Srishyla Educational Trust (R) Bheemasamudra

GM INSTITUTE OF TECHNOLOGY, DAVANGERE

Department of Computer Science & Engineering

FALCON 2018-19

Chairman

Dr. Sanjay Pande M.B.

Forum Co-ordinators

Niranjan M.C.

Arun Kumar B.T.

General Secretary

Anupashree C.A.

Vice President

Nandish L.N.

Treasurer

Bhushan R. Naik

Forum Representatives

Poornima B.R.

Kiran Kumar G

Forum Representatives

Usha R.S.

Sachin M.R.

Nirmal A. Hegde

Shrijan M. Hiremath

Department contact

Department of Computer Science & Engineering

GM Institute of Technology

PB No. 4, P B Road, Davanagere 577004, Karnataka State, India

Ph: 08192-233377 / 233345 / 252 777 / 252 560, Extn:132, Fax: 08192-233344

Email: principal@gmit.ac.in **website:** http://gmit.ac.in

https://www.facebook.com/FalconGMIT

Falcon Times

Biannual Newsletter by

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

2018-19 (Odd sem)

Intake 60 | Total students 244 | Boys 75 | Girls 169 | SFR 1:17

Volume 4 | Issue 1 | Date release 29.03.2019

GMIT DAVANGERE

CET Code: E114

With blessings of

Late Sri G Mallikarjunappa
Hon'ble Member of Parliament
Founder President

HoD Desk

Each and every one of you will one day have to ascribe a meaning to your life. As Swami Vivekananda said, "Truth can be stated in a thousand different ways, yet each one can be true." Your education here, in this department and outside it, during your time here and long after you graduate, will help you find that truth. The true hallmark of that education would be one "by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet." So, seek out that education, discover that truth and remember to use it well.

Vision of the Department

To build excellent Technocrats in Computer Science and Engineering by continuously striving for excellence in IT industry to meet the challenges of society.

Mission of the Department

1. To train students by adopting effective teaching-learning approach.
2. To establish collaborative learning approach with Industry and Professional bodies.
3. To develop engineers with Professional-Social ethics and creative Research Culture.

Programme Educational Objectives

1. Graduates able to apply the knowledge of Basics Science and Core Computer science to analyze and solve real world problems.
2. Graduates possess professional skills needed for IT employment and pursue higher education in Computer Science and Engineering.
3. Graduates engage in life-long learning and adapt to changing Environment.
4. Graduates who can succeed as an individual or team leader in multi disciplinary avenues.

Principal Desk

Dr. P Prakash
Principal

I feel extremely happy to understand that computer Science & Engineering department of our Institution is bringing out its News letter Falcon Timelines. I understand that all the students have contributed for bringing out this magazine in an excellent format. the records like Academic achievements, sports achievements, extra curricular achievements of the students along with the career progress of the faculty or documented at regular intervals in the News letter. selected technical articles, research, authored by the students and faculty will impart a weightage to the News letter. I congratulate the editorial team and wish them Good luck in their future endeavors.

Editorial Board

Dr. Sanjay Pande M B, HoD, Department of CSE
Mr. Deepak D J, Assistant Professor, Department of CSE
Mr. Sandeep G S, Assistant Professor, Department of CSE

Graphics by: **Dr. Mouneshachari S**, Associate Professor, Dept. of CSE
Ms. Asha M Kathare, Instructor, Dept of CSE

Program Specific Outcomes :

Graduates of Computer science & engineering are able to :

1. Use new technology in solving professional problems.
2. Competent in problem solving techniques.
3. Use the creativity and software design knowledge in the development of Information & Technology.

Programme outcomes

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2.Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3.Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4.Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5.Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6.The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7.Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8.Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9.Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10.Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11.Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12.Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

****

About department

The department was started in the year 2001. The department is progressing dynamically in both academic and research areas. Currently the department offers a 4-year Under Graduate B.E degree in Computer Science and Engineering with an intake of 60 students, under the affiliation of Visveswaraya Technological University, Belgaum.

The objective is to educate, train and develop world class research and IT professionals with a mastery of not only hardware and software skills but also soft skills for professional success. The Department is well equipped with state-of-the-art laboratories in the areas of Computing, Systems Programming, File Systems, Computer Networking, Microprocessor and Electronic Circuits along with a department library.

The Department has CSE Forum called "Falcon" which provides a platform for students to showcase their talents in both technical and extracurricular activities. The Forum helps in all-round development of the students through various Technical and non-Technical activities conducted throughout the year. The faculties of the department are actively involved in research activities in various technical areas. The department is regularly conducting workshops for faculty and students.

Faculty Corner

Faculty List

Dr. SANJAY PANDE M B
B.E.,M.Tech., Ph.D, MBA (HR), (PhD)
Professor & Head

Mr. SANTOSH KUMAR M
B.E.,M.Tech.,M.I.S.T.E
, Asst. Professor
16 Years

Mr. MOUNESHACHARI S
B.E.,M.Tech.,M.I.S.T.E.
Asst. Professor
16 Years

Mr. KOTRESHI S.N.
B.E.,M.Tech., M.I.S.T.E.
Asst. Professor
12 Years

Mr. ARUN KUMAR B T
B.E., M.Tech., M.I.S.T.E.
Asst. Professor
11 Years

Mr. SANDEEP G S
B.E., M.Tech., M.I.S.T.E.
Asst. Professor
10 Years

Mr. NIRANJAN MURTHY C
B.E., M.Tech., M.I.S.T.E.
Asst. Professor
09 Years

Mr. SHIVANNA K
B.E., M.Tech., M.I.S.T.E.
Asst. Professor
10 Years

Mr. DEEPAK D J
B.E., M.Tech., M.I.S.T.E.
Asst. Professor
06 Years

Mr. MARUTHI S T
B.E., M.Tech.
Asst. Professor
03 Years

Mrs. Divya G C
B.E., M.Tech.
Asst. Professor
01 Year

Ms. Rachana N B
B.E., M.Tech.
Asst. Professor
01 Year

Mr. Thippeswamy G N
Diploma (CSE),(AMIE)
Instructor

Mr. Nagarajachar S.R.
Diploma (E.E),(AMIE)
Instructor

Mr. Veerabhadrappa
Diploma (CSE),
Instructor

Mr. Revanasiddappa
Diploma (CSE),
Instructor

Ms. Asha M Kathare
Diploma (CSE),
Instructor

Workshop attended by Faculties:

