[Estd. 1989]
ISO 9001:2008 & 14001:2004

GICTS

GROUP OF INSTITUTIONS

GITS GICTS GITM GICT

Approved by AICTE & DOEACC Govt. of India
Affiliated to Jiwaji University Gwalior RGPV & MCRPV

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APPROVALS & AFFILIATIONS

AICTE
(All India Council for Technical Education) New Delhi

NCTE
(National Council for Teachers Education) New Delhi

Ministry of Higher Education & Directorate Technical Education,
Govt. of Madhya Pradesh

Jiwaji University, Gwalior
Estd. & Run by Govt. of M.P.
NAAC Accredited
★★★★ Star

Rajiv Gandhi Prodhyogiki Vishwavidyalaya, Bhopal
(State Technical University)
Estd. & Run by Govt. of M.P.

Makhanlal Chaturvedi National University of Journalism & Communication, Bhopal
Estd. & Run by Govt. of M.P.

DOEACC
(Department of Electronics Accreditation of Comp. Courses), Govt. of India, New Delhi

UGC
(University Grants Commission)
Govt. of India, New Delhi

Certification No. ISO-P10114

Certificate of Registration

This is to certify that the Environmental Management System of

GICTS Group of Institution
Mahadji Nagar, Shivpuri Link Road, Ghirwai, Lashkar, Gwalior, India

Has been assessed Successfully by SMR and Conforms with the following standard:

ISO 14001:2004

Scope of Registration

Environmental Management System for Graduate and Post Graduate Management Courses

Valid : 18 Mar. 2008 ~ 17 Mar. 2011

18th March 2008

Registration Certificate

This is to certify that the Management Systems of

GICT College of Professional Education

have been assessed by
International Certifications Ltd
and found to comply with the requirements of

ISO 9001:2008

Managing Director   Certificate Number

CONTENTS...

GICTS Chairman being awarded
'Captain of Industry'
for his contribution to the cause of
Education in the entire state region.
Award handed over by
Mr. Shivraj Singh Chouhan
Chief Minister of Madhya Pradesh

Mr. Shivraj Singh Chouhan
Chief Minister
Government of Madhya Pradesh, Bhopal

I am delighted to note that GICTS Group of Institutions, Gwalior is bringing out a prospectus giving details of guidelines and academic progress.

The advancement of Computer Science has brought about a revolutionary change in the process of learning and knowledge transfer. Information creates a passage to knowledge that leads to wisdom inspiring the students to serve humanity.

I appreciate that the GICTS Group of Institutions has been discharging its duties for creating a knowledge society. The State Government is striving to improve quality of higher education.

I hope the Group will continue to play its pivotal role for the academic growth of students.

Regards.

(Shivraj Singh Chouhan)

श्री लक्ष्मीकांत शर्मा
मंत्री
तकनीकी शिक्षा प्रशिक्षण एवं कौशल विकास, उच्च शिक्षा, संस्कृति, जनसम्पर्क, धार्मिक न्यास और धर्मस्व
मध्यप्रदेश

प्रसन्नता का विषय है कि देवी अहिल्याबाई घाटगे उच्च शिक्षा समिति, ग्वालियर द्वारा संचालित जी. आई.सी.टी.एस. ग्रुप के महाविद्यालय द्वारा 2012-13 सत्र के लिए विवरणिका एवं मार्गदर्शिका का प्रकाशन किया जा रहा है।

प्रदेश में इंजीनियरिंग और अन्य व्यावसायिक पाठ्यक्रमों की शिक्षा का अनुकूल वातावरण बना है। इसमें निजी शिक्षण संस्थाओं की महत्वपूर्ण भूमिका रही है। शिक्षण संस्थाओं को गुणवत्तापूर्ण शिक्षा के प्रति विशेष रूप से सजग रहना चाहिये, ताकि प्रतिस्पर्धा के इस युग में संस्था से शिक्षा प्राप्त विद्यार्थियों को बेहतर रोजगार के अवसर मिल सकें। आशा है संस्था द्वारा इस दिशा में सार्थक प्रयास किये जायेंगे।

मार्गदर्शिका के लिए मेरी हार्दिक शुभकामनाएँ।

(लक्ष्मीकांत शर्मा)

महेन्द्र हार्डिया
राज्यमंत्री
लोक स्वास्थ्य एवं परिवार कल्याण, चिकित्सा शिक्षा, आयुष, तकनीकी शिक्षा एवं कौशल विकास
मध्यप्रदेश

यह जानकर अत्यंत प्रसन्नता हुई कि देवी अहिल्याबाई घाटगे उच्च शिक्षा समिति, ग्वालियर द्वारा संचालित जी.आई.सी.टी.एस. महाविद्यालय, ग्वालियर की वार्षिक विवरणिका एवं मार्गदर्शिका का प्रकाशन करने जा रहा है जिसमें महाविद्यालय की उपलब्धियों का प्रकाशन किया जायेगा।

महाविद्यालय द्वारा प्रकाशित की जा रही पत्रिका में निश्चित ही छात्र, छात्राओं हेतु उपयोगी जानकारी का समावेश होगा, जिससे वे लाभान्वित हो सकेंगे। साथ ही पत्रिका के माध्यम से महाविद्यालय के छात्र-छात्राओं को अपनी लेखन-प्रतिभा को उजागर करने का अवसर प्राप्त होगा।

आशा है कि पत्रिका जिस पावन ध्येय को लेकर प्रकाशित हो रही है, उसका लाभ विद्यार्थी वर्ग को अवश्य मिलेगा।

पत्रिका के सफल प्रकाशन की शुभकामनाओं सहित,

(महेन्द्र हार्डिया)

प्रो. पीयूष त्रिवेदी

कुलपति
राजीव गांधी प्रौद्योगिकी
विश्वविद्यालय, भोपाल

मुझे यह जानकर अत्यंत प्रसन्नता हुई कि ग्वालियर इन्स्टीट्यूट ऑफ कम्प्यूटर टेक्नोलॉजी एण्ड साइंस ग्वालियर नवीन सत्र 2012-13 हेतु मार्गदर्शिका एवं विवरणिका का प्रकाशन करने जा रहा है।

मैं आशा करता हूँ कि संस्था द्वारा प्रकाशित मार्गदर्शिका एवं विवरणिका छात्रों को समुचित मार्गदर्शन एवं नवीन सत्र हेतु आवश्यक जानकारी प्रदान करने में सहायक होगी एवं मार्गदर्शिका के माध्यम से संस्था अपनी उपलब्धियों एवं कार्यप्रणाली को रेखांकित करने में सफल होगी।

मैं मार्गदर्शिका के सफल प्रकाशन के लिए आपके महाविद्यालय के प्रबंधन एवं शिक्षकगण आदि को हार्दिक शुभकामनाऐं देता हूँ एवं आशा करता हूँ कि संस्था शैक्षणिक उत्कृष्टता एवं छात्रों के सर्वांगीण विकास की दिशा में निरंतर प्रयत्नशील रहेगी।

(प्रो. पीयूष त्रिवेदी)
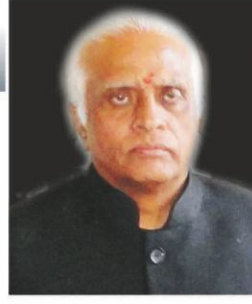
प्रो. बृज किशोर कुठियाला

कुलपति
माखनलाल चतुर्वेदी राष्ट्रीय
पत्रकारिता एवं संचार
विश्वविद्यालय, भोपाल

GICTS Group of Institutions, Gwalior द्वारा सत्र 2012-13 हेतु नवीन मार्गदर्शिका एवं विवरणिका का प्रकाशन किया जा रहा है। विवरणिका विद्यार्थियों के लिए उपयोगी एवं मार्गदर्शक सिद्ध होगी, ऐसी आशा है।

विवरणिका किसी भी संस्था के बारे में जानकारी प्रदान करने वाला महत्वपूर्ण दस्तावेज होता है और इसमें समावेशित सारगर्भित जानकारी संस्था के प्रति विद्यार्थियों का रूझान बढ़ाने में महत्वपूर्ण होती है। विश्वास है कि जी. आई.सी.टी.एस. समूह उच्च शिक्षा के क्षेत्र में अग्रणी भूमिका का निर्वाह करते हुए निरन्तर प्रगति के पथ पर अग्रसर रहेगा।

जी.आई.सी.टी.एस. समूह की सफलता की शुभकामनाओं के साथ,

(प्रो. बृज किशोर कुठियाला)

प्रो. आनन्द मिश्रा

कुलसचिव
जीवाजी विश्वविद्यालय,
ग्वालियर

यह जानकर मुझे अत्यन्त प्रसन्नता हो रही है कि जी.आई.सी.टी.एस. ग्रुप ऑफ इंस्टीट्यूशन सत्र 2012-13 हेतु नवीन मार्गदर्शिका एवं विवरणिका का प्रकाशन करने जा रहा है। इस प्रतिस्पर्धात्मक युग में प्रत्येक छात्र-छात्रा का यह प्रयास रहता है कि ऐसा मार्ग चुना जाये जो उनके भविष्य को उज्जवल बनाने के साथ-साथ रोजगारोन्मुखी हो। अतः ऐसे समय में छात्रों को उचित राह दिखाने के लिए जी.आई.सी.टी.एस. महाविद्यालय का यह सराहनीय प्रयास है। मैं आशा करता हूँ कि आपका महाविद्यालय संस्कार प्रदान करने वाली शिक्षा प्रदान कर छात्रों का प्रगति पथ प्रशस्त करें। आपके द्वारा प्रकाशित मार्गदर्शिका एवं विवरणिका से छात्र-छात्राऐं महाविद्यालय की विद्या सम्बन्धी विशिष्टता से अवगत होकर प्रवेश सम्बन्धी जानकारी प्राप्त कर सर्केंगे।

मार्गदर्शिका एवं विवरणिका के सफल प्रकाशन हेतु हार्दिक शुभकामनायें।

(प्रो. आनन्द मिश्रा)
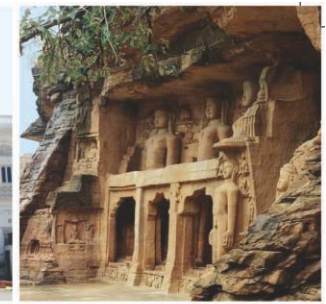
about GWALIOR

Gwalior is a city in Madhya Pradesh, India, lying 122 kilometres (76 mi) south of Agra, and 423 kilometres (263 mi) north of Bhopal, the state capital.Gwalior occupies a strategic location in the Gird region of India, and the city and its fortress have served as the center of several of historic northern Indian kingdoms. Gwalior is the administrative headquarter of Gwalior district and division.

It takes only 3 to 4 hours' train journey from New Delhi. Gwalior is widely recognized by the work place of Rajmata Scindia, Atal Bihari Bajpai and beloved Madhavrao Scindia. This is the city where Sachin Tendulkar made the unique "World Record" of making 200 runs in one day international at Captain Roop singh Stadium.

The city has several important educational institutions including the Indian Institute of Information Technology and Management, Indian Institute of Travel and Tourism Management, Scindia School, and Laxmibai National Institute of Physical Education.
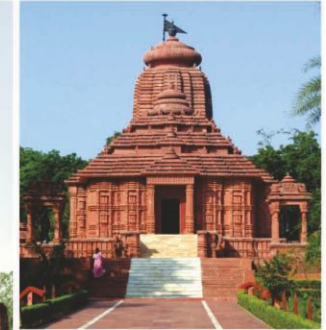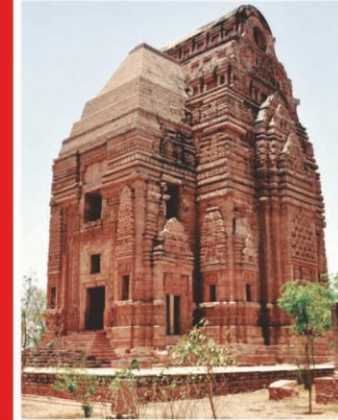
How to Reach Gwalior

By Air : The Gwalior Airport is situated at 8 km from the main city. It is connected by Indian Airlines to important cities like Mumbai, Indore, Bhopal & Delhi.

By Rail : The Gwalior railhead is situated within the city area. It is on the main Delhi-Mumbai and Delhi-Chennai rail route. Among the important trains, the Taj and Shatabdi Express link Gwalior with Delhi and Agra.

By Road : Gwalior is well linked by a good network of roadways and road transport to all the important towns of Madhya Pradesh and adjacent areas. It is well linked with Agra (118 km), Delhi (321 km), Jaipur (350 km), Bhopal (423 km), Lucknow (353 km), Chanderi (239 km), Khajuraho (275 km), Jhansi (101 km), Indore (486 km), Ujjain (455 km), Shivpuri (114 km) and Etawah (111 km).

About the
INSTITUTION

Gwalior's 1st Educational House of
International Standards
GICTS City Campus
34-35 Laxmibai Colony, Padav, Gwalior
Excellent facilities, Marvelous
Infrastructure, Advanced technologies
under one roof.

Founded in 1st Jan. 1989 by Mr. Uday Ghatge, GICTS Group of Institutions (under the aegis of Devi Ahilya Bai Ghatge Uchcha Shiksha Samiti Gwalior) is internationally recognized for its leadership in quality education and is highly regarded for its renowned faculty and their research productivity. The GICTS Group of Institutions which includes GITS (For Engineering & Management) and GICTS (For Computer Science, Life Science & Management) has received many tributes in recent years due significant to its outstanding faculty, top-notch students, and the personal attention provided. GITM (For Computer Science & Management) our new B- School of Management is known for its exceptional progress to form great corporate leaders.

The classroom environment is interactive and dynamic. Students pool resources, complement each other's backgrounds, and form supportive, close relationships. Faculty use team projects to amalgamate different courses and to bring work experiences into the classroom. GICTS Group of Institutions also has a world-class Advisory Board and a broad alumni base who are devoted to help the group of institutions continue its momentum through the 21st century.

GICTS Group of Institutions is accredited, affiliated, authorized and certified by various agencies such as AICTE, NCTE, DOEACC, UGC, Jiwaji University, MCNUJC University and Rajiv Gandhi Technical University. The details can be found on the portals of the concerned agencies.

As a student at GICTS Group of Institutions, you can easily find a happy balance between study, fun and excitement. The Institute has a rich history of many decades and today offers some of the best tertiary teaching facilities in the world. Learning in a first-class research-led environment means your courses will incorporate the latest relevant research and findings.

In this prospectus, you will find information on GICTS' teaching and research strengths, its varied networks and its lively, cosmopolitan campuses, which offer so much of life and learning. GICTS Group of Institutions is very fortunate to have outstanding faculty, students and facilities. Our challenge for the future is to build on this strong base to establish ourselves firmly among the world's leading institutions.

from the
CHAIRMAN'S DESK

● **Uday Ghatge**
Chairman
Devi Ahilya Bai Ghatge Uchcha
Shiksha Samiti, Gwalior

It gives me great pleasure to reach you through this Prospectus. The year 2011 has been another remarkable year of outstanding achievements and fulfillment for GICTS Group of Institutions. We have passed several notable milestones and have consistently improved on many fronts that have a bearing on achieving academic excellence. To embark on a journey of success one needs the tools of preparedness, foresight and strategy. Gearing up for the future, we have the key factors necessary to withstand the winds of change. The success and eminence of GICTS which began as the dream of one man has extended to be transformed into the dreams of many.

Today, the GICTS Group of Institutions has grown into the largest group of Educational Institutions in Central India. Indeed a remarkable improvement in our status. In regard to placement of students we are the best in the region.

We strive to accomplish our dreams and goals to bring greater effulgence in the future.

On this New Session let us resolve to work together with greater enthusiasm and unity to build a better world.

May this academic year and all the years to come, bring you more happiness, peace and prosperity.

Uday Ghatge
Chairman

Directors & Principals...

