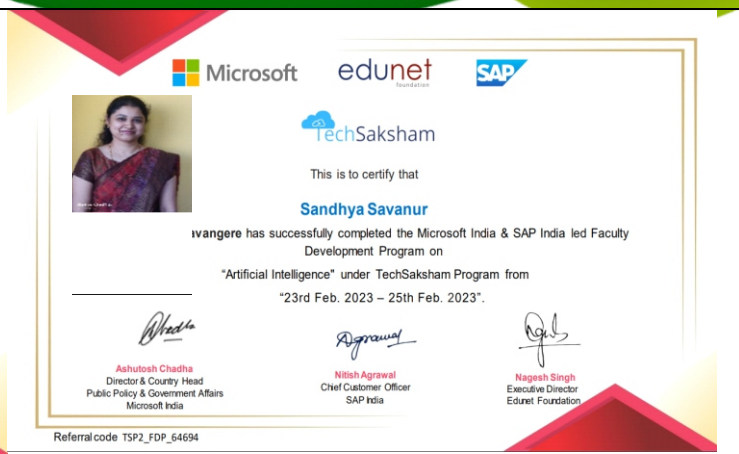


Dr. Maheshwari L Patil and **Mrs. Nayana. K** G M Institute of Engineering and Technology, Davanagere, For Having participated in a Five -day online National -level Workshop on “ **Deep Learning and its Applications** ” form **6th March 2023 to 10th March 2023** organized by the Department of Computer Science & Engineering, **Kalpataru Institute of Technology, Tiptur** .

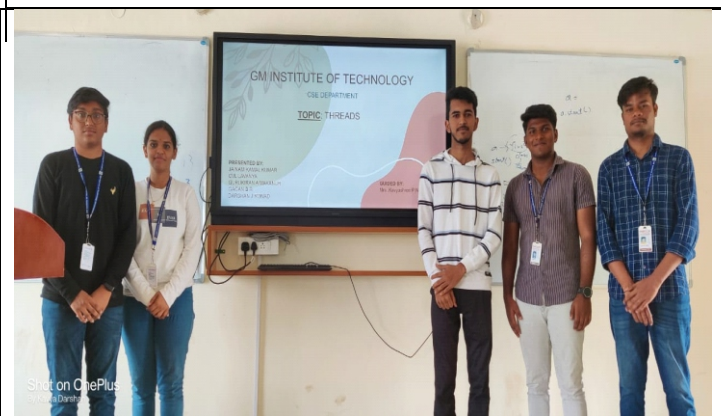
Faculty Achievements:



Institution’s Innovation Council of “Skill Pack - Personality Development Program” held on 6th March to 9th March 2023 in the presence of President **Dr. Sanjay Pande M B** Principal, GMIT, Davangere, **Mr. Santoshkumar M** Asst. Professor & Head, Dept. of CS&E, Resource person **Mr. Mahesh Raju** Soft Skills Trainer and Coordinator **Ms. Meghana G H** Asst. professor, Dept. of CS&E, **Ms. Chaitra K G** Asst. Professor, Dept. of CS&E.



Mrs. Kavyashree P N and Mrs. Sandhya R Savanur Asst. Prof., Dept. of CS&E from GMIT has successfully completed the Microsoft INDIA & sap India led Faculty Development Program on “Artificial Intelligence” under TechSaksham Program from 23rd Feb 2023 to 25th Feb 2023.



Object Oriented Programming with Java Laboratory Activity presentation for 3rd sem students held on 13th and 14th of March 2023 with the Guidance of Mrs. Kavyashree P N Asst. Prof., Dept. of CS&E.

New Faculty Joined:



New faculty, **Mrs. Varsha I G**, has appointed as Assistant Professor, of CS&E Department and get reported on 20th February 2023.



Mr. Aruna Kumar B T Asst. professor, Dept. of CS&E, has completed Ph.D. Open Seminar. Dated: 21st March 2023.

“SOCIAL CONNECT AND RESPONSIBILITIES” held on 15th of March 2023 in the presence of President: **Mr. Santoshkumar M** Asst. Professor & Head, Dept. of CS&E, Resource Person: **Dr. Kiran Kumar H S** Associate Professor, Dept. of Civil Engineering, Convener: **Dr. Maheswari L Patil** Asst. Professor, Dept. of CS&E and Coordinator: **Ms. Deepu B P** Asst. professor, Dept. of CS&E.



