



Mission

The Siksha 'O' Anusandhan (Deemed to be University) will be a leading institution of higher learning in its chosen areas of concentration preparing future generations through quality teaching and innovative research and will emerge as a comprehensive and socially inclusive University in the country for professional advancements in related disciplines.

Vision

- Educate students to become responsible, enlightened, and productive citizen;
- Conduct scholarship and promote entrepreneurship that improve the human condition;
- Serve business, education, government, health care systems, and community; and
- Enhance the cultural environment of the region.

Goals

- To develop research and teaching programs of the highest quality in emerging and innovative fields,
- To serve the communities through innovative programs in teaching, research, training, continuing education, health care and extension service,
- To be ethical, with a commitment to justice, culture, democratic principles, and the environment.

GOVERNMENT RECOGNITION & ACCREDITATION

Came into Existence : 11th December 1995

UGC

- GRANTED DEEMED TO BE UNIVERSITY STATUS UNDER SECTION 3 OF THE UGC ACT, 1956 VIDE NOTIFICATION NO. : F.9-33/2002/U.3 DATED 17TH JULY 2007.

NAAC

- Accredited (1st cycle) by NAAC with 'A' grade - 2009-2014
- Accredited (2nd cycle) by NAAC with 'A' grade (highest grade under the old system)- 2015-2020

NIRF
2020

- 20th Best University as per NIRF India Rankings 2020, MHRD, Govt. of India.

NIRF
2019

- 24th Best University as per NIRF India Rankings 2019, MHRD, Govt. of India.

NBA

- 5 Engineering programmes has been accredited i.e. CSE, CE, ECE, ME & EE by NBA, Govt. of India.

MAJOR RANKINGS & RECOGNITIONS

NIRF - 2020

- Ranking (University) - 20
- Ranking (Engineering) - 34
- Ranking (Medical) - 23
- Ranking (Dental) - 12
- Ranking (Overall) - 38
- Best University in Odisha
- Youngest Deemed to be University in Top 25 Universities - India

QS Asia University Rankings- 2020

Ranked in 401-450 ranking bracket

Career - 360

10th in the country among private Universities

QS World University Rankings- 2020

- 9th - Indian Private Institutions
- 49th - Indian Institutions



SOA is the only University in eastern India to achieve the highest rating (Diamond) by QS-I-GAUGE

SOA is the only University in eastern India to get QS IGAUGE E-LEAD (E-Learning Excellence for Academic Digitization) for conducting online teaching-learning during Covid-19 lockdown.

OTHER RANKINGS & AWARDS

Swachhata Ranking:

SOA has been ranked 5th (UGC Residential University category) in 2019 and ranked 3rd (Technical Institution category) in Swachhata Ranking 2018.

Times Business Awards-2020

SOA has been conferred with the 'Most Revered University in Eastern India' by the Times of India.

Career 360 Ranking - 2020

SOA has been ranked 10th in the country among private universities

Times Engineering Ranking - 2020

SOA has been ranked 1st in Odisha and 23rd in the country.

Outlook-ICARE India University Ranking:

SOA has been ranked 15th among Deemed to be University category in 2019

E-LEAD (QS-I-GAUGE)

Awarded with E-Learning Excellence for Academic Digitization

GLOBAL ACCREDITATION

ABET (Accreditation Board for Engineering and Technology)



ABET

- **Fourth** institute in the country to get its programs accredited by ABET, USA.
- **Accredited Disciplines:** Mechanical Engineering, Electrical Engineering and Electronics and Communication Engineering.
- **The basis of evaluation for ABET Accreditation:** Quality of students, Program Educational Objectives, Student Outcomes, Continuous Improvement, Curriculum, Faculty, Facilities and Institutional Support.