Prof. R.C.Shrivastava
Director
GITS Gwalior

Dr. **S.K. Jain**
Principal
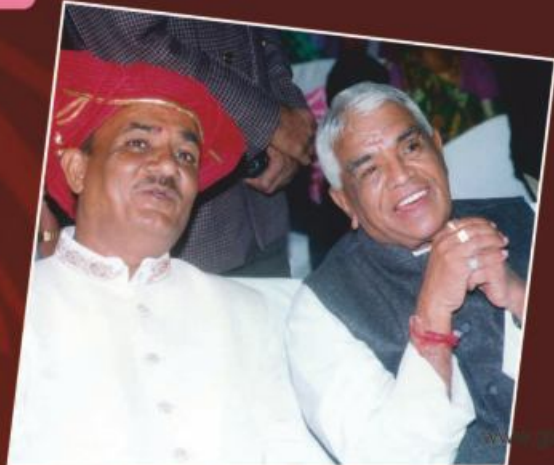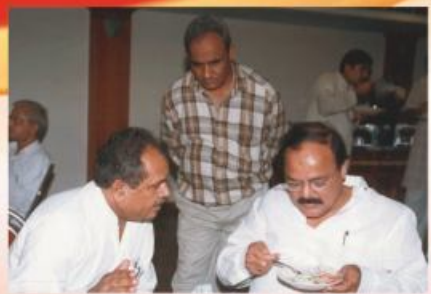GICTS Gwalior

Dr. **Mukesh Sharma**
Principal
GITS Gwalior

Prof. **Ajay Sharma**
Director (Academics)
GICTS Gwalior

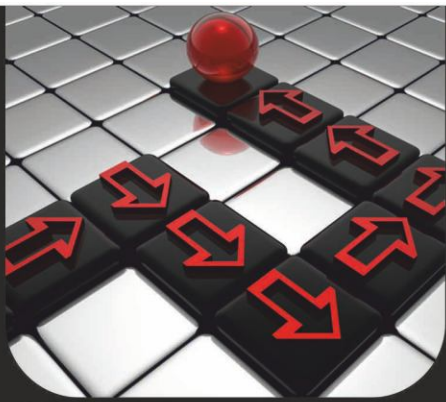Prof. **Praveen Wakde**
Director (Recruitment)
GICTS Gwalior

Prof. **Syed Abbas**
Director (Training, Placement
& PRO), GICTS Gwalior

AVAILABLE COURSES AT A GLANCE

PROGRAMME	DURATION	SEATS	ELIGIBILITY	MODE OF SELECTION
BE (CS/IT/EC/ME/CE/EE)	4 years (Eight semester)	CS-60, IT-60 EC-60, ME-120 CE-60, EE-60	10+2 with PCM group	10% Mgmt. Quota on Spot. Through counselling conducted by DTE, Bhopal on the basis of MPPET/10+2 marks (Through Online off campus process)
ME • Embedded Sys. & VLSI Design • Computer Science & Engg.	2 years 2 years	18 18	GATE qualified or BE/B.Tech. in appropriate branch of Engg./Tech.	As per the merit based on the GATE score and interview marks. (Non-GATE candidates may also apply)
MCA • Software Developer • System Administrator • System Planner Designer • Network Administrator	3 years (Six semester)	60	Graduation in any discipline with Maths in 12th.	10% Mgmt. Quota on Spot. Through counselling conducted by Directorate of Technical Education (DTE), Bhopal on the basis of Pre-MCA./UG marks (Through Online off campus Process)
M.Sc. (Comp. Sc.) Lateral Entry Direct Admn. in 3rd Sem.	1 year (2 Semesters)	30	PGDCA from any recognized university	On merit basis
BCA	3 years (Six Semester)	480	10+2 in any stream	On merit basis
BCA	3 years (Six Semester)	350	10+2 in any stream	On merit basis
PGDCA	1 year (2 semesters)	180	Graduation in any stream	On merit basis
DCA	1 year (2 semesters)	150	10 + 2 in any stream	On merit basis
'O' & 'A' Level	1 year	–	10 + 2 or Graduation	On merit basis
CHM-O Level	1 year	60	10 + 2 (Science) or ITI	On merit basis
CHM-A Level	1 year	60	CHM-O Level or BE (2nd year)	On merit basis
Hardware Maintenance Course of DOEACC is now National Institute of Electronics and Information Technology				
MBA • Marketing • Finance • Human Resource • International Business	2 years (Four Semester)	180	Graduation in any discipline with a minimum of 50% marks in aggregate	10% Mgmt. Quota on Spot. Through counselling conducted by Directorate of Technical Education (DTE), Bhopal on the basis of MP-MET/UG Marks (Through Online off campus Process)
BBA	3 years (Six Semester)	480	10+2 in any stream	On merit basis
B.Com. with / without Computer App.	3 years (Six Semester)	180	10+2 in any stream	On merit basis
M.Sc. • Biotechnology • Microbiology	2 years (Four Semester)	60	B.Sc. Biology/Biotech/Microbio./Biochem. with a min. of 50% marks in aggregate candidate with the agriculture background not eligible	On merit basis
B.Sc. • Biotechnology • Microbiology • Biochemistry	3 years (Six Semester)	180	10 + 2 with PCB with a min. of 50% marks aggregate (45% for SC/ST/OBC) Chemistry as a compulsory subject	On merit basis
B.Sc. • Nursing	4 years	60	10 + 2 with PCBE	On merit basis
GNM	3 years	50	10 + 2 (PCB) with min 40% marks	On merit basis Mgmt. quota as per Govt. norms

About the
FACULTY

Blend of young and seasoned, dynamic, caring, and highly qualified faculty members are the real asset of GICTS Group of Institutions. No matter what role they play on campus, the common goal of all our faculty and staff members is to help students in the endeavor to attain the goal of destined success. All the faculty and staff members are persistently ready to help students. They make sure that the students have access to the tools and services that will make their learning effective and easier.

College management and its faculty members share the responsibility of creating and maintaining a supportive, healthy and happy learning environment for all the students. Characteristics of any institute is reflected in the attitude and behavior of its faculty members. Faculty members at GICTS are encouraged to employ active and collaborative learning-teaching techniques, as a result students feel more supported. Faculty members involve students in activities that would lead students to better academic standards and professional skills.

Only Success, Nothing Else...

Dr. Mukesh Singh Tomar
Professor
Management

Dr. Shipra Kulshrestha
Professor
Mathematics

Manish Khule
HOD (Deptt. of IT)
it@gicts.org

Prashant Shinde
HOD (Deptt. of CSE)
cs@gicts.org

P. K. Jain
HOD (Deptt. of Comp. App.)
(MCRPV) cs@gicts.org

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(JIWAJI) cs@gicts.org

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Yogesh Attray
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Manoj Singh Tomar
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Anshul Jain
HOD (Deptt. of EEE)
ee@gicts.org

Rahul Sharma
HOD (Deptt. of Civil)
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Dr. Bishakha Mandal
Professor
English Literature

Dr. Harisharan Goswami
Professor
Botany

Dr. Jitendra Singh
Professor
Mathematics

Dr. Amit Kankoriya
Professor
Chemistry

Manish Werman
Asstt. Professor
Hardware & Networking

Preksha Naik
Asstt. Professor
English Literature

Deepti Shukla
Asstt. Professor
Computer Science

Dr. Sita Agrawal
Professor
Zoology

Mahendra Mourya
Asstt. Professor
Mechanical Engineering

Himanshu Bhargava
Asstt. Professor
Mechanical Engineering

Dr. Ghanshyam Kushwah
Professor
Mathematics

Kiran Chauhan
Asstt. Professor
Computer Applications

Vinay Bajpai
Asstt. Professor
Mathematics

Shipra Agrawal
Asstt. Professor
Management

Sharad Gupta
Asstt. Professor
Management

Ashish Sharma
Asstt. Professor
Management

Prachi Sharma
Asstt. Professor
Computer Science Engg.

Dushyant Jain
Asstt. Professor
Civil Engineering

Hashim Mansoori
Asstt. Professor
Computer Applications

Manoj Singh Kushwah
Asstt. Professor
Computer Applications

Neha Sharma
Asstt. Professor
Management

Shilpi Saxena
Asstt. Professor
Management

Amit Shrivastava
Asstt. Professor
Mechanical Engineering

Raju Bhadoriya
Asstt. Professor
Computer Science Engg.

Danveer Bhadoriya
Asstt. Professor
Civil Engineering

Surjeet Singh
Asstt. Professor
Computer Applications

Preeti Jain
Asstt. Professor
Computer Applications

Ambudi Bhosle
Asstt. Professor
Management

Richa Gupta
Asstt. Professor
Computer Science

Shobhit Mishra
Asstt. Professor
Mechanical Engineering

Richa Agarwal
Asstt. Professor
Computer Science Engg.

Neeraj Jindal
Asstt. Professor
Electrical Engineering

Juned Ali
Asstt. Professor
Computer Applications

Divya Jain
Asstt. Professor
Mathematics

Archana Gupta
Asstt. Professor
Microbiology

Mansi Awasthi
Asstt. Professor
Computer Science

Abhishek Agarwal
Asstt. Professor
Computer Science Engg.

Shivani Sharma
Asstt. Professor
Management

Pooja Shrivastava
Asstt. Professor
Physics

Mahima Tare
Asstt. Professor
Mathematics

Deepika Agrawal
Asstt. Professor
Computer Applications

Manish Deo
Asstt. Professor
Computer Application

Sangeeta Sharma
Asstt. Professor
Botany

Abhishek Trivedi
Asstt. Professor
Electronics & Communication

Arvind Sharma
Asstt. Professor
Computer Applications

Sonam Rawat
Asstt. Professor
Electronics & Communication

Nusrat Hussain
Asstt. Professor
Computer Applications

Ravi Gupta
Asstt. Professor
Electronics & Communication

Upendra Jaga
Asstt. Professor
Electronics & Communication

Priya Varshney
Asstt. Professor
Electronics & Communication

Abhishek Kumar
Asstt. Professor
Electronics & Communication

S. P. S. Chauhan
Asstt. Professor
Mechanical Engineering

Shweta Samnani
Asstt. Professor
Computer Science Engg.

Nidhi Sharma
Asstt. Professor
Computer Applications

Renu Yadav
Asstt. Professor
Electrical Engineering

Sneha Devsthali
Asstt. Professor
Electronics & Communication

Nikhil Chawla
Asstt. Professor
Electronics & Communication

Neeraj Sharma
Asstt. Professor
Mechanical Engineering

Irfan Khan
Asstt. Professor
Mechanical Engineering

Shikhar Shrivastava
Asstt. Professor
Management

About the | CLASSROOMS

"Tell me and I forget. Show me and I remember. Involve me and I understand"

Education is truly a constant experience that offers many benefits. It can work to improve your work life and social life, and can offer you great personal delight and a sense of purpose. At GICTS, the knowledge is processed using inspiration, visionary ambitions, motivation, creativity, risk and ability to bounce back from failures.

There are spacious, air cooled, well lit and sound proof class rooms to facilitate quality teaching/ learning. They are well equipped with modern facilities like LCD projectors, PCs with internet connections and audio- visual interface.

The class rooms are designed in such a way that in summer, the hot, humid air is kept outside, thereby reducing the impact of the sun in the class rooms and lecture halls. During winter window blinds are removed to allow pleasant sun-rays to enter the lecture halls. The class rooms and lecture halls are equipped with state of the art furniture to facilitate comfortable learning.

Video lectures from NPETL (National Programme on Technology Enhanced Learning) funded by Ministry of HRD Govt. of India

The College
LIBRARY

A library is the only place where you can examine a fragile thought without breaking it, or explore an explosive idea without fearing it will go off in your face. It is one of the few havens remaining where a man's mind can get both provocation and privacy.

Our massive libraries in terms of infrastructure and possessions aim to enrich the learning experience and to encourage exploration and discovery for study, research and enjoyment. The basic objective of our libraries are to promote excellence based on our distinctive and internationally-recognized collections ,encourage and support enquiry, research, study and enjoyment through innovation, collaboration and leadership. Apart from the central library, the college provides dedicated subject libraries to encourage focused and targeted learning and research.

E-book Collections: At GICTS we have around 30,000 authoritative, copyrighted books and maps in full text. The titles cover many different subject areas, from Engineering, Management, Computer Science & Applications and Life Sciences to Education, Fine Arts and History. There are extensive collections in Language and Literature, Philosophy, Psychology and Religion, Social Sciences and History.

The content is derived from a wide variety of top scholarly and professional publishers recognized as leaders in specific fields of study.
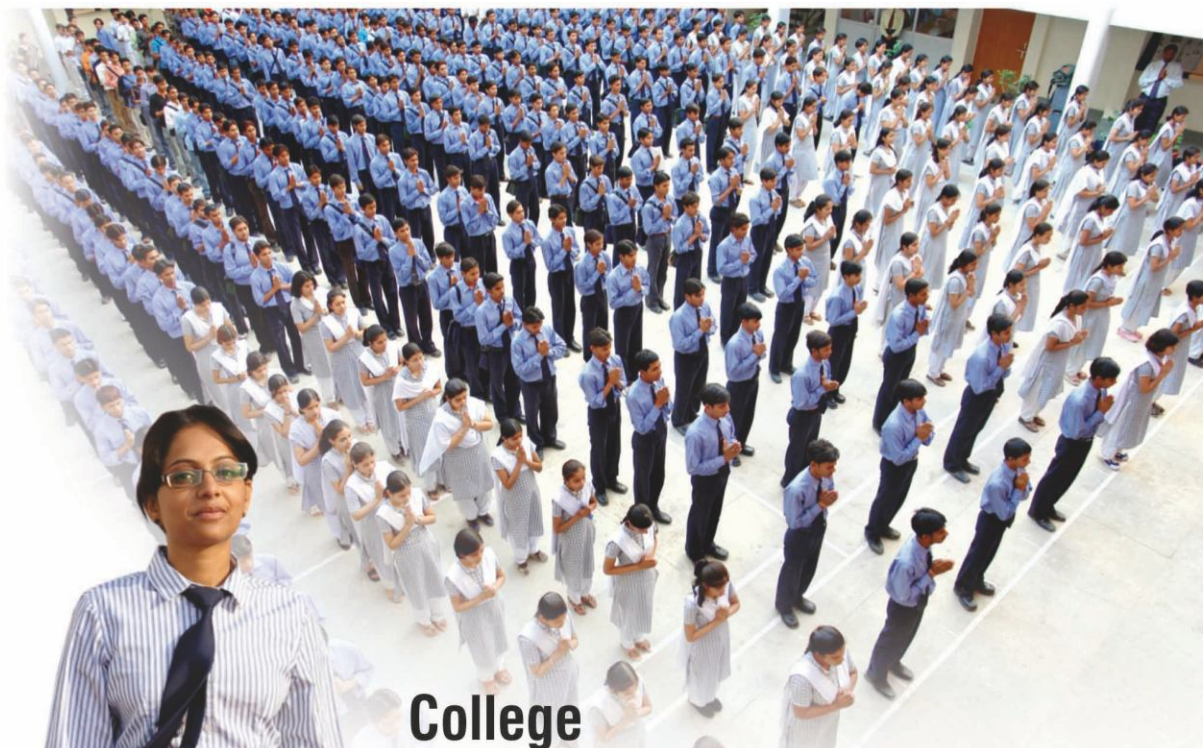
College
UNIFORM

GICTS believes that uniform forms an integral part of the personality because it provides a sense of belonging commonness and oneness, which other-wise gets very difficult to achieve. Uniform brings every one to the same platform, no matter how rich or poor he or she is and thus inculcating a feeling of equality amongst those wearing the uniform. Students wearing uniform are more caring for their fellow students; they care not only for their growth but the growth of their peers as well. Eat to please yourself, but dress to please others.

At GICTS, RAGGING IS TREATED A CRIME: we take all steps to see that 'a no nonsense' atmosphere is maintained in the campus.

College
TRANSPORTATION

- Relaxed, inexpensive and effortless facility for transportation.
- Girls' Special Buses.
- Fleet of about 50 buses catering to the need of transporting students to and fro the college.
- Coordination with Railways and various Airlines for concession journeys of educational and industrial tours and visits in vacation to home towns.

Please note : The college is situated within the city limits: however the policy of providing transportation is aimed at providing safe, economical and comfortable transportation for students and faculty.

College HOSTEL

GICTS Group of Institutions provides separate hostels for boys and girls. The hostels are particularly appealing to the students with no-frills, inexpensive accommodations and a congenial communal atmosphere.

We provide large, air cooled and well ventilated rooms.

Optional facilities of fridge, telephone or computer can be provided on a 'first come first' basis.

Pure, clean and hygienic water and food are provided. Hostels are located at the heart of the city. Hostel Charges will be Rs. 3000/= (Rupees Three Thousand Only) for Lodging & Fooding.

Please note: Hostel facility is optional. Private accommodation and Tiffin centers are available on reasonable tariff throughout the city.

