

Department of Computer Science & Engineering



Mind Mine

Newsletter 



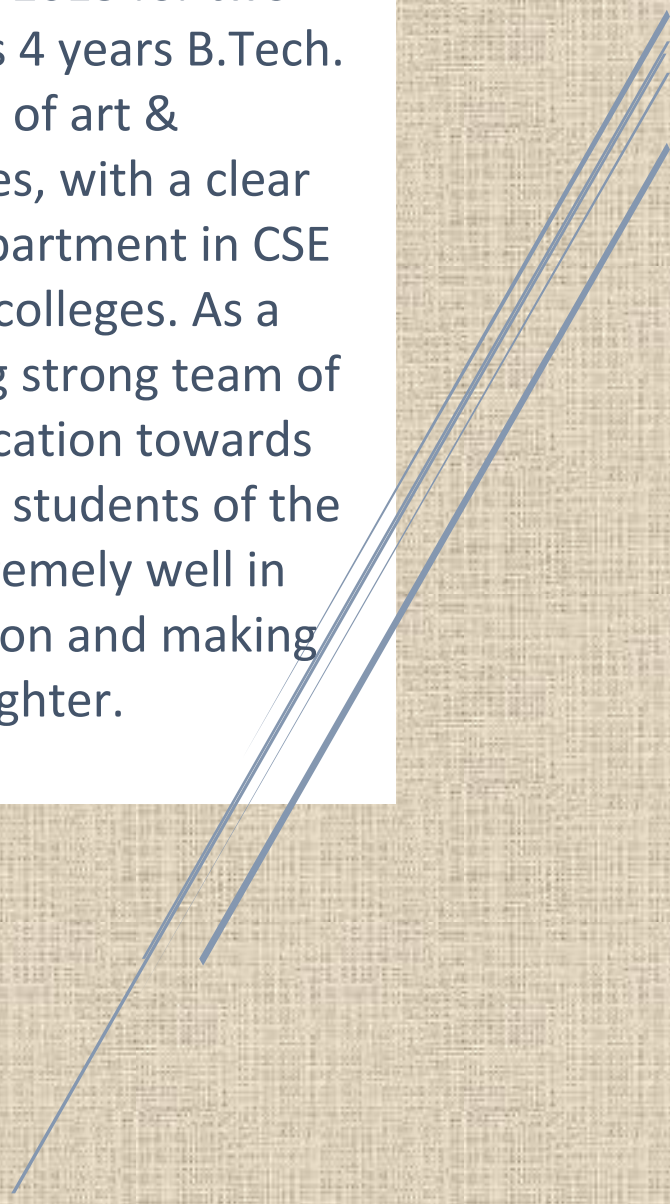
ABSTRACT

This is an annual newsletter, prepared and published by Computer Science department.

We are...

Department of Computer Science & Engg. KIET
Group of Institutions

Department of Computer Science Engineering is accredited by NBA from January'2013 for two years. The Department executes 4 years B.Tech. Degree Course. It is having state of art & worldclass infrastructure facilities, with a clear aim to be known as the best department in CSE among all other Indian reputed colleges. As a wealth the department is having strong team of faculty members with high dedication towards their commitment. The pass out students of the department are performing extremely well in almost-all the leading organization and making the name of the department brighter.

A decorative graphic consisting of several parallel blue lines of varying thicknesses, slanted diagonally from the bottom left towards the top right, positioned on the right side of the page.



To excel in Computer Science & Engineering and making professionals on global front through efficient technical education with socio-economic values.



M1: To achieve a distinguished position in Computer Science & Engineering through innovative teaching learning methods.






M2: To develop strong fundamentals and habit of life-long learning in students to fulfill the needs of Industry and society.

M3: To produce competent and capable computer science engineering professionals and to inculcate spirit of ethical values.

M4: To develop the good communication and leadership skill.

Programme Educational Objectives



	To apply the knowledge of computer science and engineering necessary to formulate, analyze and solving engineering problems and making them employable, capable for higher studies and able entrepreneur.
	To automate the real time applications designing software and hardware systems using modern tools and techniques with full competencies.
	To develop the good communication skills (verbal and written), conducive interpersonal attitude and able leadership qualities.
	To provide quality and worthy services towards their profession and to render with social and ethical values.
	To inherit the attitude of lifelong learning to higher studies, research and latest technological advancement.

