

GMIT's

REFLECTION

E-News Letter

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Issue - 11



CSE, ECE, CIVIL, ME



GM INSTITUTE OF TECHNOLOGY

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Invited Article :

For me, **Jiddu Krishnamurti** has been one of the foremost thinkers of the last century. His philosophy was simple - the only one way to figure out things in life is to figure out yourself. No guru can help. While going through his works one can hardly get any direct answers.

As a young student, I found the following passage from his collection "**On Education**" very inspiring. This was part of his interaction with little kids from Rishi Valley School in India.

Now, let us find out what is the real meaning and intention of education. Can your mind, which has been conditioned by society, the culture in which you have lived, be transformed through education so that you will never under any circumstances enter the stream of society? Is it possible to educate you differently? `Educate' in the real sense of that word; not to transmit from the teachers to the students some information about mathematics or history or geography, but in the very instruction of these subjects to bring about a change in your mind. Which means that you have to be extraordinarily critical. You have to learn never to accept anything which you yourself do not see clearly, never to repeat what another has said.

I think you should put these questions to yourself, not occasionally, but every day. Find out. Listen to everything, to the birds, to that cow calling. Learn about everything in yourself, because if you learn from yourself about yourself, then you will not be a second-hand human being. So you should, if I may suggest, from now on, find out how to live entirely differently and that is going to be difficult, for I am afraid most of us like to find an easy way of living. We like to repeat and what other people say, what other people do, because it is the easiest way to live - to conform to the old pattern or to a new pattern. We have to find out what it means never to conform and what it means to live without fear. This is your life, and nobody is going to teach you, no book, no guru. You have to earn from yourself, not from books. There is a great deal to learn about yourself. It is an endless thing, it is a fascinating thing, and when you learn about yourself from yourself, out of that learning wisdom comes. Then you can live a most extraordinary, happy, beautiful life. Right? Now, will you ask me questions?

Student: The world is full of callous people, indifferent people, cruel people, and how can you change those people?

Krishnamurti: Is that it? Why do you bother about changing others? Change yourself. Otherwise, as you grow up you will also become callous. You will also become indifferent. You will also become cruel. The past generation is vanishing, it is going, and you are coming, and if you also prove callous, indifferent, cruel, you will also build the same society. What matters is that you change, that you are not callous, that you are not indifferent. When you say all this is the business of the older generation, have you seen them, have you watched them, have you felt for them? If you have, you will do something.

Change yourself and test it by action. Such action is one of the most extraordinary things. But we want to change everybody except ourselves, which means, really, we do not want to change, we want others to change, and so we remain callous, indifferent, cruel, hoping the environment will change so that we can continue in our own way. Do you understand what I am talking about?



Mr. Pravir Kumar
CEO at Rubicon

Department of Basic Sciences :

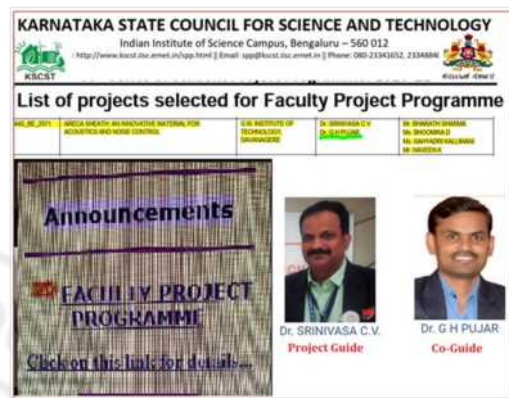
Project Selected for 'Faculty Project Programme' @ KSCST :

KSCST has started a new initiative titled "Faculty Project Program (FPP)" to support product/services development. Under this new initiative, KSCST is inviting project proposals from faculty/project guides of those projects awarded as the best project of the year/projects selected by the committee for further development/prototype under the 40th Series to 44th Series of Student Project Programme (SPP).

The Student Funded Project entitled **"Areca Sheath: An Innovative Material for Acoustics and Noise Control"** is selected for the 'Faculty Project Programme' by KSCST.

Guide : Dr. Srinivasa C V

Co-Guide : Dr. G H Pujar



Appointed as "Special Officer" @ VTU, Belagavi :



Dr. V S Betageri, Dean-Students Affairs, Prof. & Head-Chemistry, has been deputed as **'Special Officer'** for 2021-22 @VTU, Belagavi.