GLOBAL ACCREDITATION

ABET (Accreditation Board for Engineering and Technology)



ABET

ELECTRICAL ENGINEERING, BACHELOR OF TECHNOLOGY

Accredited, 10/01/2015-
Present

Date of Next Comprehensive
Review:

2022-2023

Accredited By:

Engineering Accreditation
Commission

Criteria:

Electrical and Electronics
Engineering

ELECTRONICS AND COMMUNICATION ENGINEERING, BACHELOR OF TECHNOLOGY

Accredited, 10/01/2015-
Present

Date of Next Comprehensive
Review:

2022-2023

Accredited By:

Engineering Accreditation
Commission

Criteria:

Electrical and Electronics
Engineering
Communication Engineering

MECHANICAL ENGINEERING, BACHELOR OF TECHNOLOGY

Accredited, 10/01/2015-
Present

Date of Next Comprehensive
Review:

2022-2023

Accredited By:

Engineering Accreditation
Commission

Criteria:

Mechanical Engineering

Source:

<http://main.abet.org/aps/AccreditedProgramsDetails.aspx?OrganizationID=11681&ProgramIDs=>

RECOGNITIONS & AWARDS

Based on NIRF India Ranking Findings, MHRD, Govt. of India

- 7th Best Deemed University & 5th Best Private Deemed University - 2017
- The Youngest Deemed University figured in Top 20 Best Universities - 2017.
- “The Best Institution/University in Odisha” - 2017 & 2016
- Placed in “TOP 20 Best Universities in India” - 2017 & 2016

NABL accreditation

- IMS & SUM Central Laboratory with the standard ISO 15189:2012 in the field of Medical Testing.

CSR Awards

- CSR Eminent Director of leading Institutes Award- 2017
- CSR Excellence in Education Award - 2017, 2016, 2015, 2014 & 2013
- CSR Top Institutes of India Award- 2017
- CSR Top Hotel Management Institute of India to Faculty of Hospitality & Tourism Management - 2017, 2016, 2015 & 2014

Other Awards

- Confederation of Indian Universities, New Delhi: SOA for National Education Excellence Award -2016

Times Health Survey (All India Critical Care Hospital Ranking Survey) for Faculty of Medical Sciences (IMS and SUM Hospital)

- 5 departments ranked 1st in Odisha, 3 departments are amongst top 3 in Odisha and 5 departments are amongst top 8 in eastern region, India and 3 departments are amongst Top 20 Nationally in 2020.
- 5 departments ranked 1st in Odisha, 3 departments are amongst top 2 in Odisha and 6 departments are amongst top 5 in eastern region, India in 2019.

Recognitions of Faculty of Dental Sciences (Institute of Dental Sciences) as one of the Best Dental institute of the region

- Institute of Dental Sciences ranked 11th among Private Dental colleges in India, 16th among all Govt. & Private Dental colleges in India by The Week in 2019.
- Institute of Dental Sciences ranked 9th in the Times Health Survey Nationally & 1st in the Regional Rankings for consecutive two years.
- Institute of Dental Sciences was ranked 33rd amongst all Dental colleges by Outlook, India's top professional colleges, 2019.
- Institute of Dental Sciences had created a record in the India Book of Records and Asia Book of Records for conducting the largest community based free Oral Cancer Screening program on the eve of World Cancer Day. Screening a total of 1342 patients on a single day in sixteen villages of Odisha. It was also chosen as the top 100 record of 2019 by India book of records.

EVOLUTION OF SOA

ITER

(Institute of Technical Education and Research)

Faculty of Engineering & Technology

1996

IBCS

(Institute of Business and Computer Studies)

Faculty of Management Sciences

1997

SNC

(SUM Nursing College)

Faculty of Nursing

2004

SHM

(School of Hotel Management)

Faculty of Hospitality & Tourism Management

2004

SPS

(School of Pharmaceutical Sciences)

Faculty of Pharmaceutical Sciences

2004

IDS

(Institute of Dental Sciences)

Faculty of Dental Sciences

2006

IMS

(Institute of Medical Sciences)

Faculty of Medical Sciences

2007

SNIL

(SOA National School of Law)