Admission PROCEDURE

1) **Online submission of form :**
   i)   Log on to www.gicts.org or www.gits.org.in or www.gitm.org
   ii) Fill-up the application form and click submit.
   iii) For confirming admission **online** deposit Rs. 10,000/- for U.G. course & Rs. 15,000/- for P.G. courses in any of the account as mentioned below and inform the account officer on **09425709817**.
   iv) The details of banks and account numbers for the convenient transfer of fee from your home town :
        The State Bank of India Account No. **10124051020** or
        The Union Bank of India Account No. **517001010017013** or
        The Central Bank of India Account No. **1326053693**
        Keep the bank submission slip safe and exchange it with the original receipt of college on the arrival at campus.
        Form charges will be waved-off for candidates confirming on-line admission.
   v)   Report within 15 to 30 days or as instructed along-with attested copy of mark-sheets and relevant documents (Original documents are to be produced on demand of concerned University).

2) **Obtain admission form from the college counter :**
   i)   Obtains admission form on a Cash/Demand Draft payment of Rs. 300/-.
   ii) Fill up the application form.
   iii) Attach following documents and submit it along-with the 1st installment of fee.
        -   5 passport sized colored photographs
        -   Attested copies of mark-sheets of X and XII/Graduation (3 each)
        -   Original copy of T.C. (not applicable for applicant of diploma courses)
        -   Migration is to be submitted within 45 days from the time of admission. (if applicable)
   iv) Report to the college on the date instructed by the admission authorities.

3) **Submission of form off-line :**
   i)   Log on to the website (as mentioned above)
   ii) Take-out hard copy of the form.
   iii) Follow the instructions as mentioned in point 2(iii).
   iv) Send it across to the address as mentioned below in point 4(v)

4) **Admission through the form centre / Central Bank of India branches :**
   i)   Obtain Admission form from your nearest form centre or Central Bank of India branches [Contact account officer for list of branches, contact no. as in 1(iii)].
   ii) Fill-up the admission form completely.
   iii) Mention the name of course applied on the envelop.
   iv) Follow the instructions as mentioned in point 2(iii).
   v)   Send it by speed post/courier to the following address :

> **The Admission Officer**
> **GICTS Group of Institutions**
> **City Campus : 34-35 Laxmibai Colony, Padav**
> **Gwalior (M.P.) India Pin - 474002**

Department of
COMPUTER APPLICATIONS

- Approved by AICTE & DOEACC Govt. of India
- Affiliated to Jiwaji University Gwalior
  (Run & Established by Govt. of M. P.) 4 Star NAAC Accredited.
- Rajiv Gandhi Prodhyogiki Vishwavidhyalaya
  (State Technical University) & MCRPV Bhopal

Our Computer Applications Degree Program is designed to meet the growing need for individuals with strong computer skills. The degree enables students to learn how to effectively use the computer for daily business operations. Special attention is often given to 'hands-on' experience using popular software applications.

●Some of the courses required in a Computer Applications degree program are associated with the everyday operations of computers. Here is a brief listing:

- Keyboarding
- Microsoft Applications
  (Outlook, PowerPoint, Excel, etc.)
- Business Computer Use
- Hardware Fundamentals
- Information Processing
- Programming Fundamentals

Because we live in an age of high technology, computer skills will always be valued in the workplace. This degree can give you the skills needed to secure employment in a high tech field.

Computer SYLLABUS
Computer Laboratories

As the global economy changes the way people live their daily lives, also changes the importance of computer education its growth. Students not only need to learn how to use computers, but they also need to keep improving their skills to ensure that they stay up-to-date with changes. Technology is changing the number and kinds of jobs available, so having an understanding of computers can open long-term career opportunities in a rapidly growing field.

GICTS is one of the premier institutions for computer application and IT. The unparalleled educational experience available at our college prepares the students to be industry and academic leaders.

GICTS provides well equipped labs with 1500 networked computer systems, 100 Toshiba Satellite Laptops, 800 P-IV & 300 P-IV Dual Core Desktops.

MCA
Master of Computer Applications
Elig. : Graduation (Maths at 10+2 level)

Semester - 1
MCA-101 Informatio Technology
MCA-102 Mathematical Foundation of Computer Science
MCA-103 Prog. & Problem Solving in C
MCA-104 Computer Organization and Assembly Language Programming
MCA-105 Communication Skills
MCA-106 Programming Laboratory in C
MCA-107 Assembly Lang. Programming Lab.

Semester - 2
MCA-201 Operating System
MCA-202 Data base Management System
MCA-203 Data structure
MCA-204 Computer Oriented Numerical & Statistical Methods
MCA-205 Accounting & Mgmt. Control
MCA-206 Programming Laboratory in RDBMS
MCA-207 Data Structure Prog. Lab.

Semester - 3
MCA-301 Computer Oriented Optimization Techniques
MCA-302 Software Engg. Methodologies
MCA-303 Object Oriented Methodology & C++
MCA-304 Theory of Computation
MCA-305 Computer Networks
MCA-306 Programming laboratory and two tool from VB, VC++, D2K etc.
MCA-307 Practical Lab. in C++

Semester - 4
MCA-401 Artificial Intelligence & Applications
MCA-402 Mobile Communication
MCA-403 Computer Graphics & Multimedia
MCA-404 Design & Analysis of Algorithms
MCA-405 Elective - 1
MCA-406 Minor Project I (Based on Client Server Technology)
MCA-407 Computer Graphic Lab.

Semester - 5
MCA-501 Data Warehousing and Mining
MCA-502 UNIX & Shell Programming
MCA-503 Internet & Its Applications
MCA-504 Elective II (E-II)
MCA-505 Elective III (E-III)
MCA-506 Minor Project II

Semester - 6
MCA 601 Project Work of 4 to 5 Months Duration

BCA (JIWAJI)
Bachelor of Computer App.
Elig. : 10 + 2 (Maths) Dur. : 3 yrs. (6 Sem.)

Semester - 1
Code	Paper
BCA 101	Computer Fundamentals
BCA 102	Programming in 'C'
BCA 103	Digital Principals
BCA 104	Communication Skills-I
BCA 105	Mathematics I (Discrete Mathematics)
BCA 106	Software Laboratory in DOS & Windows

Semester - 2
BCA 201 Mathematics II (Calculas)
BCA 202 Data Base Management Systems
BCA 203 Data Structure
BCA 204 Application Software Packages
BCA 205 Environmental Awareness
BCA 206 Software Laboratory in Foxpro

Semester - 3
BCA 301 Mathematics III (Advanced Calculas)
BCA 302 Operating System
BCA 303 Visual Basic
BCA 304 Communication Skills-II
BCA 305 Accounting & Financial Management
BCA 306 Software Laboratory in Visual Basic

Semester - 4
BCA 401 Computer Architecture
BCA 402 Object Oriented Programming
BCA 403 System Analysis & Design
BCA 404 Introduction to Internet Technologies
BCA 405 Mathematics IV (Differential Equations)
BCA 406 Software Laboratory in C++

Semester - 5
BCA 501 Computer Graphics
BCA 502 Introduction to Linux
BCA 503 Software Engineering
BCA 504 Mathematics V (Statistical Methods)
BCA 505 Active Server Pages
BCA 506 Software Laboratory in ASP

Semester - 6
BCA 601 Mathematics VI (Numerical Methods)
BCA 602 ORACLE 8
BCA 603 Computer Networking
BCA 604 eCommerce
BCA 605 JAVA Programming
BCA 606 Software Laboratory in JAVA

M.Sc. Computer Science
Master of Science in Comp. Sc.
Elig. : B.Sc. (Maths/Stats/CS/Elex.) Dur. : 2 yrs. (4 Sem.)

Semester - 1
Code	Paper
101	Computer Architecture
102	Fundamentals of Computer Programming
103	Discrete Mathematics
104	Computational Linear Algebra
105	Data Structure and Its Application

Semester - 2
201 Comp. Oriented Num & Stat. Meth.
202 Algorithm Design
203 Object Oriented Programming
204 Computer Networks
205 DBMS (Oracle Based)

Semester - 3
301 Theory of Computation
302 System Programming
303 Modeling & Simulation
304 Techniques of Operation Research
305 Optional (Any One)
     (i) Neural Networks, (ii) Software Engineering

Semester - 4
401 Optional (Any Of the Following)
     (i) Parallel Processing, (ii) Computer Graphics, (iii) Image Processing, (iv) Artificial Intelligence, (v) Computer Modeling & Big System, (vi) Fuzzy Sys. & Natural Network
     vii) Internet & Java Programming
402 Project and Education Tour

M.Sc. Computer Science
Direct Admn. in 3rd Sem. (LE)
Eligibility : PGDCA from any recognised university

Semester 3
3MSC1 Computer Networks
3MSC2 Programming with ASP.NET
3MSC3 Computer Architecture
3MSC4 Database Management System
3MSC5 Elective - I (Choose any one)
       (i) Artificial Intelligence, (ii) Compiler Design, (iii) Discrete Mathematics
3MSC7 Computer Lab (ASP.NET)
1MSC3 Operating System

Semester 4
4MSC1 Programming with JAVA
4MSC2 Linux & Server Administration
4MSC3 Elective - II (Choose any one)
       (i) Data Warehousing & Mining, (ii) Computer Graphics, (iii) Num. Analysis
4MSC5 Computer Lab - I (JAVA)
4MSC6 Computer Lab - III (LINUX)
2MSC1 Data Structures & Algorithms using C

Department of
COMPUTER APPLICATIONS

We at GICTS are committed to groom IT Professionals

The computer application degree program is designed to equip students to manage information technology in order to maintain the smooth functioning and to improve the productivity of organizations. We provide special training to our students for becoming IT professionals with the clear understanding of creating IT platforms for entire network of business operations.

While preparing quality professionals, corporate expectations are taken into considerations. Regular placement training programs hones the management and business problems solving skills for different industries. We shall enable you to better understanding of IT solutions and implementation for the concerned organization.

Graduates from this program can expect careers in various industries as Software Application Developers, System analysts, Consultants and Instructors. Students are trained on the utility of computer and its impacts on the overall performance of organizations. They also learn to propose, design develop and implement different IT enabled solutions in order to improve the business operations.

With computer application degree one can advance its career as IT Manager for business, System Analysts, designers, programmers, website designer, application developer, network administrator, IT documentation specialist, database administrator, IT consultant, Instructors etc.

Special measures are taken into consideration in order to enhance and maintain the employability of passing & passed out students. GICTS has made arrangements for special
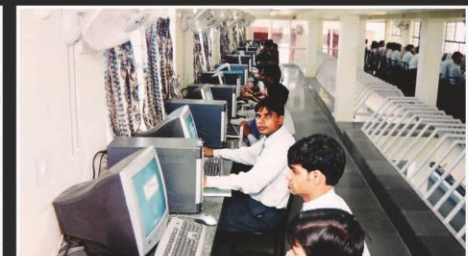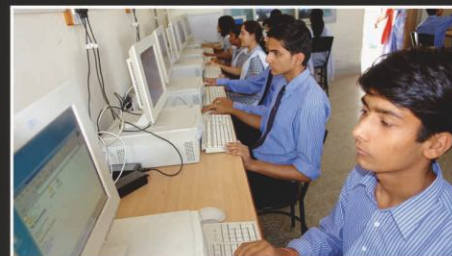
Computer SYLLABUS

classes for hardware training programs. Students are exposed to the concept of networking and hardware, thus resulting in the added knowledge along with the degree programs.

The name 'GICTS' goes parallel with the thought of computers, owing to intelligent tutors, our award-winning students and consistent development of new methods and technologies used for imparting quality education.

GICTS provides over 6000 square feet of lab equipped with 1500 networked computer system available for students to work & experience the environment similar to real working conditions. The department has several specialized labs and the most eminent among them is our language lab teaching the minute techniques on accent and construction of an advanced English language.

GICTS, the computer learning hub you will find satisfactory beyond your expectation.

BCA (MCRPV)
Bachelor of Computer Applications
Elig. : 10 + 2 (Any Sub.) Dur. : 3 yrs. (6 Sem.)

Semester - 1
- 1BCA1 Fundamentals of Computers & Info. Tech.
- 1BCA2 Programming Methodology and C Programming
- 1BCA3 PC Packages (Word, Excel & Power Point)
- 1BCA4 Social Science - I
- 1BCA5 Communicative English - I

Semester - 2
- 2BCA1 Digital Electronics
- 2BCA2 Database Management System
- 2BCA3 Advanced Programming in C
- 2BCA4 Desk Top Publishing & Designing
- 2BCA5 Communicative Hindi

Semester - 3
- 3BCA1 Data Structures
- 3BCA2 Advance DBMS with Oracle
- 3BCA3 Object Oriented Programming With C++
- 3BCA4 Elementary Mathematics
- 3BCA5 Communicative English - II

Semester - 4
- 4BCA1 Computer Networks
- 4BCA2 System Analysis & Design
- 4BCA3 Programming with Visual Basic.NET
- 4BCA4 Internet Programming
- 4BCA5 Elective - I
  - (A) Computerized A/C
  - (B) Multimedia

Semester - 5
- 5BCA1 Operating System
- 5BCA2 Asp.NET & C#
- 5BCA3 Programming with Java
- 5BCA4 Science of Communication
- 5BCA5 Social Science - II

Semester - 6
- 6BCA1 Web Development
- 6BCA2 Linux & Shell Programming
- 6BCA3 Elective - II
  - (A) Principles of Management
  - (B) Advance Mathematics
  - (C) E-Commerce
- 6BCA4 Project Work

B.Sc. Computer Science
Bachelor of Science in Comp. Sc.
Elig. : 10 + 2 (Maths) Dur. : 3 yrs. (6 Sem.)

Semester - 1
- 1BSC1 Fundamentals of Computer & Info. Tech.
- 1BSC2 Programming Methodologies Using 'C'
- 1BSC3 Operating Systems
- 1BSC4 Basic Electronics - I
- 1BSC5 Fund. of Maths – I (Adv. Calculus and Matrices)
- 1BSC6 Practical 1 : OS & PC Packages
- 1BSC7 Practical 2 : C Programming

Semester - 2
- 2BSC1 Data Base Management Systems
- 2BSC2 Data Structures and Advanced C Programming
- 2BSC3 Basic Electronics & Instrumentation – II
- 2BSC4 Fund. of Maths – II (Discrete Mathematics)
- 2BSC5 Communicative English – I
- 2BSC6 Practical 1 : Access + Data Structures
- 2BSC7 Practical 2 : Digital Lab

Semester - 3
- 3BSC1 Object Oriented Programming in C++
- 3BSC2 Computer Networks & Internet
- 3BSC3 Digital Computer Organization
- 3BSC4 Fundamentals Of Mathematics – III (Counting Principles , Probability And Statistics)
- 3BSC5 Communicative English – II
- 3BSC6 Practical 1 : C++ & BSC7 - Practical 2 : Networking & Internet

Semester - 4
- 4BSC1 System Analysis & Design
- 4BSC2 GUI Programming in Visual Basic
- 4BSC3 Computer Architecture & Microprocessors
- 4BSC4 Fund. Of Maths – IV (Numerical Methods)
- 4BSC5 Communicative English – III
- 4BSC6 Practical 1 : Visual Basic
- 4BSC7 Practical 2 : Microprocessor Lab
- 4BSC8 Minor Project

Semester - 5
- 5BSC1 Java Programming
- 5BSC2 Hardware Maintenance
- 5BSC3 Data Communication
- 5BSC4 Fund. of Maths – V (Optimization & Graph Theory)
- 5BSC5 Mathematical Analysis
- 5BSC6 Practical 1 : Java
- 5BSC7 Practical 2 : Hardware Maintenance

Semester - 6
- 6BSC1 Major Project
- 6BSC2 Internal Assessment

PGDCA
Post Graduate Dip. in Comp. App.
Elig. : Graduate (Any Sub.) Dur. : 1 yr. (2 Sem.)

Semester - 1
- 1PGDCA1 Fundamentals of Comp. & Info. Tech.
- 1PGDCA2 Introduction to Operating Systems (Dos, Windows, Linux)
- 1PGDCA3 PC Packages
- 1PGDCA4 Elective 1
  - (A) Foxpro
  - (B) MS-Access

Semester - 2
- 2PGDCA1 System Analysis & Design
- 2PGDCA2 Programming with Visual Basic.NET
- 2PGDCA3 Internet & E-commerce
- 2PGDCA4 Elective - 2
  - (A) OOPs & Programming With C++
  - (B) Financial Accounting With Tally
- 2PGDCA5 Project Work

DCA
Diploma in Computer Applications
Elig. : 10 + 2 (Any Sub.) Dur. : 1 yr. (2 Sem.)