New Faculty



New faculty, namely **Dr. Vinay Parol** (Department of Physics), **Dr. Pavitra K S** (Department of Chemistry), and **Mr. Ganesha Channagoudra** (Department of Physics) have been appointed as Assistant Professor in November 2021.

Participated in AICTE sponsored FDP :

Dr. Santhosh B M (Asst. Prof., Dept. of Chemistry), **Smt. Sushma G Katti** (Asst. Prof., Dept. of Physics) and **Shilpa VA**

(Asst. Prof. Dept. of Chemistry) have participated in AICTE Sponsored Two Weeks National Level Faculty Development Program on "Empowering Teaching Learning Using Modern Pedagogy Tools in Technical Education" organized by Dept. of Mechanical Engineering, UBDT College of Engineering, Davangere, during 18th -30th Oct 2021.



Orientation Program for First Year BE students-2021 Batch :

Orientation program was conducted for First Year BE students from 18th to 27th November 2021 organized by Basic Science department. This program had several pep-talks by Principal, HOD's of various departments. The talks were includes engineering skills and its importance, human values, importance of engineering in basic science, tips for success, computer awareness, importance of research in engineering career, major issues of environment, way to dreams, quality of education, opportunities in IT industries and so on.



Dr. Y Vijaykumar, Principal inaugurated the program and enlighten the students. **Dr. V S Betageri**, HoD-Chemistry, welcomed the Guests and budding engineers. **Dr. Onkarappa K S**, HoD-Basic Science, and **Dr. Sunilkumar B S**, Dean-Academics & HoD-ISE have briefed about the program and its importance. **Dr. G H Pujar**, HoD-Physics, delivered the Vote of Thanks. **Mrs. Sushma Katti**, Asst. Prof., Dept. Of Physics, has done the Master of Ceremony for the event. This program was successfully conducted and well organized with the support of all faculty of the Basic Science department.

BIO - Codes :

Department forum "GENELIX" inauguration :

Department of Biotechnology organized its forum "GENELIX" inauguration program on 18th November 2021 at Dr. C N R Seminar Hall. **Dr. S Shishupala**, Professor, Department of Microbiology, Davangere University presided as Chief Guest and delivered a technical talk on "Biology to Biotechnology". Principal Dr.Y. Vijaya Kumar, Forum Chairman and Head of Department **Dr. Prakash K K**, Training and Placement Head **Mr. Tejasvi Kattimani**, Faculty Forum Coordinator **Mr. Ganesh Tilve**, Heads of various departments, Teaching and Non-teaching staff, and Students of Department of Biotechnology were present on the occasion.



National Conference participation and Best Oral Presentation Award:



Mr. Ganesh Tilve

Won FIRST place in oral presentation for the paper titled "Synthesis of chitosan nanoparticles and its antimicrobial application in medical protective wears" in a two-day virtual national conference on "Transforming Trends in Life Sciences and Health Care" (NTTLH-2021) organized by



Dwarka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai in association with Indian Science Congress Association (Chennai Chapter) on 17th and 18th November, 2021

Provisional seat allotment for Ph.D in Biotechnology in Davangere University

Mr. Ganesh G. Tilve has been allotted a provisional seat for Ph.D. in Biotechnology admission at Davangere University. He has successfully cleared the entrance examination with 72% marks. He will be carrying out research in microbial biotechnology on xylose utilizing yeast under the guidance of **Dr.Seema J. Patel**, Associate Professor, Department of Biotechnology, Davangere University.



DAVANGERE UNIVERSITY			
Department of Studies in Biotechnology Shivajinagar, Davangere-577 007.			
Date: 16-11-2021			
SELECTED CANDIDATES FOR Ph.D. October 2021			
Sl. No.	Name of the Candidate	Category	Percentage
1	S.A.SIVA S.B.	SC	88.00% Qualified
2	P.RAJESH K.	ST	84.00% Qualified
3	P.RAJESH K.	ST	84.00% Qualified
4	S.MANJUNATH	ST	81.00% Qualified
5	S.PATEL R.K.	ST	80.00%
6	S.PATEL R.K.	ST	80.00%
7	S.PATEL R.K.	ST	80.00%
8	S.PATEL R.K.	ST	80.00%
9	S.PATEL R.K.	ST	80.00%
10	S.PATEL R.K.	ST	80.00%
11	S.PATEL R.K.	ST	80.00%
12	S.PATEL R.K.	ST	80.00%
13	S.PATEL R.K.	ST	80.00%
14	S.PATEL R.K.	ST	80.00%
15	S.PATEL R.K.	ST	80.00%

National Online Workshop :

Participated in a 3-week online course on “**Entrepreneurial Skills Development Course for Young Researchers in Biotechnology**” organized by Pune Knowledge Cluster (PKC) and Agharkar Research Institute, Pune between 11th October to 29th October 2021.