Faculty of Legal Studies

2011

IAS

(Institute of Agricultural Sciences)

Faculty of Agricultural Sciences

2013

ITER - INSTITUTE OF TECHNICAL EDUCATION & RESEARCH (FACULTY OF ENGINEERING & TECHNOLOGY)



DEPARTMENTS, RESEARCH CENTRES & RESEARCH LABS @ ITER

DEPARTMENTS

- Civil Engineering
- Computer Science and Engineering
- Computer Science and Information Technology
- Computer Application
- Electrical Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Physics
- Chemistry
- Mathematics
- Humanities and Social Sciences

RESEARCH LABS

- Material Characterization Lab
- Nano Material Processing Lab
- Micro Electronics Lab
- Semi Conductor Research Lab
- Magnetic Thin Film Lab
- Multifunctional and Advanced Materials Research Lab
- Image and Video Analysis Lab
- Analytical Chemistry Research Lab
- Environmental Engineering Research Lab
- Renewable Energy Lab
- Alternative Fuel and Energy Lab

RESEARCH CENTRES

Centre of Excellence in Theoretical & Mathematical Sciences

Centre of Excellence in Biomechanical Sciences

Multi Disciplinary Research Centres

Centre for Nano-Science & Nano-Technology

MEMS Design Centre (NPMAS)

Centre for Applied Mathematics & Computation

Biofuel & Bio Processing Research Centre (BBRC)

PROGRAMMES OFFERED @ ITER

Under Graduate Programmes :

A) B.Tech (4 years)

1. Civil Engineering
2. Computer Science & Engineering
3. Computer Science & Information Technology
4. Electrical Engineering
5. Electrical & Electronics Engineering
6. Electronics & Communication Engineering
8. Mechanical Engineering

B) Post Graduate Programmes: M.Tech (2 years)

1. VLSI Design & Embedded Systems
2. Microelectronics
3. Structural Engineering
4. Geotechnical Engineering
5. Power Electronics & Drives
6. Energy Technology & Management
7. Renewable Energy Engg. & Management

8. Communication System Engineering
9. Digital Signal & Image Processing
10. Power Systems & Power Electronics
11. Computer Science & Informatics
12. Thermal Science & Heat Power Engineering
13. Manufacturing Sciences & Engineering
14. Mechanical System Design
15. Computer Science & Engineering
16. Computer Science & Data Processing
17. Material Science & Technology
18. Environmental Science & Technology
19. Biotechnology

C) Post Graduate Programmes: M. Sc. (2 years)

1. Nano Science & Nano Technology
2. Chemistry
3. Physics
4. Mathematics

D) Master of Computer Application (MCA) (3 years)

E) Ph.D. Programmes In Engineering / Technology, Science, Humanities & Social Sciences

RESEARCH CREDENTIALS

Research Paper Publications

Indexed in Scopus :	: 6222 nos.
Indexed in Other databases:	: 1050 nos.
Non-Indexed	: 94 nos.
TOTAL	: 7366

h-index (SCOPUS) : 60

Research Publications

Monographs	: 02 nos.
Chapters in Books	: 184 nos.
Books edited	: 05 no.
Books with ISBN	: 158 nos.

Novel Gene Sequences : **515 Nos.**
Submitted to NCBI

Research Projects

Externally funded: (Ongoing & Completed)

- 188 nos. : Rs. 3247 Lakhs

In-House funded:

- 16 nos. : Rs. 23 Lakhs

Patent Applications filed/ published

Indian Patents Filed	: 186
Indian patents Published	: 67
Patent Granted	: 12
Indian Design Granted	: 08

144 nos. of Faculty members are continuing in different capacity in the Editorial Boards of various **135** nos. of National and International journals/Publishing Houses.

