



# KLS GOGTE INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF MCA



APPROVED BY AICTE & UGC  
PERMANENTLY AFFILIATED AND AUTONOMOUS INSTITUTION UNDER  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

### ABOUT US

MCA (Master of Computer Applications) Full time , 2 years course

An advanced programme in Computer Application, this two year post graduate course focuses on both theoretical and practical aspects and applications of computer technology in enabling the students to be knowledgeable in programming, analytical ability, networking, computational techniques, operating systems, multimedia communication methods, simulation, modelling, artificial intelligence, Software Engineering, Software Testing etc. In today's intense dependence on computers in almost every area of technology application, this course will give the firm footing for the student to succeed in care. The curriculum has been specially planned to suit the information technology industries as well as business organizations.

### DEPARTMENT VISION

THE DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS SHALL STRIVE TO STAND OUT AS PAR EXCELLENCE IN GENERATING AND GROOMING, TECHNICALLY COMPETENT AND SKILLED INTELLECTUAL PROFESSIONALS TO MEET THE CHALLENGES OF THE MODERN COMPUTING INDUSTRY.

### DEPARTMENT MISSION

TO TRAIN THE GRADUATES TO BECOME IT PROFESSIONALS HAVING STRONG FUNDAMENTAL KNOWLEDGE IN THE FIELD OF COMPUTER APPLICATION WITH ETHICAL VALUES TO MEET INCREASING GLOBAL CHALLENGES OF EVER EVOLVING TECHNOLOGIES.



THINK BIG



# GOALS

- To develop a comprehensive world view in the students with respect for all forms of life and foster an environment where people work together and are motivated to succeed.
- To provide an environment, in which the students and the faculty are driven by the spirit of enquiry in their quest for knowledge.
- To inculcate the zeal for individual excellence and yet reinforce the importance of team work
- To Enhance logical, creative and analytical skills.

# MESSAGE FROM THE HOD



**Dr. Jayashri Madalgi**  
**ASSOCIATE PROFESSOR**  
**AND HOD**

Today's children are the first generation of the “digital age.” They are being raised in a society that is changing rapidly as a result of the influx of new computer-based technologies that provide more pervasive and faster worldwide links to commerce, communication, and culture.

The dramatic changes over the past decade have prompted the education system to prepare all students to use technology in ways that allows them to compete in the increasingly complex technological workplace.

Qualitative higher and technical education holds an edge in transforming human beings into human capital and human resource. Institutions of higher learning such KLS Gogte Institute of Technology, Department of MCA is committed to the task of reducing/bridging this gap.

To remain competitive in an increasingly interconnected world we ensure that the curriculum and laboratory facilities equip students for the jobs of tomorrow.

I, personally, take pleasure in inviting industries to take the opportunity of availing the best of the brains for individual as well corporate and, thereby, being a part of national development.

**With Best Wishes!**

# MESSAGE FROM THE DEPARTMENT PLACEMENT COORDINATOR



**Prof. ABHISHEK NAZARE**  
**MCA Dept. Placement**  
**Coordinator**

I consider it to be an honor and opportunity to present to you a group of young, dynamic individuals who have been groomed to face challenges that lie ahead for them in the industry and corporate world as a whole. This is an era of technological innovations. The modern educational world is reverberating with waves of innovation all around the world. In this dynamic milieu, it is mandatory that the young minds of our country be nurtured and encouraged to be placed at the highest pinnacle of success.

The present batch of our young budding post graduates are working hard to be a part of a dynamic industry. The intensive training and the encouraging learning environment of our institute has made them proficient in the basic as well as specialized fields of relevance. The various value added courses being imparted at the Institute have given adequate exposure to our students. Apart from core technical skills, our students are competent in soft skills too

In coordination with the core Placement team of our institute, My gratitude is due to our regular recruiters who have shown consistent faith in the institute's value system. Also, with great warmth, I graciously welcome our new recruiters who have joined us this season and look forward to an everlasting symbiotic relationship with them. The story of a successful placement season is incomplete without due acknowledgement of the laudable and unwavering support of the distinguished alumni of the institute.

**With Best Wishes!**

# INDUSTRY MOU'S

Department of Master of Computer Applications, has signed an MoU with:

Express Analytics, NeeyamoWorks, ADIS, Rachana Infotech, Happlabs, Fortune InfoServe, Portqui

The companies offers Internships and Projects to the MCA students.