National Webinar participation :

Participated in national webinar on “**Success without Stress**” organized by Department of Plant Biology and Plant Biotechnology, Presidency College, Chennai on October 30th, 2021



National e-quiz participation :

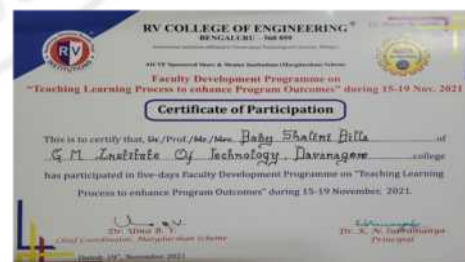
Participated in National Level E- Quiz on General Microbiology organised by C.G. Bhakta Institute of Biotechnology, Surat (Gujarat) in November 2021 and secured 64%



Faculty Development Programme:



Miss Baby Shalini Billa, Assistant Professor Attended 5 days AICTE sponsored Faculty Development Programme “**Teaching-Learning Process to enhance Program Outcomes**” organized by R V College of Engineering, Bengaluru from 15th to 19th November 2021.



International publications :



Rakesh, N. R., et al “In Silico Pharmacological Studies and RMSD Comparison of FDA Drugs with Bioactive compounds in Musa Paradisica for Ligand Promotion”. Journal of Xi’an Shiyou University, Natural Science Edition, 2021 ISSN: 1673-064X, 17(1) pageNo.90-104

Rakesh, N. R., et al. In silico Molecular Docking study approach with Multipotent anti-viral and anti-malarial drugs for COVID-19 main protease key enzyme responsible for mediating viral replication and transcription. Journal of Xi’an Shiyou University, Natural Science Edition, 2021 ISSN : 1673-064X, 17(1), November 2021, 9-20

SMART - CIVIL : Forum Inauguration :

Inauguration of Civil Engineering Students forum association "PYRAMID" on 13th November 2021. The chief guest of the function was **Dr. K Manjunath**, Professor, DoS in Civil Engineering, UBDT college of Engineering., Presided by our beloved Principal **Dr.Y Vijaya Kumar**, Head of the Department **Dr. Y B Bharatharaj Etigi**, Forum Co-ordinator **Mr.Kiran Kumar C M**, Forum student coordinator **Ms. Sadvi Balaraj** were Present.



Mr. Kiran Kumar C M, Assistant Professor, Department of Civil Engineering, attended 5 days faculty development program on "Teaching-Learning Process to Enhance Program Outcomes" Conducted by RV College of Engineering, Bengaluru, from 15-11-2021 to 19-11-2021.



Dr. Arun Kumar S L, Associate Professor, Department of Civil Engineering, has participated in the two days workshop on "National Education Policy-2020" conducted by KLS Gogte Institute of Technology, Belagavi, from 19-11-2021 to 20-11-2021.



Department of Civil Engineering has organized a technical talk on "Value Added Softwares", in association with INSTRUCT and ISTE professional bodies on 29-11-2021. **Mr. Syed Ahmed**, Structural Engineer, SMF Engineering Consultants, has delivered the technical talk.



Mr. Virupaksha H V, Assistant Professor, Department of Civil Engineering, has participated in the two days workshop on "Universal Human Values and Professional Ethics" conducted Department of Civil Engineering, BIET, Davanagere, from 29-11-2021 to 30-11-2021.



Mr. Hanumesh B M, Asst. Professor, Department of Civil Engg., completed his open seminar -1 for the Ph.D. Work on topic "Behaviour of Hybrid Reinforced Two Way Slabs" on 17th November 2021 under the guidance of Dr. H R Prabhakara, Professor, UBDTCE Davanagere, and **Dr. N Venkata Ramana**, Professor, UBDTCE, Davanagere.