Semester - 1

Code	Paper
1DCA1	Fundamentals of Computers
1DCA2	PC-Packages (Windows, MS-Word, MS-Excel, MS-Powerpoint)
1DCA3	Elective - I
	(A) Foxpro
	(B) MS Access

Semester - 2

Code	Paper
2DCA1	IT Trends & Technologies
2DCA2	Internet & Web Page Designing
2DCA3	Elective - II
	(A) Corel Draw
	(B) Desk Top Publishing (Page Maker, Photoshop)

Department of
MANAGEMENT

- Approved by AICTE Govt. of India
- Affiliated to Jiwaji University Gwalior
  (Run & Established by Govt. of M. P.) 4 Star NAAC Accredited

Its our mission to provide excellence in Management Education by adding specialized training programs for our degree certification.

From the moment you step your foot in GICTS campus you will feel immediately at home. Our size means there are numerous opportunities for involvement in and out of the classroom. You will have opportunities to lead, gain useful experience through internship and connect with our alumni.

GICTS' (Deptt. of Management) curriculum is designed to prepare you for a business world that is fast-paced and globalized. It is based on the essential values and principles of business which reflects current marketplace trends.

An MBA that makes a difference...............

An MBA from GICTS is highly regarded and respected by CEOs, presidents, and organizational leaders for their innovativeness and practical application. We emphasize for excellence in teaching. The MBA faculties are committed and experienced possessing both academic and practical knowledge.
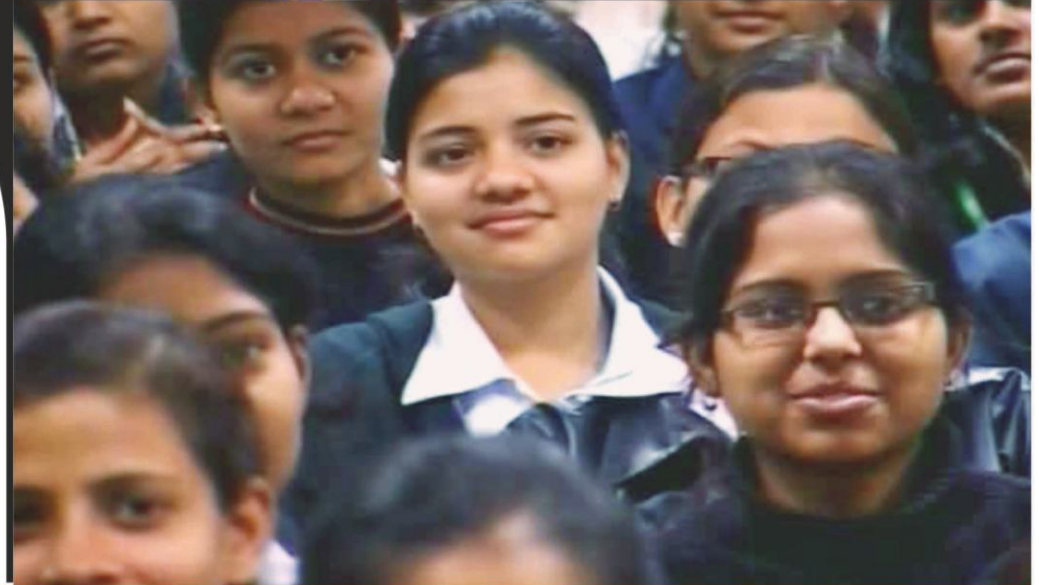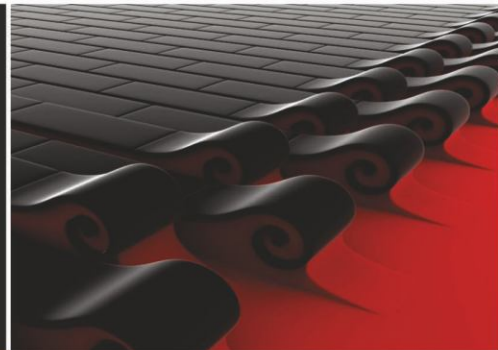
Management
SYLLABUS

- First college in the region to unleash tech trends in management education.
- Latest management concepts constantly incorporated in existing curriculum.
- Regular projects & practical exposure on the chosen subjects.
- Special cell to develop entrepreneur skills and corporate governance.
- Lucrative placements fetched through constant effort of efficient HR team.
- Regular industrial visits in order to introduce students to the prevailing business culture & environment.
- Personalized guidance on the current trends related to chosen specialization.
- Regular institute - industry interaction.

MBA
Master of Business Administration
Elig. : As per AICTE Dur. : 2 years (4 Sem.)

Semester - 1
MBA-101	Management Process
MBA-102	Quantitative Techniques
MBA-103	Managerial Economics
MBA-104	Business Environment
MBA-105	Accounting for Managers
MBA-106	Computer Application for Business
MBA-107	Business Communication
MBA-108	Comprehensive Viva-Voce

Semester - 2
MBA-201	Organizational Behaviour
MBA-202	Research Methodology
MBA-203	Marketing Management
MBA-204	Financial Management
MBA-205	Human Resource Management
MBA-206	Production & Operations Management
MBA-207	Business Legislation
MBA-208	Comprehensive Viva-Voce

Semester - 3
MBA-301	Management Science
MBA-302	Total Quality Management

Optional - Specialization areas :
Optional (Select 1 out of 3)
(A) Marketing Management : 303 - Consumer Behaviour, 304 - Advertising Mgmt., 305 - International Marketing
(B) Financial Management : 303-Security Analysis & Portfolio Mgmt., 304-Indian Financial System, 305-International Financial Mgmt.
(C) Human Resource Management : 303 - Mgmt. of Industrial Relations, 304 - Legal Framwork Governing Human Relations, 305 - Human Resource & Organizational Development

MBA-306	Summer Training Project Report

Semester - 4
MBA-401	Strategic Management
MBA-402	Management Information Systems

Optional - Specialization areas :
Optional (Select 1 out of 3)
(A) Marketing Management : 403 - Rural & Agricultural Marketing, 404 - Strategic Marketing, 405 - Marketing of Services
(B) Financial Management : 403 - Strategic Financial Management, 404 - Project Management, 405 - Corporate Tax Planning
(C) Human Resource Management : 403-Strategic Human Resource Mgmt., 404 - Compensation Planning, 405 - International HRM

MBA-406	Comprehensive Viva-voce

BBA
Bachelor of Business Admn.
Elig. : 10 + 2 (Any Sub.) Dur. : 3 yrs. (6 Sem.)

Semester - 1
Code	Paper
BBA 101	Managerial Process
BBA 102	Financial Accounting
BBA 103	Business Mathematics
BBA 104	Business Organization
BBA 105	Business Communication
BBA 106	Personality Development

Semester - 2
BBA 201	Managerial Economics
BBA 202	Legal Environment of Business
BBA 203	Business Statistics
BBA 204	Cost Accounting
BBA 205	Computer Applications
BBA 206	Comprehensive Viva-Voce

Semester - 3
BBA 301	Business Environment
BBA 302	Company Law
BBA 303	Quantitative Techniques
BBA 304	Higher Accounting
BBA 305	Organisational Behaviour
BBA 306	Management Thought

Semester - 4
BBA 401	Entrepreneurship & Small Business Mgmt.
BBA 402	Marketing Management
BBA 403	Financial Management
BBA 404	Human Resource Management
BBA 405	Income Tax Laws & Practices
BBA 406	Business Research

Semester - 5
BBA 501	Management Information Systems
BBA 502	Banking Law and Practices
BBA 503	Insurance Management

Optional (Select 1 out of 3)
(A) Marketing
(B) Finance
(C) Human Resource Mgmt.

Semester - 6
BBA 601	Business Policy
BBA 602	Operations Research
BBA 603	Accounting for Managerial Decision

Optional (Select 1 out of 3)
(A) Marketing
(B) Finance
(C) Human Resource Mgmt.

B.Com.
with/without Computer App.
Elig. : 10 + 2 (Any Sub.) Dur. : 3 yrs. (6 Sem.)

Semester - 1
101	Fundamental Principles of Accounting
102	Business Mathematics
103	Indian Contract Act and Sale of GoodsAct
104	Business Organization

Plain : 105-Micro Economics, 106-Business Environment
Computer Applications :
105-Intro. to Information Technology - I
106-Operating System (Windows XP)

Semester - 2
201	Financial Accounting
202	Partnership Accounting
203	Business Regulatory Framework
204	Business Communications

Plain : 205-Macro Economics, 206-Indian Economics
Computer Applications :
205-Intro. to Information Technology - II
206-Operating System - II

Semester - 3
301	Elements of Company Accounts
302	Theory and Practice of Cost
303	Indian Company Act
304	Principles of Statistics

Plain : 305-Commercial Bank Mgmt., 306-Applied Economics
Computer Applications :
305-DBMS concepts using MS Access - I
306-MS-Office - I

Semester - 4
401	Advance Corporate Accounts
402	Advance Cost Accounts
403	Principles of Management
404	Advanced Statistics

Plain : 405-Banking in India, 406-Investment Management
Computer Applications :
405-DBMS concepts using MS Access - II
406-MS-Office - II

Semester - 5
Accounting Group - I :
(1) Income Tax for Individuals, (2) Accounting for Managers
Business Management Group - II :
(1) Marketing Management, (2) Financial Management
Applied Economics Group - I :
(1) Principles of Insurance Buss., (2) Public Finance
Computer Applications :
(1) Internet & www Web - I, (2) Essentials of E-Commerce - I

Semester - 6
Accounting Group - I :
(1) Income Tax for Business, (2) Indirect Tax
Business Management Group - II :
(1) Human Resource Mgmt., (2) Auditing
Applied Economics Group - I :
(1) International Marketing, (2) Project Planning & Control
Computer Applications :
(1) Internet & www Web - II, (2) Essentials of E-Commerce - II

Civil Engineering, the oldest engineering discipline, has been offered at the Gwalior Institute of Technology & Science right from its inception. The School has an outstanding track record and has consistently produced Civil Engineering graduates of exceptional quality and calibre.

Department of
CIVIL ENGINEERING

The educational objectives for Civil Engineering program are designed to produce competent engineers who are ready to contribute effectively to the advancement of civil engineering causes and to accommodate the needs of the community. These objectives are as follows :

a. To provide students with the fundamental technical knowledge and skills in mathematics, science and engineering to recognize and solve problems in the areas of structural design, geo-technical and environmental engineering.

b. To provide students with the necessary skills and practical experience to fulfill their professional duties and responsibilities in teamwork, ethics, technical leadership, business acumen and lifelong learning.

c. To make the students be in a position to practice professionally in various positions in an industry or government and succeed in Post Graduation from other professional schools.

d. To mould the students to become future engineers, scientists, researchers, and innovators and make substantial contributions to the society of civil engineers.

e. To prepare the students to be successful engineers or managers meeting the global industrial requirements.

f. To make the students put constant efforts to improve the living quality of all walks of life by solving wide range of problems.

Syllabus BE (CE)

Elig. : As per AICTE Dur. : 4 years (8 Sem.)

Semester - 1
101 Engineering Physics
102 Energy, Env., Ecology & Society
103 Basic Mechanical Engineering
104 Civil Engg. & Engg. Mechanics
105 Basic Computer Engg.
106 Language Lab & Seminars

Semester - 2
201 Engineering Chemistry
202 Engineering Mathematics - I
203 Communication Skills
204 Basic Electrical Engg. & Electronics Engg.
205 Engineering Graphics
207 Workshop Practice

Semester - 3
301 Mathematics-II
302 Transportation Bridges and Tunnels
303 Strength of Materials
304 Engineering Geology
305 Building Design & Drawing
306 Computer Programming - I

Semester - 4
401 Mathematics - III
402 Concrete Technology
403 Surveying
404 Construction Materials and Techniques
405 Fluid Mechanics
406 Computer Programming - II

Semester - 5
501 Transport Engg. - II
502 Advanced Surveying
503 Fluid Mech.-II
504 Structural Design & Drawing – I (R.C.C)
505 Theory of Structure - I

Semester - 6
601 Theory of Structures-II
602 Water Resources & Irrigation Engineering
603 Environmental Engg. - I
604 Quantity Surveying & Costing
605 Structural Design & Drawing-II (Steel)

Semester - 7
701 Design of Hydraulic Structure
702 Advanced Structural Design-II (RCC)
703 Environmental Engg. - II
704 Geo-Technical Engg.-I
706 **Elective - I** (7101-Computational Methods in Structural Engineering, 7102-Traffic Engineering, 7103-Industrial Waste Treatment, 7104-Cost Effective & Eco-Friendly Construction, 7105-Environmental Impact Assessment, 7106-Conservation & Recycling of Water)
706 Minor Project

Semester - 8
801 Geo-Technical Engg.-II
802 Construction Planning & Mgmt.
803 Adv. Structural Design-III (Steel)
804 **Elective - II** (8201-Structural Dynamics & Earthquake Engineering, 8202-Pavement Design, 8203-Air Quality Monitoring & Control, 8204-Energy Efficient & Green Building, 8205-Design of Prestrassed Conc. Structure, 8206-Water Power Engineering, 8207-Advance Water Resources Energy)
805 Major Project

The School offers a 4 year bachelor degree program in Electronics and Communication Engineering to prepare graduates with necessary technical knowledge and professional skills needed to address the challenges in the rapidly growing field of Electronics and Communication Engineering and promote research in this area.

Department of
ELECTRONICS & COMMUNICATION ENGINEERING

The Electronics and Communication Engineering program graduates:

- will have a solid foundation in Electronics and Communication Engineering along with competencies to apply knowledge in Mathematics and Science.
- will have the analytical and practical skills to solve engineering problems.
- will have professional and communication skills to function as leaders and members of multi-disciplinary teams in engineering and other industries.
- will have the skills to function as ethically responsible professionals.
- will be prepared to undertake lifelong learning.
- will be prepared to assume leadership role in addressing some of the technical issues of the society.

Syllabus BE (ECE)
Elig : As per AICTE Dur : 4 years (8 Sem.)

Semester - 1
101 Engineering Chemistry
102 Engineering Mathematics-I
103 Communication Skills
104 Basic Electrical Engg. & Electronics Engg.
105 Engineering Graphics
107 Workshop Practice

Semester - 2
201 Engineering Physics
202 Energy, Env., Ecology & Society
203 Basic Mechanical Engineering
204 Civil Engg. & Engg. Mechanics
205 Basic Computer Engg.
206 Language Lab & Seminars

Semester - 3
301 Mathematics II
302 Computer System Organization
303 Electronic Instrumentation
304 Electronic Devices
305 Network Analysis

Semester - 4
401 Mathematics - III
402 Electromagnetic Theory
403 Digital Electronics
404 Electronic Circuits
405 Analog Communication

Semester - 5
501 Voice Communication
502 Electromagnetic Theory
503 Digital Communication
504 Microprocessor, Micro-controller & Embedded System
505 CMOS VLSI Design

Semester - 6
601 Data Comm. & Networks
602 Cellular Mobile Communication
603 Digital Signal Processing
604 Microwave Engineering
605 Communication Networking & Transmission Lines
606 Minor Project

Semester - 7
701 Optical Communication
702 Antenna & Wave Propagation
703 T.V. & Radar Engg.
     Elective - I
7101 Wireless Communications
7102 Digital Image Processing
7103 Industrial Electronics
     Elective - II
7201 Satellite Communication
7202 Neural Networks
7203 Random Signal Theory
704 Major Project

Semester - 8
801 Advance Comm. Systems
802 CMOS Circuit Design
803 Nano Electronics
     Elective - III
8101 Advanced Data Networks
8102 Microwave Circuits
8103 Principles of Management & Managerial Economics
804 Major Project

ME Embedded System & VLSI design
Eligibility : As per AICTE Duration : 2 years (4 Sem.)