Placement Offers are also extended to deserving students. Provides assistance in designing syllabus for subjects related to recent trends in market among others



# INTERNSHIP AT A GLANCE

In the last two years,

Number of Students who have completed Internships: 250

Number of Companies that have offered Internships: 55

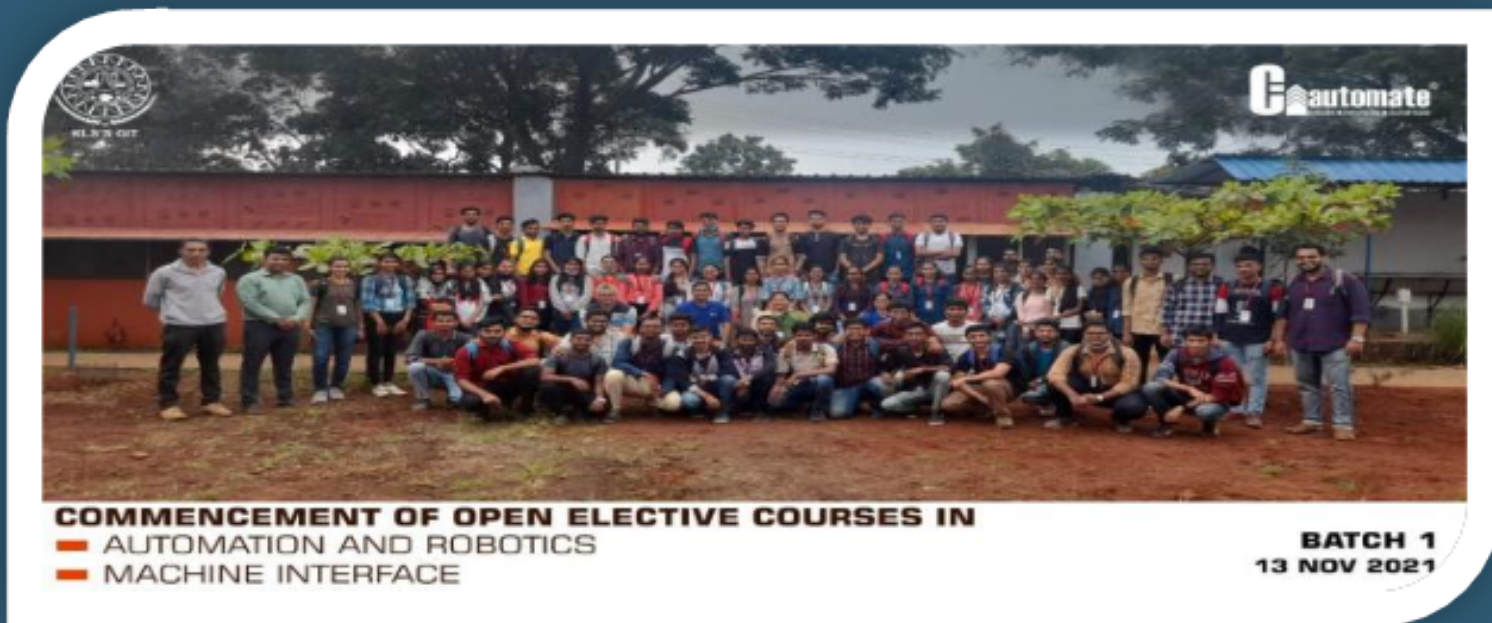
## **FEW COMPANIES THAT PROVIDED INTERNSHIPS:**

Cognizant Technological Solutions, REDBUS, APRA Labs, Intellipaath, NeeyamoWorks, TechTree IT solutions, ADIS, Portqui, Zeel Code Lab, Infinity Software Research and Development, Sankey Business Solutions, Techknomatic services pvt.Ltd, INFICLOUD PVT LTD, Express Analytics, Omega Soft Tech pvt ltd, CodeVilla PVT LTD, Kaavay Enterprises Private Limited, ActiveMatrix Technologies Pvt. Ltd, Shriram Solutions, Cubiccode digital Media LLP, Advanced Technologies for Smarter and Secured Life(ATSSL), TattvaLabs Pvt ltd, Sismatic Solutions Pvt LTD, Techmahindra PVT LTD, Evon IT Solutions, Tribbianis Software solutions(AI Adventures), Pioneer Info world.



# LIVE INTER-DISCIPLINE INDUSTRIAL PROJECTS:

MCA students have completed live projects “Machine Interface Design” at Creintors Automation Solutions Pvt. Ltd. Belagavi and Gokul FerroCast Pvt Ltd, Belagavi which are hardware-based industries. Industry Partnered courses by Creintors Automation Solutions Pvt. Ltd and Repute Business for MCA students with the scope of industrial perspective.