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Cache - CSE :

Mr. Aruna Kumar B T, Asst. Professor, Dept. of CS&E has published a patent with the title "Visitors Detection and Face Recognition system using IoT Technology" on 01.11.2021 with its Ref/Application No.: TEMP/E1/56402/2021-CHE and Application No.:262141043674, under the guidance of Dr.Manjanaik N, Professor, Dept. of E&CE, UBDTCE, Davanagere.



REFLECTION

FDP :

Mr. Rudresh N C Asst. Professor Dept. of CS&E has been attended the 10 days hands-on FDP on UI-Path which is organized by ICT Academy from 20th October 2021 to 30th October 2021, where learned about different components of UI-Path, UI-Path studio installation, concepts of Robotics enterprise framework, and other applications of frameworks.



Dr. Sanjay Pande M B, Professor and Head Department of CS&E has been Elected and awarded as grade of Senior Member by IEEE.



Mr. Sunad R G, Ms. Anushree P L, and Divya R B of 5thsem are successfully finished Swayam NPTEL Course on “Programming in Java” with an aggregate percentage of 84, 82 and 86 respectively under the guidance of Department NPTEL coordinator Mr. Kotreshi S N.



The placement team of CS&E conducted an online quiz for the students of the 3rd and 5th semester on the topic “Basics of C Programming” on 25th November 2021 under “Koushalya – Industry Ready Students Training Program”.



E - LEARNING :

Faculty Publication :



Dr. Praveen J published a paper entitled “Sierpinski carpet fractal monopole antenna for ultra-wideband applications”, International Journal of Electrical and Computer Engineering (IJECE)-Scopus (Q2).

Mr. Raviteja Balekai Delivered a Technical Talk for a webinar on the topic "**Internet of Medical Things**" in BIO ENGINEERED 1.0 organized by IEEE Student Branch manipal and IEEE SBM EMBS Chapter on 30th Oct 2021.



FDP Participation :



Mr. Sharanabasaveshwara H B participated in 5-Day FDP on “**Teaching-Learning Process to enhance Program Outcomes**” during 15-19 Nov 2021.

Ph.D. Viva-Voce Defence :

Mr. Rajashekar Kunabeva, Assistant Professor, Department of Electronics and Communication Engineering completed his Ph.D. Viva-Voce Examination on 27.11.2021. He was pursuing Ph.D. from VTU, Belagavi. Congratulatory!!!



AICTE-ISTE Proposal Sanction :

Dr. Lata B M wrote a proposal for ISTE and has obtained a sanction of Rs. 93,000/- for conducting FDP on Machine Learning for Pattern Recognition.



Forum Activity on Aptitude and Logical Reasoning Training :



The students were given a one-day presentation on aptitude and logical reasoning by the external trainer and resource person **Ms. Smruti P R**. They were also educated about interview etiquette.

The event on aptitude training was conducted on Date: 17/11/2021. The resource person gave brief talk on aptitude, logical reasoning, soft skills and resume building in one day. The resource person also explained how to prepare for various companies like TCS, WIPRO, HCL and other MNCs. The session was for pre-final year students and around 120 participants were present along with principal, hod ece, tpo head and faculty coordinators.

Mech - Tech :

Design Now workshop, organized by FORMEC in association with ICT academy, on Autodesk Fusion 360 based on IDW 2022 was conducted on 18th November 2021.



FORMEC, Department of Mechanical Engineering, GMIT, Davangere conducted a Technical session on **“Design Innovation for Successful Career in the field of Aeronautics, Space and Defense for Mechanical Engineers”** on 24th November 2021 in association with SS TECHNOLOGIES, Bengaluru. Resource Person: Mr. Dhanish Abdul Khader, Space System Engineer (Analytics),

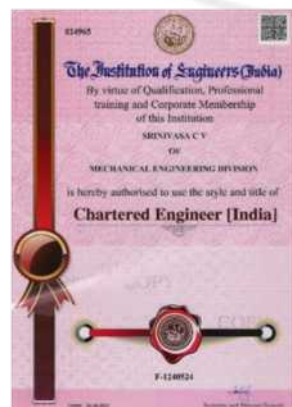


Parents Meet :



Faculty Achievements :

Dr. Srinivasa C V, Professor and Head, received a Chartered Engineer Certificate and has been authorized to use the style and title from institution of Engineers (India).