Analog and Digital Electronics Poster Presentation for 3rd semester student held on 13th March 2023 with guidance by **Mr. Aruna Kumar B T** Asst. professor, Dept. of CS&E,



Mr. Shankarayya Shastri, Assistant Professor, Department of CSE had attended a **2nd international conference** held at **VDIT Haliyal** and presented his research paper on text classification, also he received **Best Paper Presented Award**.



Ms. Chaitra K G and Ms. Meghana G H Asst. Prof., Dept. of CS&E from **GMIT** has successfully completed the **Microsoft INDIA & sap India** led Faculty Development Program on "**Artificial Intelligence**" under **TechSaksham** Program from **23rd Feb 2023 to 25th Feb 2023**.



Mrs. Sandhya R Savanur and Mrs. Kavyashree P N of **GM Institute of Technology** has participated and successfully completed One **Week AICTE-VTU joint Teachers Training Programme** on "**Introduction to Python Programming & its Applications**" from **13th to 17th March 2023** Organized by **Visvesvaraya Technological University, Centre for PG studies, VIAT, Muddenhalli, Chikkaballapura(Dist.)**



Mrs. Sandhya R Savanur Assistant Professor, Department of CSE has published Journal paper titled "**SentiNeg: Algorithm to Process Negations at Sentence Level in Sentiment Analysis**", in International Journal of Software Innovation ,

Dated 04-01-2023.



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Pranav V, Pooja H P, Vanamali Sedimbi & Navaprettam N of 6th sem students CS&E, GMIT Davanagere, has secured **2nd prize** in **TCE-HACKATHON-2023** conducted by Dept. Of CS&E, Tontadarya College of Engineering, Gadag in association with DLithe Pvt Ltd. Guided by **Mr. Maruti S T** Asst. Professor, Dept. of CS&E.



Three Days Workshop on “**Mobile Application Development**” held on 29th to 31st March 2023 in the presence of President **Dr. Sanjay Pande M B** Principal, GMIT ,Davanagere, **Mr. Santoshkumar M** Asst. Professor & Head ,Dept. of CS&E, Resource Person **Mr. Adarsh Sokke** Founder and CEO, Epsilon Software Solutions, Davanagere, and Coordinators **Mrs. Sandhya R Savanur** Asst. Professor, Dept. of CS&E. and **Mrs. Kavyashree P N** Asst. Professor, Dept. of CS&E.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Content 1: ATAL FDP



The ECE department has organized Two week FDP on “**Analog and Digital Design Flow for VLSI Chip Application**” from **20-02-2023 to 24-02-2023 and 27-03-2023 to 03-03-2023**. The ECE faculties **Dr. Kavitha K J, Mr. Suprith P G, Mr. Santosh B G, Mrs. Chaitra S N, Mrs. Deepa T , Mr. Hanumanth Raju R K, Ms. Deepika V B, and Mrs. Veenah T** have participated in the FDP.



Content 2: AICTE Activity



As per the VTU circular and AICTE circular GM Institute of Technology, Davangere 8th ECE students are conducted AICTE-Activity points earning program in Kadajji (Tq& Di: Davangere) and Kurki village (Tq& Di: Davangere) on March 7th 2023 and March 9th 2023. The topics selected by GMIT ECE students are : Awareness of Digital India/Skill India/Swachcha Bharat, Promotion of appropriate Technologies, Automation of local activities, Developing sustainable water Management System, Rain water harvesting, Awareness about cleanness at home and surroundings, Developing & Managing efficient garbage disposal system, Awareness about the education loans and scholarship.

Content 3: AICTE Activity



Mrs. Deepika V B , Assistant Professor, ECE Department attended 5-days Online National Seminar on Emerging trends in Intelligent Computing organised by School of Computer Science and Engineering, VIT-AP University, Amaravati from 14th March to 18th March 2023.

1. STUDENT DEVELOPMENT PROGRAM



Department of EEE , has organized 2 days webinar on student development program for the enhancement of student skills.

The program was inaugurated by our beloved principal Dr. Sanjay Pande M. B, guest of honor Mr.Mahesh Raju and head of the department Dr.Murugendrappa, and Dr.Praveen J, Head of the department, ECE on 10th march 2023 at kalpana chavla auditorium. And successfully completed this program by delivering his workshop on soft skills training in order to use experience to change students and career aspirants through process and providing key problem areas. The department of EEE and principal are appreciated and felicitated to the resource person

INFORMATION SCIENCE AND ENGINEERING DEPARTMENT

1. Research Supervision



Deepak D.J, Research scholar, department of Information science and Engineering completed his Open seminar – 1 on 16-03-2023 under supervision of Dr. Sunil Kumar B S Professor and Head GMIT Davangere.