# DEDICATED BIGDATA LABORATORY:



## **BIGDATA LABORATORY @MCA DEPARTMENT**

Objectives of the BigData Laboratory:

- To design a Bigdata experiments with broader vision of data science.
- To encourage students for learning advanced software skills on Bigdata concepts like Hadoop, HIVE, Pig and Data visualization using Tableau.
- To compose a laboratory with Bigdata software's with open and closed source for the upliftment of students and staff.
- To emphasize multiple frameworks for Bigdata technologies.
- This lab can also be utilized for Machine learning applications, Data analysis using R and Data Science platforms.



# EVENTS AND CONTESTS

Department include various orientation programs for Programming Skills in C, C++, Java, Python. During the last semester.

- “Startup Boot Camp” of 3 Days (24 Hours) Certification Programme was conducted by Mr. Vishnu Nagaraj, for the final year students of MCA.
- “Explore IT from the Cloud” a 03 Days Workshop (24 Hours) was conducted by Mr. Sanket Deshpande, SMTS, Salesforce and Mrs. Amruta Deshpande, CE, Microsoft for the MCA students and Faculty. 2 Days workshop on “Big Data Technologies” was conducted by expert Dr. Shaila K for the students.
- The MCA department organizes the annual event QUESTERS which offers the right platform to the students to showcase their creative skill sets



# PROJECTS

Mini & Major Project in Final year:

- Mini-Projects will help students to explore the recent IT trends in market and build an application using tools and technologies which are in demand.
- Major-Projects: Innovative projects completed recently by our MCA students include Futuristic Humanoid Robot - Past, Present & Future, TMS - Tool Operation, Tool Management System - Inside operations, Automations in material flow -Stacker control.