Semester - 1
101 Advanced Mathematics
102 CMOS VLSI design
103 Advanced Logic Design
104 Object Signal Processing
105 Embedded Microcontroller Programming

Semester - 2
201 VLSI Technology
202 Real Time operating system
203 VLSI test and Testability
204 Microelectronics
205 Embedded Computing System Design

Semester - 3
301 Elective - I
     (A) Opto-Electronics Integrated Circuits.
     (B) System on chip (SOC) design
302 Elective - II
     (A) Communication RF IC design
     (B) Embedded system programming
303 Seminar
304 Preliminary Dissertation cum synopsis

Semester - 4
401 Dissertation Part - II

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Department of
COMPUTER SCIENCE ENGINEERING

The Program Educational Objectives (PEO) developed for the B.E. Computer Science and Engineering graduates are

- they will have the fundamental knowledge in mathematics, science and engineering concepts for the development of engineering systems (Dev. Eng. Systems)
- will be able to apply current industry practices and emerging technologies to analyze, design, implement, test and verify computing systems and computer based solutions to real world problems. (design and develop)
- will be able to use appropriate skill sets towards addressing social issues resulting from the use of computing technologies (address social issues)
- will succeed in team work and will have good communication skills (team work and communication)
- will practice professionally and ethically in various positions in industry or government and/or succeed in graduate or other professional schools (professionalism) will function as successful engineers, managers, scientists, researchers, innovators or entrepreneurs meeting global industrial requirements (professional contribution)

Scope for Employment

- Typically start as development engineers and graduate to higher career options as architects, technical leaders and managers
- As design engineers, computing / IT consultants, solution developers and entrepreneurs As system / network administrators and IT managers.

ME Computer Science
Eligibility : As per AICTE Duration : 2 years (4 Sem.)

Semester - 1
101 Advanced Computational Mathematics
102 Advanced Data Structures and Algorithm
103 Advanced Computer Architecture
104 Object Oriented Technology
105 Advanced Computer Networking

Semester - 2
201 Web Technology & E-commerce
202 Information theory, coding & cryptography
203 Advance concept in databases
204 System programming
205 Soft computing

Semester - 3
301 Elective - I
    (A) Data Warehousing & Mining
302 Elective - II
    (A) Network Security
    (B) Simulation & Modeling
303 Seminar
304 Dissertation Part - I

Semester - 4
401 Dissertation Part - II

Syllabus BE (CSE)
Elig. : As per AICTE Dur. : 4 years (8 Sem.)

Semester - 1
101 Engineering Physics
102 Energy, Env., Ecology & Society
103 Basic Mechanical Engineering
104 Civil Engg. & Engg. Mechanics
105 Basic Computer Engg.
106 Language Lab & Seminars

Semester - 2
201 Engineering Chemistry
202 Engineering Mathematics-I
203 Communication Skills
204 Basic Electrical Engg. & Electronics Engg.
205 Engineering Graphics
207 Workshop Practice

Semester - 3
301 Mathematics II
302 Discrete Structure
303 Digital Circuit & System
304 Electronic Devices and circuits
305 Data Structures
306 Comp. Prog. -III (Java)

Semester - 4
401 Mathemaics - III
402 Computer System Organization
403 Object Oriented Technology
404 Analysis & Design of Algorithms
405 Analog & Digital Communication
406 Comp. Prog. - IV (.Net Tech.)

Semester - 5
501 Data Communication
502 Operating System
503 Data Base Management System
504 Computer Graphics & Multimedia
505 Theory of Computation
506 Comp. Prog.-V (Unix/Linux Lab)

Semester - 6
601 Microprocessor and Interfacing
602 Principles of Prog. Languages
603 Software Engg. & Project Mgmt.
604 Computer Networking
605 Advance Computer Architecture
606 Minor Project - I

Semester - 7
701 Compiler Design
702 Distributed System
703 Information Storage & Management
    Elective - I
7101 Network Management
7102 Real time fault tolerant system
7103 Embedded computer system
    Elective - II
7201 Network & Web Security
7202 Randomized Algorithm
7203 Data Mining & Knowledge Discovery
704 Industrial Training
705 Major Project

Semester - 8
801 Soft Computing
802 Web Engineering
    Elective - III
8301 Bio-informatics
8302 Digital Image Processing,
8303 Wireless Networking
    Elective - IV
8401 Advanced Computing Paradigm
8402 Robotics
8403 MANET & High Speed Networking.
803 Major Project

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Department of
INFORMATION TECHNOLOGY ENGINEERING

Objectives

- To develop analytical and problem-solving abilities to enable to build solutions using information and communication technologies (ICT)
- To develop students' capability to anticipate and manage technological changes in computing and allied domains
- To enable students to understand the scientific, mathematical and theoretical foundations on which ICT systems are built
- To expose students to design principles, standards and best practices pertaining to ICT systems development and management

Scope for Employment

- Students who graduate can start as System Developers and move on to becoming Architects, Technical Leaders and Managers
- As Solution Developers / Specialists in IT / IT-enabled Services or as System Developers / Integrators
- As Software Developers in vertical industry sectors such as manufacturing, banking / finance and health care
- As Design Engineers in building network security and management solutions
- As Computing and IT Consultants, Independent Solution Developers and Entrepreneurs.
- Other options include planning, designing and managing IT infrastructure

Syllabus BE (IT)

Elig. : As per AICTE Dur. : 4 years (8 Sem.)

Semester - 1
101 Engineering Chemistry
102 Engineering Mathematics-I
103 Communication Skills
104 Basic Electrical Engg. & Electronics Engg.
105 Engineering Graphics
107 Workshop Practice

Semester - 2
201 Engineering Physics
202 Energy, Env., Ecology & Society
203 Basic Mechanical Engineering
204 Civil Engg. & Engg. Mechanics
205 Basic Computer Engg.
206 Language Lab & Seminars

Semester - 3
301 Mathematics - II
302 Discrete Structures
303 OOPS Methodology
304 Electronic Devices & Circuits
305 Data Structure & Algorithm
306 Java Technology

Semester - 4
401 Mathematics - III
402 Computer System Organization
403 Database Management System
404 Analysis & Design of Algorithm
405 Analog & Digital Communication
406 Dot NET

Semester - 5
501 Data Communication
502 IT Enabled Services, Ethics & Management
503 Computer Networks
504 System Programming & Operating System
505 JAVA Programming

Semester - 6
601 Unix & Shell Programming
602 Computer Graphics & Multimedia
603 Internet Tech. & Network Management
604 Web Technology
605 Software Engg. & Project Mgmt.
606 Minor Project

Semester - 7
701 Object Oriented Analysis and Design
702 Wireless & Mobile Computing
703 Information Storage & Mgmt.
Elective - I : 710 Advanced Concepts in Database System, 711 Simulation & Modeling, 712 Human Computer Interaction, 713 Automata & Compiler Design
Elective - II : 720 Embedded System, 721 E-Commerce and Governance, 722 High Performance Computing, 723 Bio-informatics
704 Major Project-I

Semester - 8
801 Information Security
802 Soft Computing
Elective - III : 830 Component based Software Engineering, 831 Real Time System, 832 Image Processing, 833 Artificial Intelligence
Elective - IV : 840 Data Mining & Warehousing, 841 Cyber Law & Forensic, 842 Adhoc Networking, 843 Operation Research
803 Major Project - II

Department of
MECHANICAL ENGINEERING

School of Mechanical and Building Science offers a unique 4-year undergraduate program leading to a B.E. degree in Mechanical Engineering. Curriculum of this course is designed to meet current industrial requirements with an emphasis on industrial interaction and applied engineering. The course has been accredited by the AICTE. The school has received grants from All India Council of Technical Education (AICTE), Department of Science & Technology (DST), University Grants Commission (UGC) and other agencies to conduct research in the areas of CAM, Robotics, Energy and Metrology.

Objectives :

- The educational objectives for Mechanical Engineering program are designed to produce competent engineers who are ready to contribute effectively to the advancement of mechanical engineering causes and to accommodate the needs of the community. These objectives are as follows:

- To give students a broad exposure to all areas of Mechanical Engineering and mould them to be technically competitive and place them ahead in the race for quality employment.

- To enable the students to acquire practical experience in Mechanical Engineering discipline through design projects and opportunities to work with faculty in research.

- To train the students and enable them to meet the technological challenges and diverse needs of industry and society in various areas of Mechanical Engineering and equip them to excel in a global industry.

- To provide students with the fundamental technical knowledge and skills in mathematics, science and engineering to recognize and solve problems in the areas of design, thermal and manufacturing.
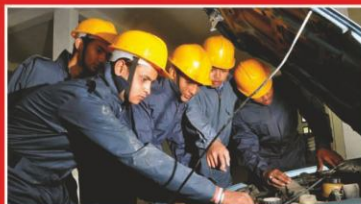
Syllabus BE (ME)

Elig. : As per AICTE Dur. : 4 years (8 Sem.)

Semester - 1
101 Engineering Physics
102 Energy, Env., Ecology & Society
103 Basic Mechanical Engineering
104 Civil Engg. & Engg. Mechanics
105 Basic Computer Engg.
106 Language Lab & Seminars

Semester - 2
201 Engineering Chemistry
202 Engineering Mathematics - I
203 Communication Skills
204 Basic Electrical Engg. & Electronics Engg.
205 Engineering Graphics
207 Workshop Practice

Semester - 3
301 Mathematics - II
302 Production Process
303 Strength & Mechanics of Materials
304 Thermodynamics
305 Machine Drawing and Design
306 Comp. Prog. (Java)

Semester - 4
401 Mathematics - III
402 Material Science & Metallurgy
403 Theory of M/c & Mechanisms
404 Thermal engg and gas dynamics
405 Fluid Mechanics
406 Dot.Net

Semester - 5
501 Entrepreneurship & Mgmt. concepts
502 Turbo Machinery
503 Mechanical Measurement & Control
504 Machine Component Design
505 Dynamics of Machine
506 RDBMS (Access/Oracle)

Semester - 6
601 Operations Management
602 Power Plant Engg.
603 Metal Cutting & CNC machines
604 IC Engines
605 Heat and Mass Transfer
606 Minor Project and seminar
607 Computer Aided Engineering

Semester - 7
701 Elective - I
    (A) Design of Heat Exchanger
    (B) Computer Aided Engg. & FEM,
    (C) Industrial Robotics
    (D) Work Study & Ergonomics
702 Elective - II
    (A) Renewable Energy System
    (B) Project Management,
    (C) Total Quality Mgmt. & SQC,
    (D) MIS, ERP & E-business
703 Mechanical Vibration & Noise Engineering
704 Automobile Engineering
705 OR & Supply Chain
706 Minor Project and seminar

Semester - 8
801 Elective - I
    (A) Energy Conservation & audit
    (B) Tool Engg. & Machine Tools
    (C) Reliability & Maintenance
    (D) Simulation & Process Modeling
802 Machine Design
803 Refrigeration & Air Conditioning
804 CAD / CAM / CIM

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Department of
ELECTRICAL ENGINEERING

Electrical Engineering, which is the application of the principles of electricity to develop machines, devices and systems, has significantly affected the quality of life. Its study continues to be an exciting proposition. Per capita consumption of electricity is still a measure of any country's development. The fast depletion of fossil fuels and degradation of environment has opened the doors for clean and non-conventional energy resources. Further, the ever growing demand for power and the integration of utilities into national grids brings in complexities that today's engineer should be equipped to meet. These are the focal points of this program.

Objectives :

- To produce competent Engineers and Professionals to meet the needs of industries in the context of Global Scenario.
- To develop competent Electrical Engineers of high quality both in software and hardware who are capable of facing various challenges posed by other developed countries.
- To offer updated curriculum, allowing our graduates to exploit emerging opportunities efficiently
- To orient the students to involve themselves in various research and developmental activities.
- To provide opportunities to simulate the real world in a lab environment using latest software tools.

Syllabus BE (EE)
Elig. : As per AICTE Dur. : 4 years (8 Sem)

Semester - 1
201 Engineering Chemistry
202 Engineering Mathematics - I
203 Communication Skills
204 Basic Electrical Engg. & Electronics Engg.
205 Engineering Graphics
207 Workshop Practice

Semester - 2
101 Engineering Physics
102 Energy, Env., Ecology & Society
103 Basic Mechanical Engineering
104 Civil Engg. & Engg. Mechanics
105 Basic Computer Engg.
106 Language Lab & Seminars

Semester - 3
301 Mathematics-II
302 Electrical Engg. Materials
303 Electrical Instrumentation
304 Semiconductor Devices & Circuits
305 Network Analysis
306 Java Programming

Semester - 4
401 Mathematics - III
402 Electromagnetic Theory
403 Power System
404 Electric M/C - 1
405 A D Communication
406 Dot Net

Semester - 5
501 Electrical Machine - II
502 Electronics Instrumentation
503 Signals & Systems
504 Digital Electronics & Logic Design
505 Principles of Management & Managerial Economics
506 Electrical Engg. Simulation Lab

Semester - 6
601 Microprocessors & microcontrollers
602 Electrical Power Generation
603 Electrical Machines - III
604 Power Electronics
605 Energy Conservation & Mgmt.
606 Minor Project - I
607 Electrical Machines Design CAD based

Semester - 7
701 Control Systems
702 Utilization of Electrical Energy
703 Electrical Drives
704 Elective - I
     (A) Computer aided design of electrical machines, (B) Soft computing techniques & applications, (C) Management Information Systems.
705 Elective - II
     (A) High Voltage Engg., (B) Calibration & Testing of Electrical equipments, (C) Generalised Theory of Electrical Machines.
706 Major Project.

Semester - 8
801 Power System Analysis & Control
802 Power System Protection
803 Elective - III
     (A) Advanced electrical drives, (B) Process control, (C) Computer applications to power systems
804 Elective - IV
     (A) Renewable and Non-conventional energy systems, (B) Power system planning & reliability (C) EHV AC and DC transmission.

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Department of
BIOTECHNOLOGY

Exploring Life Science for attaining new heights in Biotechnology

Life science is the study of living things. The life sciences comprise all fields of science that involve the scientific study of living organisms, like plants, animals, and human beings. However, the study of behaviour of organisms, such as practiced in ethnology and psychology, is only included in as much as it involves a clearly biological aspect. While biology and medicine remain centerpieces of the life sciences, technological advances in molecular biology and biotechnology have led to a burgeoning of specializations and new, often interdisciplinary, fields.

Biotechnology is a field of applied biology that involves the use of living organisms and bio-processes in engineering, technology, medicine and other fields requiring bio-products. Biotechnology also utilizes these products for manufacturing purpose. Modern use of similar terms includes genetic engineering as well as cell- and tissue culture technologies. The concept encompasses a wide range of procedures (and history) for modifying living organisms according to human purposes - going back to domestication of animals, cultivation of plants, and "improvements" to these through breeding programs that employ artificial selection and hybridization. By comparison to biotechnology, bioengineering is generally thought of as a related field with its emphasis more on higher systems approaches (not necessarily altering or using biological materials directly) for interfacing with and utilizing living things.
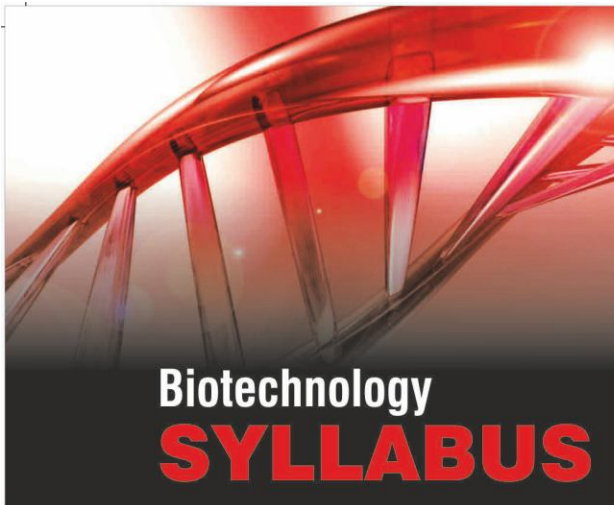
Biotechnology
SYLLABUS

SPECIAL FEATURES OF LIFE SCIENCES DEPARTMENT

AT GICTS, the Life Sciences Department is well equipped with modern amenities pertaining to research and industrial work. We have separate laboratories for Molecular Biology, Plant Tissue Culture, Microbiology, Biotechnology, Biochemistry, etc. with modern equipments like PCR, Cooling centrifuge, SDS Page Assembly, UV Spectro-photometer, Laminar Air Flow, BOD incubator, Environmental Chamber, Deep Freezer, Micro centrifuge, Tissue Homogenizer, etc.

