



GM INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to V.T.U Belgavi , Recognized by Govt. of Karnataka ,
P.O. Box 4, PB Road, Davangere, Karnataka, India,
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DEPARTMENT OF BIOTECHNOLOGY

NEWS LETTER – 2017-18

ABOUT THE INSTITUTION:

To face the global challenges with the confidence that comes from knowledge, GM Institute of Technology at Davangere, started in the year 2001-02, is affiliated to VTU, Belgaum and recognized by AICTE, New Delhi. As Part of quality improvement and to ensure required technical academic standards, GMIT is accredited by National Assessment and Accreditation Council (NAAC). The institution offers UG courses in: Electronics and Communication Engg., Computer Science and Engg. Information Science Engg. Mechanical Engg. Biotechnology, Civil Engg. PG course Master of Business Administration (MBA).It has five recognized research centers in the department of E&C Engg., Mechanical Engg., Biotechnology, Information Science and Engg. Chemistry.

ABOUT THE DEPARTMENT:

Department of Biotechnology was started in the academic year 2002-03. The Department is emphasizing on imparting knowledge in various fields like Chemical Engineering, Bioprocess Engineering, Molecular Biology, Immunology, Microbiology, Highly qualified, experienced and dedicated staff members are being involved in teaching the students with in depth technical knowledge. Well-equipped and sophisticated laboratories are the center of attraction in the department. The lab provides a basic foundation for the project work. It is our privilege to mention that two of our M.Tech students have secured first rank with gold medal and second Rank respectively in the University Examinations of VTU.

Vision and Mission of the Department

Vision

To be a Centre of excellence with a blend of Life science and Technology to create professionally competent and socially responsible Biotechnology Engineers

Mission

- To provide quality education by creating appropriate teaching learning ambience
- To train and develop graduates in the field of Biotechnology through research to meet the societal proliferating demands
- Inculcate professional skills and ethics to produce responsible Biotechnology graduates

Program Educational Objectives (PEOs)

1. Graduates will possess necessary knowledge in the emerging areas of Biotechnology
2. Graduates are capable of working in the field of Health, Agriculture and Environment, considering the social implications.
3. Graduates having adequate skills to pursue higher education and research in relevant areas with professionalism



STUDENT INDUSTRIAL/ORGANIZATION INTERACTION PROGRAMME

REGIONAL AGRICULTURAL RESEARCH INSTITUTE PILLICODE –
671310, KERALA, on 4th NOVEMBER 2017

PLACEMENTS:

- 100 % of placement record in the outgoing batch 2017-18
- Students placed in ,VEE Technology, Omics International Pvt. Ltd, Navya Biologicals Pvt. Ltd

KSCST SPONSORED PROJECTS:

- “Production Of Biofuel And Biosorption Of Heavy Metals By Microalgae Using Industrial Waste Water”. Guided by Dr. H Gurumurthy
- “Evaluation Of Phytochemical Biochemical And Antioxidant Property From Ethanolic Extract Of Amaranthus Spinus. Guided by Dr. Moorthi

MoU's



TEACHING FACULTY

Dr. Gurumurthy H M.Sc., PGDBI., Ph.D	Professor & Head,
Dr. Moorthi S M.Sc., M.Phil., Ph.D	Associate. Professor
Dr. Gurumurthy D M M.Sc., Ph.D.,PDF	Assistant. Professor
Mrs. Keerthi S B.E., MBA.,	Assistant. Professor
Mr. Rakesh N R B.E., M.Tech.,	Assistant. Professor
Mrs. Deepthi Palleda M.Sc., M.Phil.	Assistant. Professor
Mr. Sachin C L B.E., M.Tech	Assistant. Professor

Faculty paper publications

Dr.H.Gurumurthy, Nayana B, Prashanath C.N, Crystal structure of synthetic THQ derivatives used to predict anti Malarial and anticancer properties, International Journal of Current Research in Life Sciences, Accepted for April-2017, ISSN(2319-9490)issue,

Dr.H.Gurumurthy H,Suman Banu, Rakesh N.R, Veeragangadhara Swamy ,Neurodegenerative Disease Database,World Journal of Medicinal Plant Research,Accepted for April-2017 Issue

Rakesh N R, **Gurumurthy H**, Ishwarya D. P., Preeti R. Bawali Anti-microbial Activity and FT-IR Analysis of Ethanol and Chloroform Extract from Musa paradisiaca, *Research & Reviews: A Journal of Biotechnology*. 2017; 7(3): 33–40p

Rakesh N. R., **Gurumurthy H.**, Chaitra K. J, Analysis of Gene Expression Data to Predict Genomic Interactions involved in Immune Responses Caused by Dengue Fever, *Research & Reviews: A Journal of Bioinformatics*. 2017; 4(1): 9–15p.

Rakesh N. R - Molecular Docking Study Of Tetrahydroquinoline Derivatives On Rv0216_A Hypothetical Protein Found In Mycobacterium Tuberculosis Int J Com Bio & Bioinfo, (2018); 1(1), 1 - 5.






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RESULTS

Month & Year	Sem	Students Appeared	Over All %
2017-18 ODD	3 rd	30	59
	5 th	17	100
	7 th	24	100
2017-18	4 th	31	83
	6 th	17	54
EVEN	8 th	24	95

TOPPERS

	Name of Student with USN	Sem	SGPA	
1 st Topper	Vedhashree N D 4GM16BT034	4 th	8.43	
	Mahadeva Prasad S 4GM15BT010	6 th	7.81	
	Vedhashree N D 4GM16BT034	3 rd	8	
	Mahadeva Prasad S 4GM15BT010	5 th	8.35	
	Shanthala K C 4GM14BT025	7 th	80.11	



Genelix -Forum Inauguration - Mr. Pramod Kumar Harvi, Manager, Production & QC, Green Agro Tech Park Pvt. Ltd, Hebbalu, Davangere, Delivered a Technical Talk on “Advanced Food processing, preservation and its techniques” On 23rd August 2017



Hospital Visit to Aaraike Multi Specialty Hospital, Davangere on 11th May 2018



Two Days Workshop on “Biomedical instruments: Processors for life” Mrs. Shreya B N. Assistant professor, Department of Biomedical engineering. BIET, Davangere and Mrs. Deepa Assistant professor, Department of E&C, BIET, Davangere, on 10th and 11th may 2018

A Technical Talk on “Community Medicine” by Dr. Rohith A , Assistant professor, Department of Community medicine, JJMC, Davangere, on 11th May 2018



Genelix -Forum Valedictory- Mr. Harish G R, Manager, United Insurance India Pvt LTD, Davangere, Delivered a Technical Talk on “Focus on Competitive Exams” on 18th May 2018



ACHIEVEMENTS OF STUDENTS:

- ❖ Sagar S Maleyur, Mahadeva Prasad of 3rd Year Secured 2nd prize in poster presentation in “BioCHESS 2018” A National level Symposium Dept. of Chemical Engg. Biotechnology , SIT Tumkuru. Held on 20th March 2018
- ❖ Sagar R Maleyur & Aishwarya Secured 3rd prize in oral presentation on “*Urban solid waste Management*” during Mallika’17. O
- ❖ Sagar S Maleyur, Mahadeva Prasad of 3rd Year Secured 2nd prize in poster presentation in “Chemxcel” A National level Symposium at Department of Chemical Engg., BIET, Davangere.