# Skillset Acquired by Students @GITMCA:

**C# (.NET)**

**Machine  
Learning**

**Web  
Development**

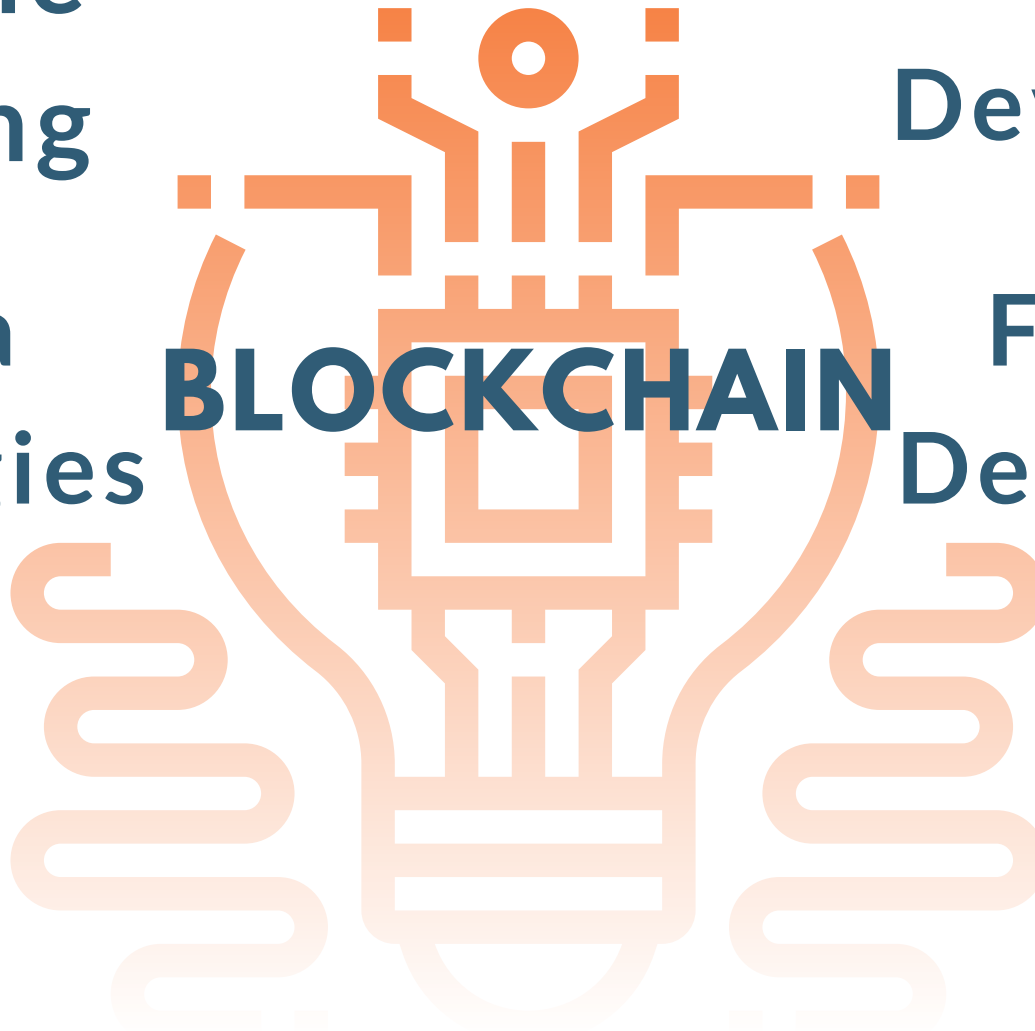
**BigData  
Technologies**

**BLOCKCHAIN**

**Full Stack  
Development**

**J2EE**

**Cyber  
Security**





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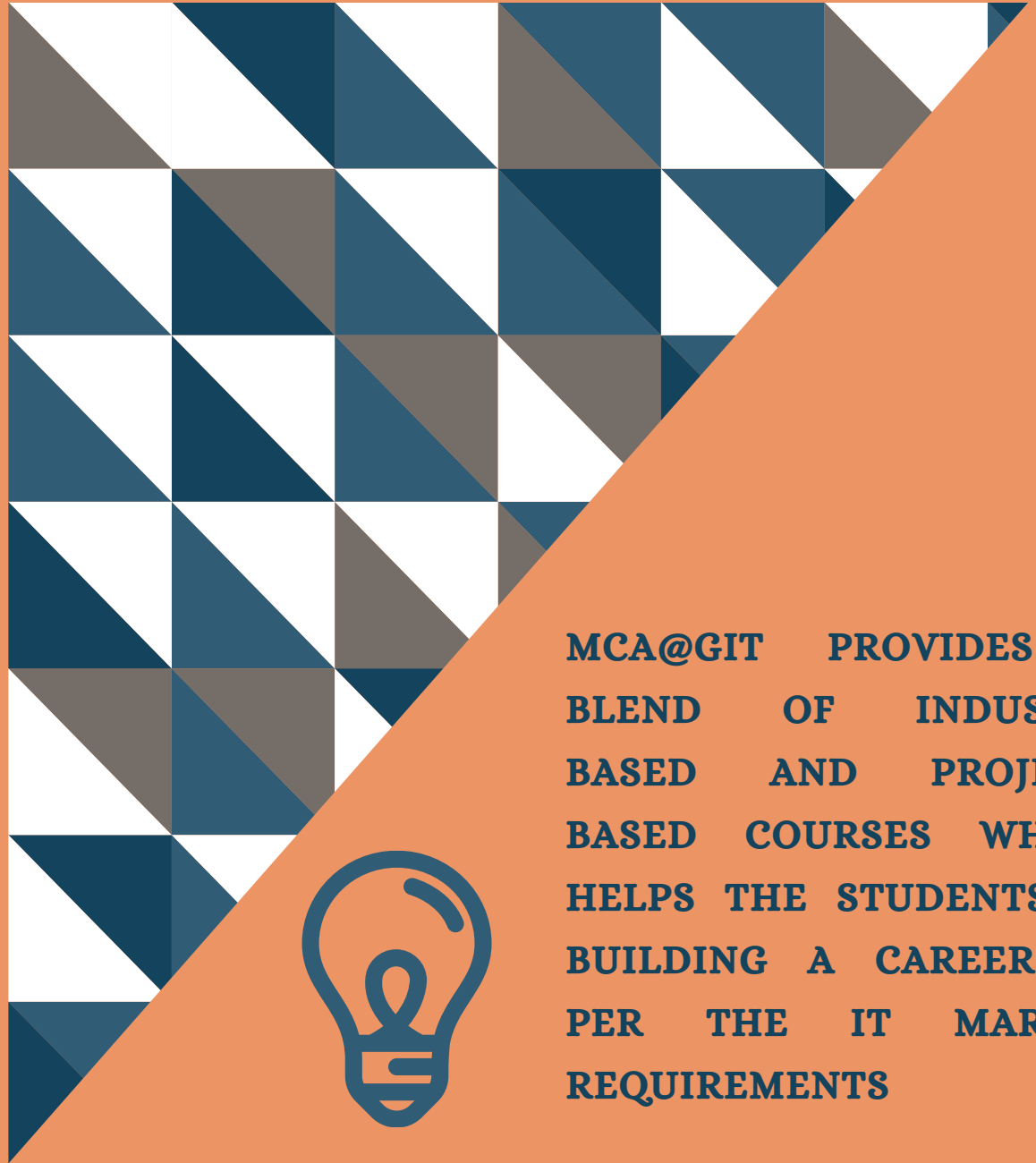
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**MCA@GIT PROVIDES A  
BLEND OF INDUSTRY  
BASED AND PROJECT-  
BASED COURSES WHICH  
HELPS THE STUDENTS IN  
BUILDING A CAREER AS  
PER THE IT MARKET  
REQUIREMENTS**

**THINK BIG**