TEACHING-LEARNING

- Non-negotiable Academic Calendar
- Lesson Plan
- Conduct of timely examination, evaluation and publication of results
- Learning Management System - Moodle
- NPTEL Online Video Lectures & MIT Open Courseware
- Piazza - An online question and answer / discussion board developed by Stanford Alum to facilitate interaction among student and faculty.
- Audio-Visual facilities in class rooms
- Special coaching for slow and advanced learners

TEACHING-LEARNING

CURRICULUM

- Outcome-based Learning
- Bloom's Taxonomy is followed
- Mapping of Programme Outcomes against Educational Objectives and other Academic Goals.
- Focused Research in Thrust Areas
- Built in mechanism to ensure adherence to Regulatory boundaries

INTEGRATED CAREER DEVELOPMENT

- Promotion of Entrepreneurship
- ISR activities involving students, faculty and staff
- Blending of Curricular, Co-curricular and Extra-curricular activities for professional advancement
- Identification of focus areas
- Academia-Industry blending
- Placement assistance
- Career mentoring

IT INFRASTRUCTURE

• Licensed Software :

- Windows 2010
- MatLab
- Norton Antivirus
- COMSOL
- Windows Server 2008 & 2012
- MasterCAM
- ANSYS
- SOLIDWorks
- Multi-SIM
- Tanner Tools
- Libsys
- LabView
- Turnitin

• Licensed Software :

- AutoCAD 2015
- Revit 2015
- BECN Global Bundle (including 9 different softwares Microstation, Mxroad, Power Civil, Bentley Map, Power Rebar, AECO Sim Building Designer, Water Gems, Sewer Gems, Storm CAD
- MIMIC

•Open Resource Softwares :

- Ubuntu Open/Libre office
- D-space
- Civil 3D 2015

IBCS - INSTITUTE OF BUSINESS AND COMPUTER STUDIES (FACULTY OF MANAGEMENT SCIENCES)



LAB FACILITIES @ IBCS

Computer Lab

The institute is well-equipped with a state-of-the-art computer lab.

Computing environments: DOS; LINUX/UNIX; WINDOWS

Hardware: IBM Netfinity Server (Pentium) with LAN, and UNIX

Internet facility having radio link of **10 MBPS** is available to all the students. The whole campus is Wi-fi enabled.

Banking Simulation Lab

This simulation lab is designed to give students better exposure to work in a banking function.

It is designed to risk key banking issues and explore basic banking operation.

The simulations consists of the following: Preparation, Decision Making & Review

Communication Lab

The Communication Lab is equipped with state of art facility to help the students to get them ready as per the industrial demands.

Library

The institute's library is fully automated and well stocked with various titles of books in all areas of Management Science, Computer Sciences, Social Sciences, Communication, Hospital Administration and Personality Development. There is an e-library connected with EBSCO-HOST and e-journal system.

PROGRAMMES OFFERED @ IBCS

MBA

The University is offering post graduate degree in management. This course is designed keeping in view the current market dynamics. The institute is offering specialization in:

1. Marketing
2. Finance
3. HRM & Operation Management

Masters in Hospital Administration (MHA)

The University is offering Masters in Hospital Administration. To cater to the health sector the University is successfully running the programme.

Ph.D in Management

The doctoral programme offers an opportunity to scholars to do research in the emerging field of management studies. It is a full time Ph. D Programme.

TRAINING & PLACEMENT

Objectives & Activities:

1. **Career Guidance & Personality Development**
2. **Training & Competency Development**
3. **Internship & Placement**
 - Liaisoning & Organising Campus Recruitments.
 - Arranging Internship With Leading Companies.
 - Arranging In-plant Training With Leading Companies.
 - Organising Industry Specific Training Programs
 - Establishing And Maintaining Effective Corporate Relations.
 - Making Available Counseling And Career Development Services To Students.
 - Conducting Coaching Classes For GATE, GRE, IES etc In The Campus.

CAREER COUNSELING AND GUIDANCE

- To facilitate placement.
- To impart leadership skills.
- To provide employable skills to all the students to match the expectations of the corporate world.
- To plan and implement Integrated Personality Development Programmes including Campus Recruitment Training starting from First Year.
- To arrange lectures / seminars / interactive sessions by Technical & HR experts of top organizations.