Dr. Rajakumar D G Participated in One-week Online training program organized by NITTTR Chennai on the topic “Communication Skills for Professionals and Entrepreneurs” from 08-11-2021 to 12-11-2021.

Faculty Publications :

Dr. C V. Srinivasa, Mr. Ashok R. Banagar, and Mr. Basavaraju B, Experimental and Finite Element Studies on Free Vibration of Areca Leaf Sheath Reinforced Polymer Composites, Mechanics of Advanced Composite Structures,10.22075/MACS.2021.21095.1288(Article in Press)

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Dept. of Studies in Management :



MBA Department boys actively participated in the Inter-Departmental College Cricket competition on 21-11-2021.



MBA Department in coordination with the college Placement Department organized a 4 days Pre-Placement Soft Skills Training Programme of **RUBICON Skill Development Pvt Ltd** from 24th to 27th November 2021.



The MBA Department started under its scope the HR, Marketing and Finance Club for the benefit of the students. Wherein the students would be taught the various skills required by the corporate and to make the students corporate ready on 17th November 2021.



The Department of Studies in Management organized a 3 days trip for the students of Batch 2018-20 and 2019-21 from 11th to 13th November 2021.

ISE - e :**Forum Inauguration :**

Exotic Forum's inauguration for the academic year 2021-22 was held on 11-11-2021 in the CS seminar hall. **Mr. Sushmeendra N Rao**, GMIT Alumnus, and Systems Engineer Mysuru were invited as Chief Guest. Faculty Forum Coordinator **Mrs. Nasreen Taj M B** spoke about the Forum. The Chief Guest addressed the students regarding developing appropriate skills and industry expectations. Forum Chairman **Dr. Sunil Kumar B S**, Professor and Head Department of ISE and Principal shared their experience and addressed students regarding the importance of forum and participation in activities. They motivated students to actively participate in all sports, cultural and technical activities which is very essential for all round development of students.

**Newsletter Release :**

Department Newsletter of the academic year 2020-21 even semester has been released on 11-11-2021 during Forum Inauguration.

**Session on Project Synopsis and Literature Survey :**

Dr. Sunil Kumar B S addressed students regarding Project Synopsis preparation and Literature Survey on 25-11-2021.

**Internal Academic Audit :**

The Course file Discrete Mathematical Structure [18CS36] and Storage Area Network subject[18CS754] Samples Course file was audited by the Mrs. Deepthi Palleda Assistant Professor Department of Biotechnology on 27/11/2021 at 10.45 am and the auditor suggested the following points.

**Placement Activity :**

The department of information science & engineering has conducted * orientation program on role of aptitude in placements & competitive exams * by sharthkumar for all 3rd&5th semester students as a part of placement training activity on 18th November, 2021. The event was coordinated by Mr. Amithshekhar.C. All the students were participated in this activity



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Dept. of Artificial Intelligence & Machine Learning :

Technical Talk "**GeoGebra - Visualization of Mathematics**" For 3rd Semester Students was conducted on 02nd November 2021. Resource Person: **Dr. Srikanth** Assistant Professor, Dept. of Mathematics. MS Ramaiah Institute of Technology, Bangalore. Technical Talk is conducted to inculcate active learning among the students. GeoGebra is an educational application that has an impact around the world, it is a transformative tool in mathematics because it allows learners to visualize and manipulate.



“**Know Your Machine**” before training it For the 3rd Semester Students event conducted by Mr. Sathyanarayana, Programmer, Dept. of IS & E on 10-11-2021.

Technical Talk is conducted to inculcate active learning among the students. GeoGebra is a educational application that has an impact around the world, it is a transformative tool in mathematics because it allows learners to visualize and manipulate.



Forum Activity “**Model Making**” For 3rd Semester Students on 17-11-2021. **Anusha & Team** got the first place in the event.

Discussion in forums facilitate asynchronous group discussion and group work, and can be used to encourage students to think critically and share their thoughts before or beyond live teaching.



Forum Inauguration :



Department Forum "**Altitude**" inaugurated on 20th November Chief Guest: **Mr. Dixit R Jain**, Software Engineer, Research and Development Department, Powerschool India Pvt. Ltd, Bangalore. Forum President: **Dr. Y Vijaya Kumar** Forum Chairman: **Keerthi Prasad G** Forum Coordinator: **Asha K & Kavya N C**.