Topic: Recent trends in Data Base Management System.
Date: 28, 29, & 30 September 2018.
Venue: GMIT Davanagere.
Following Faculties are attended the above said workshop.
Mr. Niranjan Murthy C
Mr. Shivanna K
Mr. Sandeepa G S
Mr. Santosh Kumar M

Topic: Machine Learning and its implementation
Date: 4, 5, 6 July 2018.
Venue: GMIT Davanagere.
Following Faculties are attended the above said workshop.
Mr. Santosh Kumar M
Ms. Rachana N B
Mr. Aruna Kumar B T

Topic: Recent advances in Machine Learning
Date: 17, 18, 19, 20, 21 July 2018.
Venue: GSSSIETW Mysuru.
Attended By: Ms. Rachana N B

Topic: FDP on Student Induction program on AICTE New Delhi.
Date: 7, 8, 9 June 2018.
Venue: KLS GIT, Belagavi.
Attended By: Mr. Kotreshi S N

Research Paper published by Faculties:

Topic: Single Window Documentation - An ICT Approach in Accreditation process.
Date: 7th to 9th June 2018.
Venue: WOSA (World Summit on Accreditation), NBA, New Delhi, India.
Authors: Dr. Mouneshachari S
Dr. P. Prakash
Dr. Bakkappa
Dr. Raj Kumar

Topic: A Secure Message Integrity in Cloud Computing with Combined Cryptographic Approach.
Date: 21st November 2018.
Journal: International Journal of Pure and Applied Mathematics.
Authors: Mr. Shivanna K
Dr. Prabhudeva S

Topic: An efficient computing model to quantify human intelligence index using Egg Analysis.
Date: 2nd May 2018.
Journal: Shodhganga - a reservoir of Indian theses @ INFLIBNET
Authors: Dr. Sanjay Pande M B
Dr. Mouneshachari S

DELTA Events:

Event: Super Tech Minute

Event: PUB-G

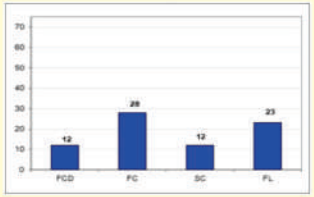
Event: Paper Presentation

Computer Center Inauguration:

Students' Corner

Result:

4th Semester - July 2018



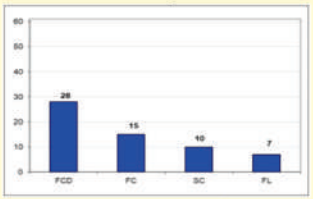
Overall Result :
52/75 = 69.3 %

Shwetha M M
1st Topper

Mamata B B
2nd Topper

Divya I
3rd Topper

6th Semester - July 2018



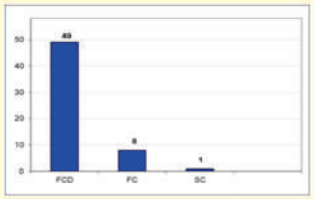
Overall Result :
45/55 = 81.8%

Ramya G R
1st Topper

Anusha P
2nd Topper

Anusha G V
3rd Topper

8th Semester - July 2018



Overall Result :
58/58=100%

Pallavi B K
1st Topper

Sahana B
2nd Topper

Rekha C
3rd Topper

Student Achievements:

- Uma S G and Anusha E M, students CSE has participated in Paper Presentation conducted by GMIT Davanagere (DELTA 2018).
- Bhoomika Bhat and Apoorva M R, students CSE has participated in Paper Presentation conducted by GMIT Davanagere (DELTA 2018).
- Akash M and Pooja Walishettar, students CSE has participated in Hunted Nightmares conducted by GMIT Davanagere (DELTA 2018).
- Pooja Walishettar and Nirmala Ananth Hegde, students CSE has participated in Paper Presentation conducted by GMIT Davanagere (DELTA 2018).
- Sneha A S and Sanchitha K P, students CSE has participated in Paper Presentation on IoT conducted by KLEIT Hubli on 28th August 2018.
- Sushma S D and Neha S, students CSE has participated in Paper Presentation on CC conducted by KLEIT Hubli on 28th August 2018.
- Shree Ganesha G T student of CSE has participated in Paper Presentation on Smart Cars conducted by GMIT Davanagere (DELTA 2018).

Workshop:

Three day workshop on "Recent Trends in DBMS and it's Applications"
28th, 29th, 30th Sept 2018

Resource Persons:

Mr. Niranjan M C
Assistant Professor, Dept CSE GMIT, Dvanagere

Mr. Santosh Kumar M
Assistant Professor, Dept CSE GMIT, Dvanagere

Mr. Kotreshi S N
Assistant Professor, Dept CSE GMIT, Dvanagere

Mr. Deepak D J
Assistant Professor, Dept CSE GMIT, Dvanagere

FALCON Inauguration:

Event : Cheftactics

Event: Let us C

Event: Fashion Masti

Graduation Day

Event: About Computer