We have regular six days theory and practical classes conducted by well qualified teachers. Regular seminars are conducted on topics by eminent Scientists and distinguished guests from various Universities. Special personality development classes are conducted for grooming students' personality.

B.Sc. Biotechnology

Elig. : 10+2 (Bio./Agri.) Dur. : 3 years (6 Sem.)

Semester - 1
1. Biotechnology : 101 - Biomolecules, Enzymology, Biochemical Techniques Biophysics.
   102 - Practical Laboratory - I
2. Chemistry :
   Physical, Inorganic & Organic Chemistry
3. Foundation Course :
   Hindi, English & Envl. Studies
4. Botany : P1 : Diversity of Microbes and Cryptogams OR P2 : Cell Biology and Genetics
   Zoology : P1 : Invertebrates & P2 : Vertebrates

Semester - 2
1. Biotechnology : 201 - Microbial Techniques & Recombinant DNA Technology.
   202 - Practical Laboratory - II
2 & 3. Same as semester 1
4. Botany :
   P1 : Diversity of Microbes & Cryptogams
   OR P2 : Cell Biology and Genetics
   Zoology : P1 : Cell Biology & P2 : Developmental Biology

Semester - 3
1. Biotechnology :
   P1 : Molecular Biology
   P2 : Mol., Cell Bio. & Animal Cell Culture
   2 & 3. Same as semester 1
4. Botany :   P2 : Str., Dev. & Repro. in Flowering Plants OR P1 : Diversity & Systematic of Seed Plants
   Zoology :   P1 : Genetics I & P2 : Genetics II

Semester - 4
1. Biotechnology :   P1 : Immunology
   P2 : Immunological Methods
   2 & 3. Same as semester 1
4. Botany : P1 : Diversity & Systematic of Seed Plant OR P2 : Str., Dev. & Repro. in Flowering Plants
   Zoology :   P1 : Animal Phy. I & P2 : Animal Phy. II

Semester - 5
1. Biotechnology :
   P1 : Animal Cell Biotech.
   P2 : Tech. & App. of Ani. Cell & Plant
   2 & 3. Same as semester 1
4. Botany :   P1 : Plant Physiology, Biochemistry & Biotech OR P2 : Eco. & Utilization of Plant Resources
   Zoology :   P1 : App. Zoology-I & P2 : App. Zoology-II

Semester - 6
1. Biotechnology : P1 : Biostatistics, Comp. & Bioinfor.
   P2 : Env. Bio.
   2 & 3. Same as semester 1
4. Botany :   P1 : Plant Physiology, Biochemistry & Biotech OR P2 : Eco & Utilization of Plant Resources
   Zoology :   P1 : Environ. Biology & P2 : Evolution

M.Sc. Biotechnology

Elig. : Graduate (Bio.) Dur. : 2 yrs. (4 Sem.)

Semester - 1
101   Cell Biology
102   Biomolecules and Biotechniques
103   Microbiology
104   Bioinstrumentation

Semester - 2
201   Molecular Biology
202   Immunotechnology
203   Part A- Environmental Biotechnology
       Part B- Animal Biotechnology
204   Enzymetechnology

Semester - 3
301   Genetic Engineering
302   Plant Biotechnology
303   Bioprocess Engineering and Technology
304   Biostatistics & Computer Applications

Semester - 4
401   Emerging Trends in Biotechnology
402   Optional 1 : Bioinformatics
       Optional 2 : Enterpreneurship in Biotechnology & IPR
       Optional 3 : Management & Marketing of Biotech. products.
403   Computer Lab.

Department of
MICROBIOLOGY

Industrial microbiology or microbial biotechnology encompasses the use of microorganisms in the manufacture of food or industrial products.

Microbiology is the study of microorganisms, which are microscopic, unicellular, and cell-cluster organisms. This includes eukaryotes such as fungi and protists, and prokaryotes. Viruses and prions, though not strictly classed as living organisms, are also studied. Microbiology typically includes the study of the immune system, or Immunology. Generally, immune systems interact with pathogenic microbes; these two disciplines often intersect which is why many colleges offer a paired degree such as "Microbiology and Immunology".

Microbiology is a broad term which includes virology, mycology, parasitology, bacteriology and other branches. A microbiologist is a specialist in microbiology and these other topics.

Microbiology is researched actively, and the field is advancing continually. It is estimated, only about one percent of all of the microbe species on Earth have been studied. Although microbes were directly observed over three hundred years ago, the field of microbiology can be said to be in its infancy relative to older biological disciplines such as zoology and botany.

B.Sc.
Microbiology
Elig. : 10 + 2 (Bio./Agri.) Dur. : 3 years (6 Sem.)

Semester - 1
1. Microbiology :
   101 - Fundamentals of Microbiology & Techniques
   102 - Lab Course - I
2. Chemistry :
   Physical, Inorganic & Organic Chemistry
3. Foundation Course :
   Hindi, English & Envl. Studies
4. Botany : P1 : Diversity of Microbes and Cryptogams OR P2 : Cell Biology and Genetics
   Zoology :   P1 : Invertebrates & P2 : Vertebrates
Semester - 2
1. Microbiology :
   201 - Biochemistry & Microbial Physiology
   202 - Lab Course - II
2 & 3. Same as semester 1
4. Botany :
   P1 : Diversity of Microbes & Cryptogams
   OR P2 : Cell Biology and Genetics
   Zoology : P1 : Cell Biology & P2 : Developmental Biology
Semester - 3
1. Microbiology :
   301 - Molecular Biology & RDT
   302 - Lab Course - III
2 & 3. Same as semester 1
4. Botany: P2 : Str., Dev. & Repro. in Flowering Plants OR P1 : Diversity & Systematic of Seed Plants
   Zoology :   P1 : Genetics I & P2 : Genetics II
Semester - 4
1. Microbiology :
   401 - Food Microbiology & Fermentation Technology
   402 - Lab Course - IV
2 & 3. Same as semester 1
4. Botany:P1:Diversity & Systematic of Seed Plant OR P2 : Str., Dev. & Repro. in Flowering Plants
   Zoology :   P1 : Animal Phy. I & P2 : Animal Phy. II
Semester - 5
1. Microbiology :
   501 - Enzymology & Immnotechnology
   503 - Lab Course - V
2 & 3. Same as semester 1
4. Botany :   P1 : Plant Physiology, Biochemistry & Biotech OR P2:Eco. & Utilization of Plant Resources
   Zoology :   P1:App. Zoology-I & P2:App. Zoology-II
Semester - 6
1. Microbiology :
   601 - Environmental Microbiology & Biostatistics
   602 - Immunobiotechnology & Biostatistics
   603 - Project Work
2 & 3. Same as semester 1
4. Botany :   P1 : Plant Physiology, Biochemistry & Biotech OR P2 : Eco & Utilization of Plant Resources
   Zoology :   P1 : Environ. Biology & P2 : Evolution

M.Sc.
Microbiology
Elig. : Graduate (Bio.) Dur. : 2 yrs. (4 Sem.)

Semester - 1
101   Introduction to Microbiology & General Bacteriology
102   Virology & Mycology
103   Cell Biology and Biochemistry
104   Bioinstrumentation
105   Lab Course
Semester - 2
201   Microbial Genetics and Molecular Biology
202   Immunology
203   Microbial Physiology & Metabolism
204   Biometrics, Comp. fundamentals & Bioinformatics.
205   Lab Course
Semester - 3
301   Medical Microbiology
302   Recombinant DNA technology
303   Microbial Technology
304   Ecology & Environmental Microbiology
305   Lab Course
Semester - 4 :
401   Agriculture Microbiology
402   Food Microbiology
403   Lab Course
404   Project work of 3 to 4 months duration

B.Sc.
Biochemistry
Elig. : 10 + 2 (Bio./Agri.) Dur. : 3 years (6 Sem.)

Semester - 1
1. Biochemistry :
   101 - Biomolecules
   102 - Laboratory Course - I
Semester - 2
1. Biochemistry :
   201 - Biophysical & Biochemical Techniques
   202 - Laboratory Course - II
Semester - 3
1. Biochemistry :
   301 - Enzymology
   302 - Laboratory Course - III
Semester - 4
1. Biochemistry :
   401 - Intermediary Metabolism
   402 - Laboratory Course - IV
Semester - 5
1. Biochemistry :
   501 - Molecular Biology
   502 - Laboratory Course - IV
Semester - 6
1. Biochemistry :
   601 - Nutritional, Clinical & Environmental Biochem.
   602 - Laboratory Course - VI
Remaining papers are same as Biotechnology.

Microbiology
SYLLABUS

SPECIAL FEATURES OF LIFE SCIENCES DEPARTMENT

Microbiology is a thoroughly practical subject and it includes a great deal more than mere description of strange microscopic organisms. Of course, a study of form, structure, and mode of life of microorganisms appears necessary In order to understand them and to understand the principles of biology, but the subject is concerned principally with the things microorganisms 'do', and with the practical affects of their activities on human affairs.

There is no field of human endeavour, whether it be in industry or in agriculture, or in preparation of food or in connection with problems of shelter or clothing, or in the conservation of human and animal health and the combating of disease, where the microorganisms do not play an important and often a dominant role.

DOEACC

is now

National Institute of Electronics and Information Technology

An autonomous scientific society of Department of Information Technology, Ministry of Communications & Information Technology, Government of India.

DOEACC Society is implementing a joint scheme of All India Council for Technical Education and Department of Information Technology (formerly Department of Electronics (DOE)), Government of India. The objective of the Scheme is to develop quality manpower in IT by utilizing the expertise available with the computer training institutes who are granted accreditation for conducting specified Levels of courses, subject to their meeting well-defined norms and criteria.

1. An IT Literacy course namely, **Course on Computer Concepts (CCC)** is offered by the Society all over the country

2. The other level of courses are :

    O Level

    Equivalent to **Foundation level course**

    A Level

    Equivalent to **Advanced Diploma in Computer Applications**

    B Level

    Equivalent to **MCA Level**

    C Level

    Equivalent to **M. Tech Level**

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Industry oriented learning.

Syllabus
DOEACC

"O" LEVEL

Eligibility :

i) **For students appearing through an institute :** 10 + 2 or ITI Certificate (one year) after class 10 followed in each case by an accredited 'O' Level Course. / **OR** / Successful completion of the second year of a Government recognized polytechnic engineering / diploma course after class 10, followed by an accredited 'O' level course concurrently during the third year of the said polytechnic engineering diploma course.

ii) **For students-at-large (Direct Applicants) :** 10 + 2 or ITI Certificate (one year) after class 10 followed in each case, by one-year relevant experience. (Relevant experience cannods job experience in IT, including teaching in a recognized institution as faculty member, excludes coaching. / **OR**/ A pass in the NCVT-DP&CS (Data Processing & Computer Software) Examination conducted by DGE&T (Govt. of India).

Code	Subject
M1-R4	IT Tools and Business System
M2-R4	Internet Technology and Web Design
M3-R4	Programming & Problem Solving through 'C' Language
M4-R4	Elective: (One Module out of the following three modules to be chosen)
M4.1-R4	Application of .NET Technology
M4.2-R4	Introduction to Multimedia
	M4.3-R4 Introduction to ICT Resources

"A" LEVEL

Eligibility :

I) For students appearing through an institute Level 'O' /Government recognized polytechnic engineering diploma after class 10. Followed in each case, by an accredited 'A' level course (no concurrency). A Government recognized polytechnic engineering diploma after 10+2 / Graduate and an accredited 'A' level course in each case.

ii) For students-at-large (Direct Applicants) Level 'O'/Government recognized polytechnic engineering diploma/Graduate. Followed in each case, by one year relevant experience*. The 'A' level diploma will be awarded only after successful completion of the academic stream i.e. polytechnic engineering diploma after 10+2 or degree.

*Relevant experience connotes job experience in IT, including teaching in a recognized institution as faculty member, excludes coaching.

Code	Subject
A1-R4	IT Tools and Buisness System
A2-R4	Internet Technology & Web Design
A3-R4	Programming & Problem solving through "C" Language
A4-R4	Computer System Architecture
A5-R4	Structured System Analysis & Design
A6-R4	Data Structure through "C++" Language
A7-R4	Introduction to Data Base Management Systems
A8-R4	Basic of OS, Unix & Shell Prog.
A9-R4	Data Communication and Networks Technologies
A10.1-R4	Elective Introduction to Object Oriented Prog. through JAVA
A10.2-R4	Elective Software Testing and Quality Management

CHM-O Level

Diploma in Computer Hardware Maintenance

Eligibility Criteria:
10 + 2 (Science) pass or ITI (one year after 10 pass) in Electrical / Electronics / Computers / Instrumentation Engineering.

CHM-O1	Electronic Components and PC Hardware
CHM-O2	PC Architecture
CHM-O3	Computer Peripherals and Networking
CHM-O4	System Software, Diagnostic & Debugging Tools
CHM-O5	Personality Development and Communication Skills
CHM- OP1	PC Debugging- Repair & Maintenance
CHM- OP2	Software Installation & Maintenance

CHM-A Level

Advanced Diploma in Computer Hardware Maintenance & Networking

Eligibility Criteria :
CHM-O Level Pass/Diploma in Electronics/ Computers/ Electrical/ Instrumentation after 10 pass or undergoing 2nd year BSc. with Physics/Electronics/ Computers or undergoing 2nd year B.E. (Electrical/Electronics/ Computer/IT) and accredited 'A' Level course.

CHM-A1	Electronics Components and PC Hardware
CHM-A2	PC Architecture
CHM-A3	Computer Peripherals and Networking
CHM-A4	System Software, Diagnostic & Debugging Tools
CHM-A5	Personality Development & Communication skills
CHM-A6	Advance PC Hardware and Networking Components
CHM-A7	Data Communication and Computer Networks
CHM-A8	Network Management and Administration
CHM-A9	Linux Administration
CHM-A10	Entrepreneurship Development
CHM-A11	Elective (One from the list provided)
CHM-APJ	Project
Practicals :	
CHM-AP1	PC Debugging Repair & Maintenance
CHM-AP2	Software Installation & Networking Maintenance
CHM-AP3	Advanced Hardware and Networking
CHM-AP4	Network Administration
CHM-AP5	Linux Administration
CHM-AP6	For Selected / Opted Elective
Electives :	
CHM -AE1	IT Security
CHM–AE2	Advanced Network Management
CHM–AE3	Introduction to Embedded Systems
CHM-AE4	Networking with Advance Components

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Department of
NURSING

Nursing is a healthcare profession focused on the care of individuals, families, and communities so they may attain, maintain, or recover optimal health and quality of life from conception to death.

Nurses work in a large variety of specialties where they work independently and as part of a team to assess, plan, implement and evaluate care. Nursing Science is a field of knowledge based on the contributions of nursing scientists through peer-reviewed scholarly journals and evidenced-based practice.

GNM General Nursing & Midwifery

Eligibility : 10 + 2 or equivalent preferably with Science (Physics, Chemistry & Biology) subjects with aggregate of 40%
Duration : 3 years.

1st Year
Paper I	Fundamentals of Nursing including First aid & Emergency Nursing, Physics and Chemistry.
Paper II	Anatomy, Physiology and Microbiology
Paper III	Community, Health Nursing including Nutrition, Psychology, Sociology, Personal and Environment Hygiene, Health Education and Communication skills.
Practical I	Fundamentals of Nursing.

2nd Year
Paper I	Medical Surgical Nursing I (including Pharmacology)
Paper II	Medical Surgical Nursing I (including Nursing Specialities, Opthamology, ENT, Gynaceological Nursing, Communicable Diseases, Orthopaedic Nursing and Advanced Nursing Practices)
Practical II	Medical Surgical Nursing.
Practical III	Paediatric and Psychiatric Nursing.

3rd Year
Paper I	Midwifery
Paper II	Community Health Nursing II (including Professional adjustment & trends and Management and Supervision).
Practical IV	Midwifery / Psychiatric Nursing alternate course for Male students).
Practical V	Community Health Nursing

INTERNSHIP :
6 Montes after passing IIIrd Year which includes placement in different ward, submission of project work and administration and management skill training.

B.Sc. Nursing

Eligibility : 10 + 2 or equivalent preferably with Science (Physics, Chemistry & Biology) and English with min. of 45% aggregate marks (PCBE). **Duration :** 4 years.