Programme Outcomes (POs)

POs	Description
#1	Apply knowledge of mathematics, statistics, computer science, and engineering as it applies to the fields of computer hardware and software.
#2	Identify, formulate, and solve hardware and software problems using engineering principles.
#3	Automate the real time problems, develop various web applications, desktop applications and design and conduct experiments ,implement programs as well as to organize ,to analyze and interpret data.
#4	Design hardware and software systems, components, or processes to meet identified needs within economic, environmental and social constraints.
#5	Use the techniques, skills, and modern Software and Hardware tools necessary for computer engineering practice.
#6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the computer science & engineering.
#7	Understanding the impact of solutions provided by Computer Science & Engineering in social and environmental context.
#8	Understand the professional and ethical responsibility in engineering practice.
#9	Function on multidisciplinary teams, working cooperatively, respectfully, creatively and responsibly as a member of a team.
#10	Communicate effectively by oral, written, and graphical means.
#11	Demonstrate the knowledge and understanding of engineering and management principles in the area of computer science and engineering to manage projects in multidisciplinary environments.
#12	Recognize the need to engage in life -long learning

HOD OF CSE



Computing has transformed our world as we know it in the past two decades and will continue to serve as the core of all technologies in the 21st century. To prepare the future leaders for these innovations, I welcome to the Computer Science and Engineering (CSE) department at KIET Group of Institution.

In this department we believe in Thinking, Innovation and Creativity and prepare future computer scientists, engineers, professionals and responsible citizens to serve the growing demands of computing in the society

We offer a broad range of full-time undergraduate and postgraduate programs to match your academic interest and the market needs. The department also offers an enriching academic environment where our dedicated faculty members offer their best output to the overall growth of students.

Our faculty have contributed intellectually and professionally to the advancement of the research fields with numerous publications in international journals and conferences.

I welcome you to be a part of this journey and please accomplish the best.

Dr. Vineet Sharma

Head, Department of Computer Science and Engineering

Infrastructure

LAB-1

Hardware: HCL LX Infinite 1330, Core 2 Duo, 2.93 GHZ, 320GB Hard Disk, 2 GB Ram, Key Board, Mouse, 17" Colour TFT Monitor (32) HP I5, 3.20 GHZ, 500 GB Hard Disk, 4 GB Ram, Key Board, Mouse, 17" Colour TFT (33) Switch Rack(01), 24 Port Switch(03), Printer (HP P 1606dN) (01), LCD Projector(01)

Software:

Window 7/ Windows 8, MS Office 2007, WinZip, Acrobat Reader, Winzip, Winrar, Star UML, Prolog, CLISP, J2SDK7, XAMMP, Apache Tomcat 7, IBM RSA.



Lab-1 provides facilities for following labs according to University curriculum

LAB-2

Hardware: HCL LX Busybee, Core 2 Duo, 2.80GHZ, 160 GB Hard Disk, 3GB Ram, Key Board, Mouse 15" Colour TFT Monitor (60)

HCL LX Infinite 1330, Core 2 Duo, 2.93 GHZ, 320 GB Hard Disk, 2 GB Ram, Key Board, Mouse, 17" Colour TFT Monitor(10)

Switch Rack (1), 24 Port Switch (04), LCD Projector (01), Printer (HP P1007) (01), Audio System (01)

Software:

Window 7, MS Office 2007, WinZip, Acrobat Reader, Winrar, SWI Prolog, CLISP, J2SDK7, XAMMP, Apache Tomcat 7.



DLD-Lab

This lab contains 30 Nos. of General Purpose Kit for conducting various Digital Electronics Experiments. This Lab also contains 5 Nos. of Microprocessor (8086) Kits for performing various programming experiments.



DLINK-Lab

This lab contains 25 Dal Computers ,i5 4 GB RAM 500 GB HDD, Key Board, Mouse, 17" Colour Tft Monitor, 4 DES-3528/IN -L2, DGS-3620-28TC/INEI -L3,2 DAP-2660, 1 DWC-1000/IN, 2 DWL-8600AP/IN, 1 DWS-4026/A and 2 NWR-9U-5045-GR.

IOS-Lab

IOS lab has been established on Jan 2015 in association with Apple iOS University Programme. The main aim of this lab is to train CSE students to enrich their skills on MAC platform. This centre contains 25 latest MAC machines. The centre is receiving a lot of industrial projects.

AKASH-Lab

This lab contains 12 HCL LX Infinite 1330, Core 2 Duo, 2.93 GHZ, 320 GB Hard Disk, 3GB Ram, Key Board Mouse, 17" Colour Tft Monitor. It has 3 Hp I5, 3.20 GHZ, 500 Gh Hard Disk, 4 GB Ram, Key Board, Mouse, 17" Colour Tft, 1 LCD Projector, 1 Switch Rack, 1 D-Link Acces Point, 1 24 Port Switch

Recognition & Achievement

- Accredited by NBA-AICTE on **12-Sep-2007** for **3** years.
- Accredited by NBA-AICTE **29-Jan-2013** for **2** years.
- Authorized research centre of MTU, Noida, AKTU, Lucknow.