The purpose of the Student Poster Presentation activity is to Encourage student attendance, Recognize excellence in student research and Improve the visibility of student research efforts.



Forum Activity “**Poster Presentation**” For 3rd Semester Students on 24-11-2021..

Mega Blood Donation Camp-2021 :

Blood Donation at the right time saves millions of life all over the world every day. It is the most important social service to humankind, by donating we can give others life support. Human Blood is an essential of human life no substitute. Voluntary Blood Donors are the cornerstone of a safe adequate supply of Blood and Blood Products.

The success of the Blood Donation camp depends on the people of the organizing committee, Officers, the Health care team, and also other team members involved in the volunteer Blood Donation came to organize effectively. In this view, every year GMIT NSS and NCC unit organized a Blood Donation Camp in the concern to the Punyasmarane of Late Sri G Mallikarjunappa and Smt G M Halamma.

On 27th November 2021, Saturday we organized Blood Donation Camp in collaboration with Lions Blood Centre, Davangere, and HDFC Bank, Davangere. Staff and Students from GMIT, GMS Academy donated 264 units of blood was collected. This Programme was inaugurated by Sri G M Lingaraju, Chairman, GMIT, **Dr. Y Vijay Kumar**, Principal, GMIT, **Sri Y U Subhash Chandra**, MR, HODs of all the department and NSS and NCC Volunteers were present in this event. This program was organized by Dr. Onkarappa H S, NSS Officer, and Dr. Santhosh B M, NCC Officer under the banner of National Service Scheme and National Cadet Crops.



Late Sri G Mallikarjunappa & Late Smt. G M Halamma Punya Smarane on 30th November 2021:



GMIT Women Cell Inauguration :

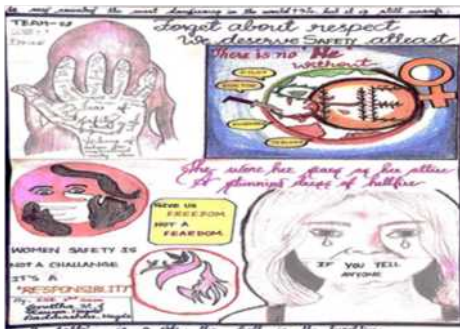
GMIT Women Cell has organized the GMIT Women Cell Inaugural event on 12th November 2021 at GMIT Davangere in Mechanical Seminar Hall, in the presence of **Dr. Y Vijaya Kumar**, Principal presided over the inauguration, Honorable Chief guest **Dr.H.Eramma** Professor and Dean (Student Affairs) UBBDTCE, Davangere and VTU Women cell member, **Dr.Latha B M**, Chairperson, GMIT Women Cell, **Prof. Manjula B K**, Chief Coordinator-CICC, Prof. **Venkata Sumana C H**, Chief Coordinator-WEC, members of GMIT Women cell Inaugurated the event.



Women cell organized “**The Poster Presentation activity**” as a part of the Inaugural event for all girl students of GMIT, Davangere which commenced on 29th October 2021 and the submission was on 11th November 2021 on the topic “**Rethinking the Challenges of Women Safety**” to exhibit their thoughts towards challenges of women safety.



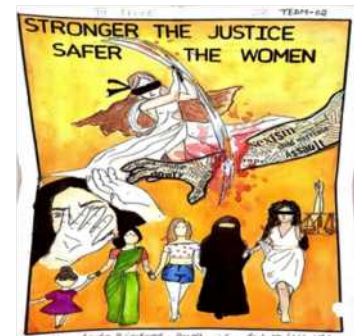
There were 41 participants, out of which 7 teams from ECE, 3 teams from ISE, 2 teams from BT, and 6 teams from CV presented their posters in the exhibition event. The Chief guest **Dr. H. Eramma** was the Judge for the event and the three best poster presentations were awarded the prize based on the set of rules and judgment criteria.



Name: Jeevitha M J
Kavya Hegde
Padmashree Hegde
Prize: **First**
Department: 3rd ISE



Name: Swathi R H,
Sonal D Katwe
Swathi N
Prize: **Second**
Department: 5th 'B'ECE



Name : Amulya T M
Amulya B Gaikwad
Deepika K S
Prize: **Third**
Department: 3rd 'A'ECE



Srishyla Educational Trust (R), Bheemasamudra - 577 520

GM INSTITUTE OF TECHNOLOGY

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