1st Year
1. Anatomy & Physiology
2. Nutrition & Biochemistry
3. Nursing Foundation
4. Psychology
5. Microbiology
6. English
7. Introduction to Computer
8. Practical and Viva Voce : Nursing Foundation

2nd Year
1. Sociology
2. Medical Surgical Nursing - I
3. Pharmacology / Pathology / Genetics
4. Community Health Nursing - I
5. Communication and Educational Technology
6. Practical & Viva Voce : Medical Surgical Nursing - I

3rd Year
1. Medical Surgical Nursing -II
2. Child Health Nursing
3. Mental Health Nursing
   Practical & Vice Voce : (1) Medical Surgical Nursing -II, (2) Child Health Nursing & (3) Mental Health Nursing.

4th Year
1. Midwifery Including Maternity and Gynecological Nursing
2. Community Health Nursing - II
3. Introduction to Principles of Administration and Nursing Services
4. Trends and Issues in Nursing Including Nursing Research
5. Computer Elementary Knowledge
6. Practical & Viva Voce : (1) Midwifery, (2) Community Health Nursing II
   INTERNSHIP :
   6 Montes after passing IVth Year which includes placement in different ward, submission of project work and administration and management skill training.

Under approval

Sports !!! Characters are revealed and Personalities are built"

SPORTS

We, at GICTS Group of institutions believe that it is the right of the student to rest and leisure, to connect himself/herself with play and recreational activities suitable to the age of the student and to contribute freely in educational life and the arts. It enables the student to have an appropriate balance between educational curriculum and social activities. Here, the sports and social activities are just as important as the classes and libraries, and receive equal attention. Admittedly, the young people are energetic enough to enjoy the sports and it is really necessary to relieve themselves from stressful academic work or strengthen themselves through different kinds of sports. Our curriculum is designed in such a way that the students should aim to gain both knowledge and the all-round development which is advocated wildly in today's world.

GICTS students form the bulk of the various University teams, the main ones being Volley Ball, Basket Ball, Cricket & Table-tennis.

The college organizes many state level tournaments, the prestigious one being the GICTS T20 cricket tournament which is sponsored by the college and held at Capt. Roop Singh Stadium, the venue of many international matches.

PRESS CONFERENCE

GICTS COLLEGE
INTER SCHOOL
Twenty-20
CRICKET
TOURNAMENT

Students of GICTS Gwalior selected for State Level Table Tennis Tournament
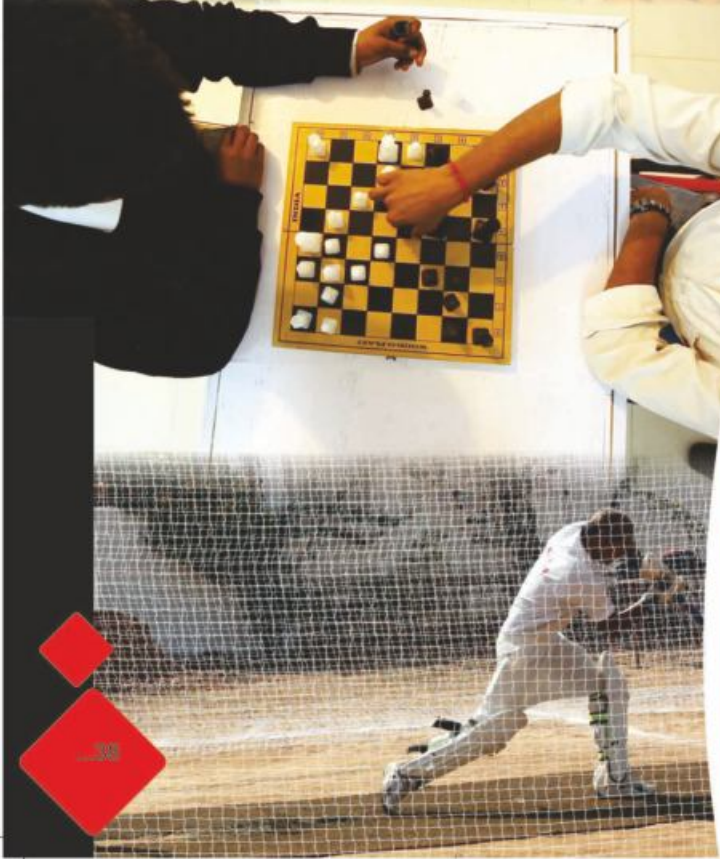
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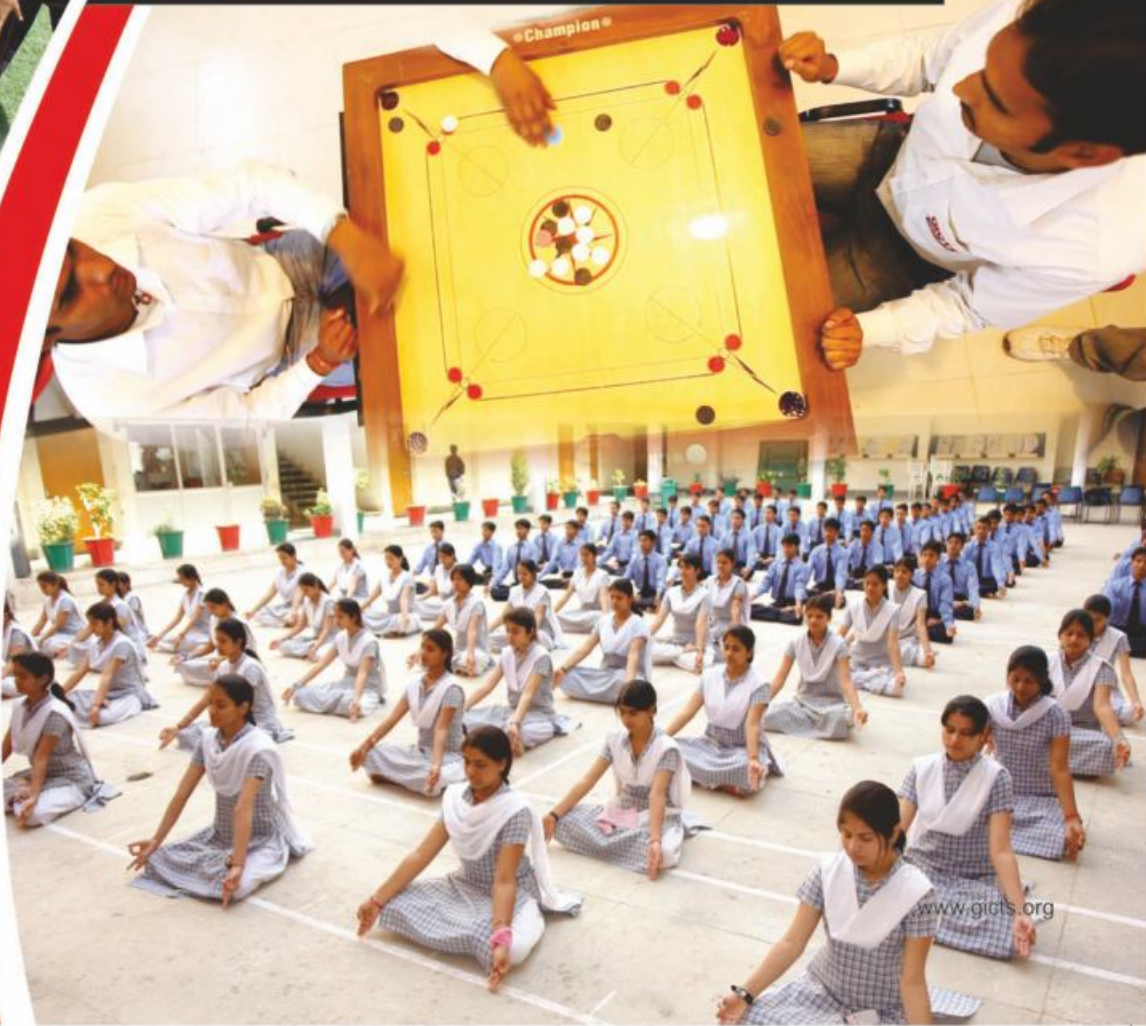
Department of
TRAINING & PLACEMENT

Training and Placement Cell is an integral part of the institute. The institute has provided complete infrastructure for effective functioning of the cell. Training activities are organized throughout the year in an effort towards preparing the prospective students for the campus selection programmes. The cell keeps on inviting various industries and reputed firms for training and campus recruitment. The cell is sensitized to function through out the year towards generating campus recruitment opportunities for the students.

Reputed industrial houses across the country visit our institute regularly for the campus recruitment programmes. The placement cell coordinates quite well with the corporate sector and provides well-developed infrastructure to facilitate the campus selection programmes. The cell maintains a very cordial relationship with all the recruiting companies and also prepares candidates to face the competitive world.

At GICTS, you don't have to search for a job;
the job comes to you...

GICTS ALUMNI WORKING WITH...

Name	Company
ABHA JAIN	WIPRO
ABHILASHA DHAKAR	INFOSYS
ABHILASHA KUMARI	INFOSYS
ABHIMANYU RAI	IG - SOFTWARE
ABHISHEK BANSAL	SYNTEL
ABHISHEK BHALLA	CIPLA
ABHISHEK GHOTANKAR	WIPRO
ABHISHEK P. S. RAJAWAT	SANTOSH TECH.
ABHISHEK PALIWAL	ARICENT TECHN. PVT. LTD.
ACHALA SAXENA	GENPACT
AJAY DAYAL KUSHWAH	INFOSYS
AJAY KUSHWAH	TECH MAHINDRA
AJAY SINGH RATHORE	IG - SOFTWARE
AKANKSHASHUKLA	UNITED HEALTH GRP. MERATH
AKANSHA KHARE	WIPRO
AKASH RATHOR	MD AT COCA-COLA COMPANY
AKASH SAXENA	HDFC
AKASH SHARAF	TCS GROUP
AKHIL JAGTAP	CYBER INFRASTRUCTURE
ALOK CHAND THAKUR	WIPRO
ALOK KUMAR GUPTA	WIPRO
AMBAR KUMAR JAIN	CTS GOGIZANT TECH. SOL.
AMIT DHUPER	IMPETUS, INDORE
AMIT GUPTA	WIPRO
AMIT KUMAR DHUPER	IG - SOFTWARE
AMIT SHARMA	ADITYA BIRLA GROUP
AMIT KU. SHARMA	ORACLE MUMBAI
AMITRAJAPURKAR	ZCON SOLUTIONS
ANANT VERMA	WIPRO
ANIMESH SUMANI	WIPRO
ANISHA GARG	INFOSYS
ANKIT AGRAWAL	WIPRO
ANKIT GAUR	TAVISCA SOLUCTION
ANKIT TIWARI	ANDROMEDA
ANKITA BAKSHI	IG - SOFTWARE
ANKITA GARG	WIPRO BPO
ANKUSH SINGH	WIPRO TECHNOLOGY (KOCHI)
ANOOP KU. CHAURASIYA	WIPRO
ANUBHAV JAIN	WIPRO
ANUBHAV NAKHRE	IS - HARDWARE
ANUJ SINGH TOMAR	WIPRO
ANUP KANDALKAR	WIPRO
ANURAG AGARWAL	IG - SOFTWARE
ANURAG MISHRA	WIPRO TECHNOLOGIES
APARAJITA GURIA	WIPRO BPO
APARAJITA GUPTA	INFOSYS
APOORAV PATHAK	H. P INDIA
APRAJITA BANNERJI	IS - HARDWARE
ARVIND PIPPAL	VIRTUAL SOFT TECH.
ARVIND SINGH	INFOSYS, KARNATAKA
ARVIND SINGH SENGAR	INFOSYS
ASHISH CHATURVEDI	ASL COMPANY
ASHISH K DWIVEDI	WIPRO TECHNOLOGIES
ASHISH KHATRI	INFOSYS
ASHISH SHARMA	PARAGYTE TECHNOLOGY
ASHISH SINGH BHADORIYA	IS - HARDWARE
ASHISHSOOD	DELL SERVICES NOIDA
ASHOK KUMAR	INFOSYS
BABY RAJPUT	WIPRO
BASANT JOSHI	WIPRO
BHARAT BATRA	WIPRO
BHAUDORIA	CIPLA
BHIM SEN MANGOLIYA	MASTEK LTD
BHUPENDRA SINGH	WIPRO
BRAJINDRA KANVAJIYA	WIPRO
CHANDAN JAIN	CIPLA
CHERYLAINE FRANKLIN	INFOSYS
CHITRANSH SHRIVASTAVA	IS - HARDWARE
DAMODAR SHROTRIYA	MZI.NET
DARAKSHA BANO	ZICACOM ELECTRICALS
DEEPENDRA SINGH	ARRK SOLUTION MUMBAI
DEEPESH SHARMA	WIPRO
DEEPTI NARWARIYA	WIPRO
DEVENDRA KUMAR	INFOSYS
DHARAMVEER KUMAR	INFOSYS
DHARMENDRA SHROTRIYA	KEENS SOFTWARE
DILIP KUMAR YADAV	WIPRO
DIPANYAN CHATTERJEE	DA MILANO
DIVYA NARWARIA	WIPRO
GAJENDRA RATHORE	KMJ LAND DEVELOPER INDIA
GARIMA DIXIT	HEXAWARE
GARIMA	AON CORPORATION
GAURAV JAIN	CIPLA
GAURAV VERMA	WIPRO
GOURAV	PCS DATA CONULTENCYS
GOURAV MISHRA	SYNTEL LTD
GUDAKESH SHARMA	INFOSYS
GULFRAZ AHMED	SONY INDIA PVT. LTD.
GUNJAN BHATIA	IG - SOFTWARE
GURDEEP SINGH CHAWLA	IG - SOFTWARE
HARENDRA PRATAP SINGH	WIPRO
HARIOM SINGH	IS - HARDWARE
HARSH KUMAR YADAV	WIPRO
HARSH SARASWAT	IG - SOFTWARE
HARSHA SAXENA	IG - SOFTWARE
HEENA KHAN	DA MILANO
HIMANSHU SURVE	HCL INFOSYSTEMS
HONEY GOYAL	INFOSYS
HONEY SHEWARAMANI	IG - SOFTWARE
INDERJEET SINGH ARORA	HCL
JAI RAJPUT	SURYA ROSHNI, NEW DELHI
JAIPRAKASH PAL	ACCENTURE, NEW DELHI
JAISH MANGAL	IS - HARDWARE
JANDEL DHAKAD	INFINITE IT SOL., GURGAON
JITENDRA JAIN	PURE TESTING
JITENDRA KUMAR JAIN	KASYAP INFOTECH
JUHI AGRAWAL	IG - SOFTWARE
JYOTISUKHANI	ACCENTURE
KAPIL AGRAWAL	WIPRO
KAUSHLENDRA SINGH	WIPRO
KAVITA BAGHEL	CIPLA
KAVITA RAWAT	WIPRO
KOKILA JUMRANI	INFOSYS
KSHIPRA SAXENA	INFOSYS
KULDEEP SENGAR	OPERA SOLUTIONS
KULDEEP SHRIVASTAVA	UFLEX LIMITED
LALIT SHARMA	HCL
LOKENDRA	FLEXTRONICS INDIA P.LTD.
LOKENDRA SINGH	HEG LTD. (BHILWARA GROUP)
LOVE KISHORE DANTRE	IG - SOFTWARE
LUCKY SHRIVASTAVA	INFOSYS
MAHENDRA VERMA	INFOSYS
MAMTA CHANDWANI	IG - SOFTWARE
MANDAR ALGIWARE	CIPLA
MANISH SINGH YADAV	WIPRO
MANOJ GUPTA	CULTURE HOLIDAY INDIA
MANOJ GUPTA	PURE TESTING
MANZOOR ALAM ANSARI	INFOSYS
MARANALINI SONI	WIPRO
MAYANK PRATAP SINGH	WIPRO
MAYANK SONI	YCPAIP - CDAC CENTER
MAYURI PAWER	WIPRO
MENAL GOYAL	IMPECTUS INDORE
MOHAMMAD ENAYAT	ZIETA TECH. BANGALORE
MOHIT JAIN	CIPLA LTD
MOHSIN KHAN	HDFC
MONAJ GUPTA	IDS LOGIC P.LTD.
MONIKA SHRIVASTAVA	INFOSYS
MUKESH KUMAR JHA	WIPRO
MUKESH PARMAR	WIPRO
NANDINI BAGAIT	CIPLA
NARENDRA GUPTA	WIPRO
NARENDRA S. SISODIYA	IS - HARDWARE
NAVENDU SHEKHAR SINHA	INFOSYS
NABHIRAI JAIN	ACCENTURE
NEHA GUPTA	DA MILANO
NEHA JAIN	CIPLA
NEHA JASWAL	WIPRO
NEHA MISHRA	WIPRO
NEHA TRIPATHI	CIPLA
NIDHI PARASHAR	WIPRO
NIDHI SHARMA	IG - SOFTWARE
NIDHI VASUDEV	WIPRO
NIKHIL JAIN	WIPRO TECHNOLOGIES
NISHA KUMARI	WIPRO
NITESH GUPTA	WIPRO
NITESH TURKAR	IS - HARDWARE
NITIN BHAGAVA	HCL
NITU GUPTA	WIPRO
PALLAVI SARWATE	IBM DAKSH GURGAON
PANKAJ MISHRA	VECTRA INDIA
PANKAJ MRINAL	IG - SOFTWARE
PARAMJEET S. WALIA	INFOSYS
PIYUSH CHAWLA	IS - HARDWARE (WIPRO)
PRAGATI SINGH	CIPLA
PRAKHAR KU CHANDRA	PUNJLOYD
PRASHANT JAIN	WIPRO
PRASHANT LOHIYA	ESSEL SHYAM COMM.
PRASOON GUPTA	ICTS PRIVATE LTD.
PRATEEK AGRAWAL	SODEL SOLUTIONS MUMBAI
PRATIBHA SINGH	INFOSYS
PRATISHTHA SHARMA	INFOSYS
PREETI GUPTA	WIPRO
PREETI JAIN	WIPRO
PREETI SEN	WIPRO
PRIYANK SHIVHARE	ACCENTURE
PRIYANKA KAMERIKAR	INFOSYS
PRIYANKA NAIR	GODRAJ INDIA PVT. LTD.
PRIYANKA SRIVASTAVA	WIPRO
PUNEET MATAPURKAR	IG - SOFTWARE (WIPRO)
PUNEET SHRIVASTAVA	DSM INDIA PVT. LTD.
PURNIMA RUSIYA	WIPRO
PUSHPENDRA SINGH	WIPRO
RACHITA KANCHAN	IG - SOFTWARE (WIPRO)
RADHESHYAM SHARMA	VIRGO SOFTECH LTD BHOPAL
RAHUL BAJAJ	WIPRO GORAGAON
RAHUL BAJPAI	WIPRO DBA
RAHUL PANDEY	IS - HARDWARE
RAJ KISHORE SINGH GURJA	WIPRO
RAJENDRA GIRI	HCL TECHNOLOGY
RAJESH SINGH RATHORE	IG - SOFTWARE
RAJESHWAR DANGI	COMVIVA TECHNOLOGY LTD.
RAJKUMAR RAGHUWANSHI	IG - SOFTWARE
RAJNEESH SHARMA	RELIANCE
RAKESH KUMAR SINGH	WIPRO
RAKESH YADAV	SUNORIS PVT. LTD.
RAKHI BHADORIA	INFOSYS
RAKHI MAHOR	WIPRO
RAM KUMAR BANSAL	HI TECH.
RAM PRATAP SINGH	SAXWEX COM.INDIA LTD.
RAMAN KUMAR SHARMA	IDEA TELECOM
RAMAN RAI	RELIANCE DELHI
RAMESH PRATAP SINGH	SAVEX COMPUTER INDIA LTD.
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RATRIYA KHATUN	INFOSYS
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RITU KUNDWANI	CIPLA
RITU SHARMA	HCL TECHNOLOGIES
ROHAN AGRAWAL	IG - SOFTWARE
ROHINI KASHYAP	WIPRO
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SACHIN KUMAR OJHA	INFOSYS
SAMAR KHAN	CIPLA
SANJAY KARDA	NEC HCL ST, NOIDA
SANJEEV SHRIVASTAVA	CIPLA
SANTOSH KUMAR PAL	WIPRO
SATEESHPRAJAPATI	WIPRO
SAURABH JAIN	SYNTEL
SEEMA PAL	IS - HARDWARE (WIPRO)
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SHAILJA NIRANJAN	IG - SOFTWARE (WIPRO)
SHALINI BANSAL	WIPRO
SHALINI SHARMA	IG - SOFTWARE
SHAMA KHAN	SPECTRA TELEVENTURES
SHIKHER SAXENA	HCL TECHNOLOGIES, NOIDA
SHILPI MUNSI	WIPRO
SHINJAN NAG	CIPLA
SHIV KUMAR SHARMA	PATNI COMPUTER
SHIV PRATAP S. CHAUHAN	HCL TECHNOLOGIES, NOIDA
SHIVAM SHARMA	PUNJLOYD
SHOBHIT JAIN	DA MILANO
SHRISHIR DUTTA	INFOSYS
SHUBHAM SHRIWAS	WIPRO
SNEHA GUPTA	WIPRO
SNEHA SHARMA	WIPRO
SONIYA DEWANI	IS - HARDWARE (WIPRO)
SOURABH JAIN	SYNTEL SOLUTIONS
SOURABH SHARMA	IG - SOFTWARE (WIPRO)
SRINIVAS SHARMA	WIPRO
SUDHANSHU SRIVASTAVA	WIPRO
SUMIT DUBEY	UNITED POLYFAB PVT. LTD.
SUNEEL SAMBHARIA	CRIS
SUNIL BHARGAVA	WIPRO TECHNOLOGIES
SUNIL PATEL	WIPRO
SUNITA RAJPUT	IG - SOFTWARE
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TARUN KUSHWAH	PUNJLOYED
TARUN SHARMA	PUNJLOYED
UDIT RAWAT	ALOHA TECHNOLOGY
UPASNA	INFOSYS
UTSAV KUMAR SINGH	CHCHET PHARMACEUTICAL
VAIBHAV V TIWARI	PUNJLOYD
VAISHALI SINGH	IG - SOFTWARE (WIPRO)
VAISHALI TRIPATHI	HCL TECHNOLOGY
VARUN RAJWADE	INFOSYS
VIJAYKANT KUSHWAH	CIPLA
VIKASH DUBEY	SATYAM NEW DELHI
VIKESH SHUKLA	WIPRO
VIKRAM RAJPUT	DUCAT
VINAYGARG	TATA MCGRAW-HILL, BHOPAL
VIPUL DIXIT	INTEX TECHNOLOGY INDIA LTD.
VISHAL VINCHURKAR	WIPRO TECHNOLOGY
VIVEK NEGI	WIPRO DBA, MUMBAI
YASHWANT SINGH	WIPRO
YESH KUMAR KHATORIA	DA MILANO