- Remote Center for AKASH Project by MHRD, Govt of India.
- Remote Center of IIT, Kharagpur.
- Remote Center of NTTTR Chandigarh.
- Remote Center of IIT, Bombay

Faculty Details

Total Number of Faculty	: 33
Professor	: 03
Associate Professors	: 07
Assistant Professors	: 23

Qualification and Experience

Highest Qualification	Qualified
Ph.D.	06
M. Tech.	27

Faculty Retention

Experience in KIET	No. of Faculties
Above 10 years	9
Between 5 to 10 years	14
less than 5 years	10
Average Retention	6 yrs

Staff Strength

Lab Technician	: 03
Office Assistant	: 01
Lab / Office Attendants	: 04
Total No. of Supporting Staff	: 08

Faculty Publications

Year	Journal		Conference		Total
	International	National	International	National	
2016	2+ 3*	1*	6+4*	2 *	8+10*
2015	19		11		30
2014	41		26	1	68
2013	36	1	15	3	55
2012	41		11	4	56
2012-16	142	2	73	10	227

Student Achievement

Year	Rank
UPTU Rank Holders (2013-14)	<ul style="list-style-type: none">• 6th Rank Amita Agarwal• 18th Rank Rashi Gupta• 19th Rank Deepika Sharma
UPTU Rank Holders (2014-15)	<ul style="list-style-type: none">• 4th Rank Kanika Bathla• 5th Rank Nimisha Dixit• 8th Rank Sajal Mittal• 13th Rank Ayushi Srivastava• 14th Rank Arushi Rai

Students opted For Higher Studies

Ishu Swami	IIT, Delhi	2015
Kanika Bathla	IIT, Roorkee	2015
Meenal Gupta	MBA, IIT Kanpur	2015
Apoorva Gupta	IMI, New Delhi	2015
Shubhi Tewari	IIM, Indore	2015
Joshwa Thakral	IMT, Ghaziabad	2015
Pranshul Rastogi	M.Tech , MNIT, Allahabad	2014
Aishwarya Singh	MBA, MDI, Gurgaon	2014
Mohit Singhal	MBA, DCE, New Delhi	2014
Rini Jain	University of Southern California	2014
Ayushi Kumar	Indian Institute of Foreign Trade, New Delhi	2014
Amita Aggarwal	IIT Kanpur	2014
Ashutosh Tiwari	M.Tech. IIT Kanpur	2013
Kumidinee Yadav	MBA, IIM Lucknow	2013
Shivank Sharma	University of Melbourne, Australia	2013
Archana Shokeen	IIT Guwahati	2013
Ayush Goel	Deakin University, Melbourne	2013
Vishal Sharma	University of Illinois at Chicago	2012
Shivanshu Jaiswal	MBA(IIM Kashipur)	2012
Anjul Pratap Singh	PGDIE, Delhi University	2012
Anurag Rai	PGDM, IIM Raipur	2012
Amit Kr.	M.Tech., IISC B'lore	2012

Student Publication

- Total International Journals =18
- Total International conferences=14

Other Activities

- Computer Science Engineering And department regularly organizes guest lectures by distinguished faculty members of reputed Institutes like IITs, NITs, DTU, NSIT & Government Institutes on different technological aspects for faculty members as well as students.
- The department of Computer Science Engineering always highlights the need of industrial exposure to students.

Hobby Clubs

- Embedded Systems Club
- Android Hobby Club
- Java Club
- PHP/MYSQL Club
- Oracle Club
- IOS Club
- Python hobby Club
- C,C++ Data Structure Club
- Videology

Workshops/Seminars/Conferences Organised

- Total Conferences =2
- Total FDP organised =21
- Total Workshop =11
- Total Seminar =16

Industrial Visits

S.No	Academic Year	Name of Industry	Date of Visit	Targeted Students	No. of Students
1	2016-17	India Expo Center & Mart , Greater Noida	22-04-2016	B.Tech.	29
2	2015 -16	ALTTC , Ghaziabad	12-03-2016	B.Tech.	50
3	2014 -15	One.com	04-06-2015	B.Tech.	6
4	2012-13	IBM	28-02-2013	B.Tech.	8
5	2011 -12	NIC,New Delhi	28-04-2012	M.Tech	12

Training & Placement Activities

The Institute prepares its students for purpose of full time employment on the completion of degree program. Apart than regular course study, we also conduct specialized trainings and workshops to groom the analytical, technical and behavioral skills of the students.

Our placement record has been encouraging and continuously improving. Last year more than 60 companies visited our campus. Major Software Giants like **Snapdeal, Ion Trading, Tricon, TCS, NewGen, Amazon, E2E research, Samsung, Tech Mahindra, HP, onedotcom** and many more are the regular recruiters for our students. In addition, our students are regularly placed in most reputed Government Organizations like **IES, SAIL, NTPC, BSNL, BEL, PGCIL & GAIL** etc.

Year	Total Students	Eligible Students Throughout 60%	No. of Campus Placements	Campus Placement %
2011-12	127	108	100	93%
2012-13	128	118	73	60%
2013-14	129	104	104	100%
2014-15	206	168	199	118.5%
2015-16	216	172	161	93.6%

Year	Average Salary	Maximum Salary (in Lacs pa)	Company Name offering Maximum Salary
2013	2.91	6.90	Indian Navy
2014	3.10	14.00	Adobe
2015	3.17	9.8	Whyable Technologies
2016	3.33	5.00	MAQ Software