2. Publication.

Dr. Neelambike S Associate Professor Published a paper Title “Effect of Addition of LD Slag Aggregate on Fresh and Hardened Properties of Cement Concrete” in Scopus index ASM Science Journal Malaysia.

3. Patent Publication

Dr. Neelambike S, Associate Professor, published an Indian patent Title: VANET-IoT Based Intelligent Traffic Management System for Smart Cities”, Application No: 202341010713A on 17-03-2023.

4. Parent's Meeting



A **Parent's Meeting** of 1st Semester students was held on **21st March 2023**, from 10.30 am. Parents of more than twenty students attended the meeting. The highlights and the happenings of the department were brought to the notice of the parents. The academic performances, student achievements, training on recent technologies conducted for students were discussed.

5. Workshop



One day workshop on “*Fundamentals of JAVA Programming*” for 3rd semester students was presented by Mr. Imran Khan, Assistant Professor, Department of Information Science and Engineering.

DEPARTMENT OF STUDIES IN MANAGEMENT



Dr.Prashantha Kumar O HOD Department of studies in Management.Attended Inauguration of VIKRANTH Techno cultural forum as Chief guest in Sri Mudegowdra Revanasiddappa School of Information sciences and Management.Davangere



Department of Studies in Management, GMIT, Davangere.Organized “Awareness on self-defence techniques to women students of MBA”, As a part of women's day celebration. On this event Ayesha Farheen expert in martial arts shown demo to students how to defence themselves from unwanted evils Dr Prashantha kumar O. HOD of Department of Management Studies, addressed the students regarding women's day importance and need for self defence techniques in present generation.

**GMS ACADEMY FIRST GRADE COLLEGE,
DAVANGERE**
Women Empowerment Cell
ORGANIZING

The conservation of all resources by means of responsible production, consumption, reuse and recovery of all products, packaging, and materials, without harming them, and without causing to land, water or air that threaten the environment or the climate.

<p>JUDGES</p> DR.K JAGADESWARI Asst. Prof., MBA Department, GMIT	<p>JUDGES</p> Mrs. Anjali B Asst. Teacher, Basavanthappa school Dng
<p>JUDGES</p> Prof. Anand K Asst. Prof., Dept. of Education	<p>JUDGES</p> Prof. Anand K Asst. Prof., Dept. of Education

DATE & TIME
13/03/2023 @ 3:00PM
VENUE
ZOOLOGY LAB

Women empowerment cell organized best out of waste competition.on the occasion of women's day Dr.K Jagadeswari Asst.Prof. Department of management studies attended as judge. In GMS Academy first grade college Davangere



As a part of forum Activity Market Makers was conducted for first year MBA Students on 15th March 2022.

Students groups were made and informed them to visit certain retail Industries in Davangere and observe how 4p's of marketing works.

Students Presented a Presentation on 4p's of marketing Managed by Retail Industries such Reliance Market, Vishal Mart, Food Mart, More, Reliance Digital and Shammur Shoppe.

Mr. Shreeshaila P Vijayapur acted as a Event Coordinator, Faculty members of Department of Management Studies assisted in executing forum activity in successful way.



MBA Department organized one day Industrial visit for 1st year MBA students to GM Agro- industries pvt ltd, Harihar. Mr. Shreeshaila P Vijayapur Asst.Prof and Mr. Vinay I Asst Prof. MBA Department acted as an Event Coordinators

During the visit Dr.K.Jagadeswari Asst.Prof. MBA Department and Mr. Athiqr rahaman Asst. Prof. MBA Department along with 60 students in a college Bus had been to the GM agro. During the visit students visited different departments like production, sales and HR departments and enriched their knowledge in this process.



Dr. Prashantha Kumar O HOD. Department of studies in management. Attended ONE Day state level Workshop on soft skills as a resource person



Srishyla Educational Trust (R), Bheemasamudra - 577 520

GM INSTITUTE OF TECHNOLOGY

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka

P.B. Road, NH-4 Davangere-577 006, Karnataka, INDIA • Website : gmit.ac.in, Email : principal@gmit.ac.in