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Cipla

WIPRO
I.T. SERVICES

SEMINARS, WORKSHOPS & INDUSTRIAL VISITS

In today's high tech world everything is getting sophisticated every second. Everyday starts with something new. Irrespective of the field, things are getting advanced. Lots of researches and studies are carried out on various subjects around the world. It may not be always possible to include these updates in the student curriculum.

This is where the seminars are of great importance. GICTS organizes regular Seminars, Workshops and Training Programs aimed at the specified subject knowledge of the specialized kind. These Seminars keep the students updated with the technologies. They provide the latest information about the things that are happening around the world. Inviting eminent personalities who have achieved some feat in their respective fields help the students to interact with present and ongoing advancements.

Dr. D. C. Tiwari Director Engineering Deptt. Jiwaji University Gwalior
on the occasion of Launching of Souvenir (Research Journal of Engineering)
at Anvesh (A Mega Tech-Fest 2011) at GITS Engineering College, Gwalior.

Indian B-School League organized by IIM Indore
our MBA students participated in this league and got 6th position
among 40 Management Colleges of M. P.

Dr. Manoj Patwardhan HOD Deptt. of Management ABV-IITM Gwalior,
Dr. Umesh Holani Director Management Deptt. Jiwaji University Gwalior and
Dr. Kulshrestha Academic Chairman IITTM Gwalior on the occasion of Udghosh (A Mega Management Fest 2011)

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Department of
CAREER SERVICES

Our Career Services Department advises students of career opportunities and can help with their search for a job months before they graduate.

Career and job success workshops are offered, and the students may also attend our annual career fairs. The college staff will help you create a professional resume and sharpen your interview skills. Various employers conduct on-campus interviews throughout the year, in search of qualified students for their companies.

While we are committed to providing a strong academic curriculum, we realize that some of the best learning occurs out of the confines of a classroom. As a result, we've designed courses that include trips to locations around the world under the auspices of the faculty members as part of the curriculum.
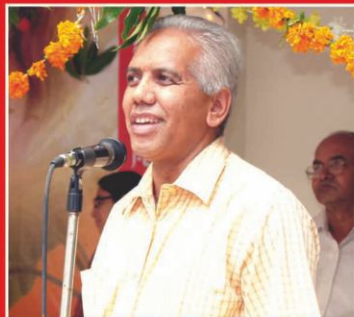
Selected students in Campus

Poster Presentation

A session of PD classes
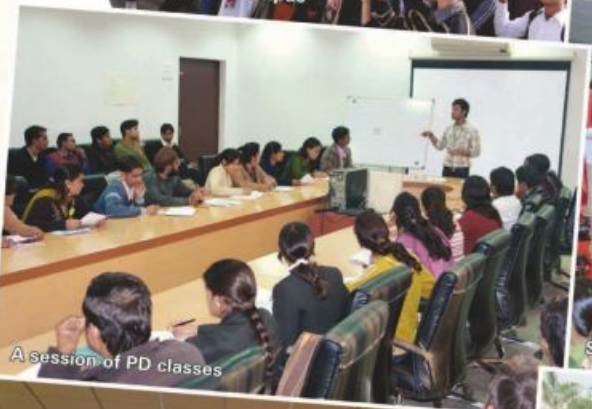
A session of PD classes

Seminar

A camp of Blood Checking

Inter College Quiz Competition

Workshop on Bonsai

Model Presentation

LIVING LIFE TO ITS FULLEST...

Light Moments at a Glance...

Famous poet Surendra Sharma being honored at Hasant-Basant (Akhil Bhartiya Haasya Kavi Sammelan) at GICTS Group of Institutions Gwalior.

Renowned Satvik Veena Rare Talent Pt. Salil Bhatt performing at GICTS Group of Institutions Gwalior.

MTV Roadies anchors Raghu & Rajiv interacting among students at GICTS Group of Institutions Gwalior.

1st Prize of Rs. 25,000/- handed over for National Debate Competition held at GICTS Group of Institutions Gwalior in presence of renowned Social Reformist Mr. Paprikar

Famous poet Pradeep Choubey being honored at Hasant-Basant (Akhil Bhartiya Haasya Kavi Sammelan) at GICTS Group of Institutions Gwalior.

Renowned Santoor Genius Pt. Abhay Sopori performing at GICTS Group of Institutions Gwalior.

Renowned Sufi Singer Ragini Renu performing at GICTS Group of Institutions Gwalior.

"Gotipua" Famous Folk Dance of Orissa being performed at GICTS Group of Institutions Gwalior.

Famous Rajasthani Singers Group (Kalbeliya) performing at GICTS Group of Institutions Gwalior.

BCA first year (Non Maths Students)

BCA second year (Non Maths Students)

BCA final year (Non Maths Students)

BCA Passed-out (Non Maths Students)

BCA Passed-out (Non Maths Students)

BCA Passed-out (Non Maths Students)

"Undoubtedly the biggest institution for BCA studies"

BCA first year (Maths Students)

BCA second year (Maths Students)

BCA final year (Maths Students)

BCA Passed-out (Maths Students)

BCA Passed-out (Maths Students)

BCA Passed-out (Maths Students)

"An approach to life learning teamwork & great fun"

B.Sc. (Biotechnology) first year

BBA first year

B.Sc. (Biotechnology) second year

BBA second year

B.Sc. (Biotechnology) final year

BBA final year

"Teaching methodology to match the expectation of global business modules"

M.Sc. (Biotechnology) first year

M.Sc. (Biotechnology) final year

M.Sc. (Biotechnology) passed-out

M.Sc. (Microbiology) first year

M.Sc. (Microbiology) final year

M.Sc. (Microbiology) passed-out

B.Sc. (Biotechnology) Passed-out

Students of BBA Passed-out

"Nurturing leaders to transform into complete entrepreneurs"

MCA first year

MBA first year

MCA second year

MBA final year

MCA final year

Students of Engineering

"Student community is the soul of our institution"

Students of PGDCA

B.Com. (Computer Applications) first year

Students of PGDCA Passed-out

B.Com. (Computer Applications) second year

Students of Engineering

"Our strength is the solution of all the problems"

Students' OPINION

This institute really teaches me how to live life and more importantly provide me way to face the world. For me it's my second home which gives me sweet memories, sweet buddies, great career which I will never forget whole of my life, this college gives me the atmosphere, the faculty, the training, good education, excellent seminars. Our teachers are very supportive to us. Thanks to my teachers who supported me in getting through in WIPRO INFOTECH.

Vivek Negi
Oracle Database Administrator   Student of BCA (Batch 2005-08)
at WIPRO INFOTECH, New Delhi.   from HIMACHAL PRADESH

It really gives pleasure in writing about a platform that provided me a grace to such an extend that brought me to the position where I am today. GICTS played an instrumental role in imbibing values complemented with the ways of surviving in the tough working environment of today. I can never thank enough for what my college did for me.

Gagan Sharma
Scientist in Division of Molecular Genetics   Student of M.Sc. (Biotechnology)
& Biochemistry at ICMR, New Delhi.   (Batch 2002-04) from ALIGARH

During the journey of life we all will get different milestone. When people see you holding good position they enquire about your journey to success. In my case I will dedicate my success to my college GICTS, they identified and explored a professional hidden within me. My teachers, most of them are still in GICTS guided me, supported me and motivated me in such a way that I was programmed to face the corporate world with confidence and success. Love you GICTS.

Amit Sharma
Associate consultant   Student of BCA (Batch 2000-03)
at ORACLE Financial Services Software, Mumbai   from LAHAR, BHIND

GICTS is one of the best college in Madhya Pradesh region. I had learnt a lot during my graduation time. My IT concepts basics has been developed in GICTS. Few things which I like most in GICTS is (i) Good environment, (ii) Security, (iii) Good faculties and (iv) excellent facilities for learning.

Prasoon Gupta
QA Lead   Student of BCA (Batch 2004-07)
at The Principal Financial Group, Pune   from GWALIOR

Best thing that happen to my learning career is that I landed up in GICTS. When I look back down my memory lane, there are so many unforgettable moments popping-up in my mind. Some of them were exciting, some of them were full of care and some of them intense with emotions. During our stay at GICTS, we were always told by our chairman sir (Mr. Uday Ghatge) that the college comprises not of the building, its walls & ceiling, it is actually made and unmade by its students. We always remembered these words and wherever we went the sense of belonging-ness always remained with GICTS.

Akash Rai
Software Engineer   Student of BCA (Batch 2007-10)
at Siemens PLM Software, Pune   from GWALIOR

Today, I am working with Wipro one of the leading MNC of the country. When I look back to my learning days at GITS, I realize that how strong was the base that was provided to us during our learning days. The training & Placement has always been treated as priority, we have been continuously exposed to the environment that has helped me today in order to cope-up with the professional work force of industry.

Swaroop Singh Panwar
Executive Engineer   Student of BE (CSE) (Batch 2007-11)
at WIPRO Kolkata   from GORAKHPUR

I did my graduation from GICTS passed in 2007, I got selected by TCS through GICTS college campus drive. I am about to complete 5 years in IT industry and now holding position of Team Leader with Syntel consulting Inc. in United States.
I like to say mainly three things about GICTS college, it has skilled faculties, Excellent Technical Lab and last but not the least very good placement opportunities in top IT companies.

Gaurav Mishra
Team lead position   Student of BCA (Batch 2004-07)
at Syntel Consulting Inc. US   from GWALIOR

During our learning tenure at GITS we have been exposed to many real life working environment worth mentioning some of them are Railway Spring Factory and various govt. construction sites across state. It has been a pleasant learning experience as our faculty members always stood by us whenever we had any query in regard with academics or placements.

Sunil Sikarwar
Asstt. Mechanical Engineer   Student of BE (Mechanical (Batch 2007-11)
at Korba Industries, Chhattisgarh   from GWALIOR

Maj. Gen. S. S. Pawar
being welcomed by Chairman GICTS