CAREER COUNSELING AND GUIDANCE

Objective: To focus on proficiency and competency skills of every student and to drive them towards the attitude for learning and adaptable to the changing technologies. To make the students well enabled with the proper degree of ethics, integrity and discipline.

- Strong focus on Aptitude (Reasoning / Quantitative / English etc) by arranging special sessions throughout the year to get the students competent for online tests conducted
- Soft skills (Attitude / GD / PI) sessions delivered by highly proficient professionals from the industries
- Enhancement of coding skills (Focus: Data Structure and Algorithm) of the students by the certified professionals leading to high competency in problem solving skills (throughout the year)
- Summer Internship program in the areas: Machine Learning, IoT, Data Science by the third party academic partners of Microchip, Cypress Semiconductor, IBM
- Strong motivation for the students to actively participate in the Hackathon Challenges PAN India
- To arrange lectures / seminars / interactive sessions by Technical & HR experts of top organizations intermittently

MAJOR RECRUITERS (ENGINEERING)

2019



MAJOR RECRUITERS (ENGINEERING)

2020



MAJOR RECRUITERS (MANAGEMENT)

KKR
Khimji Ramdas

Flipkart



KARVY
KEEP GROWING

adani

FEDERAL BANK
YOUR PERFECT BANKING PARTNER



JINDAL
STEEL & POWER



EVEREST

**CEASE
FIRE**

IndusInd Bank

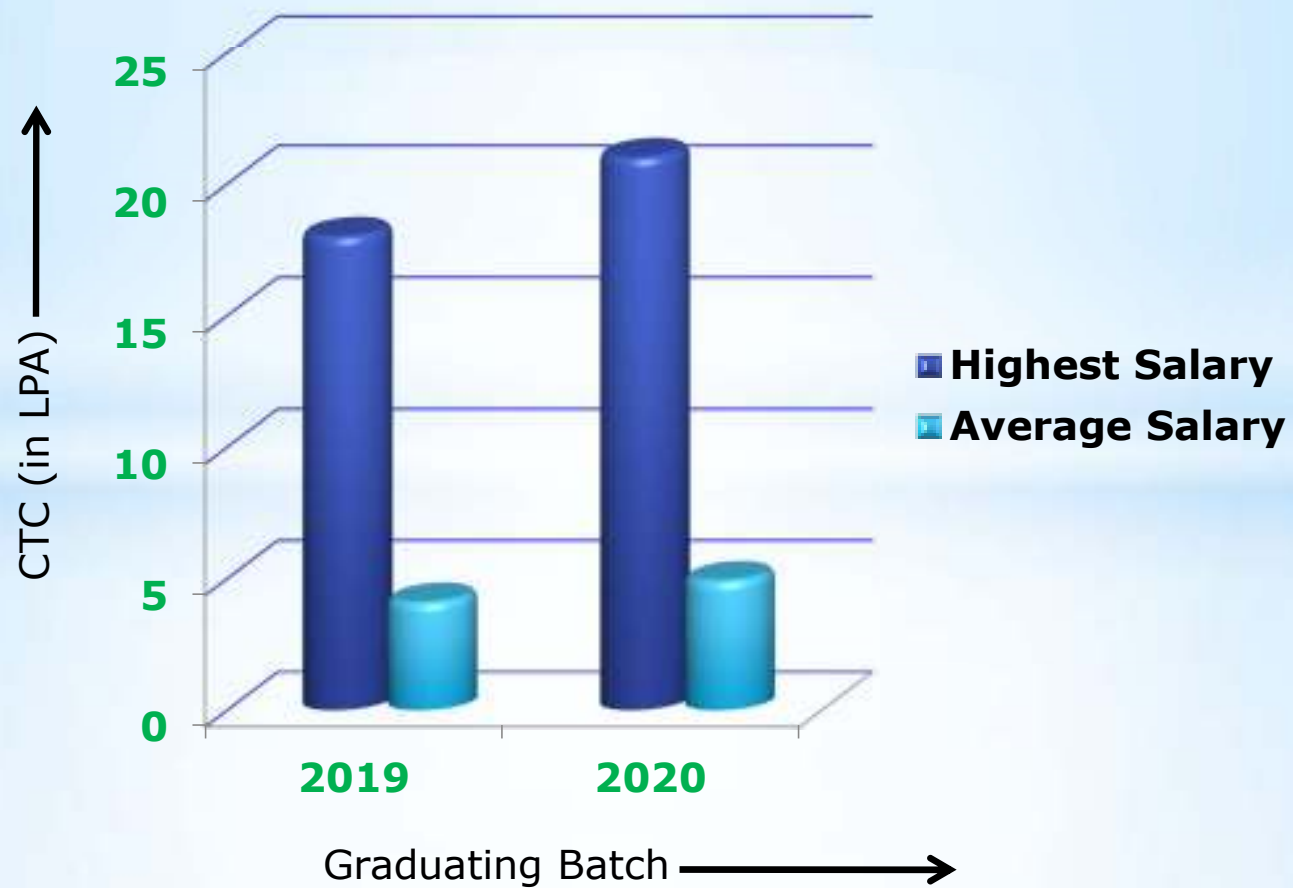
HDFC BANK

jaro
education™
ISO 9001:2008 Certified

**NET
CONNECT**

Godrej

PACKAGE OFFERED (in LPA)

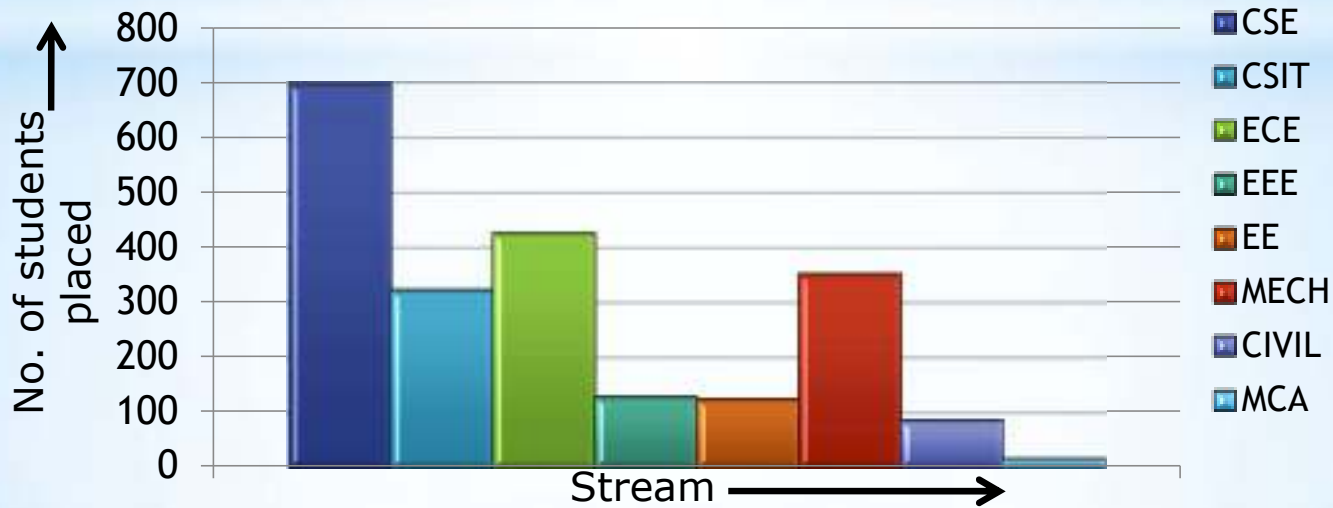


PERFORMANCE - CAMPUS RECRUITMENT - ENGINEERING

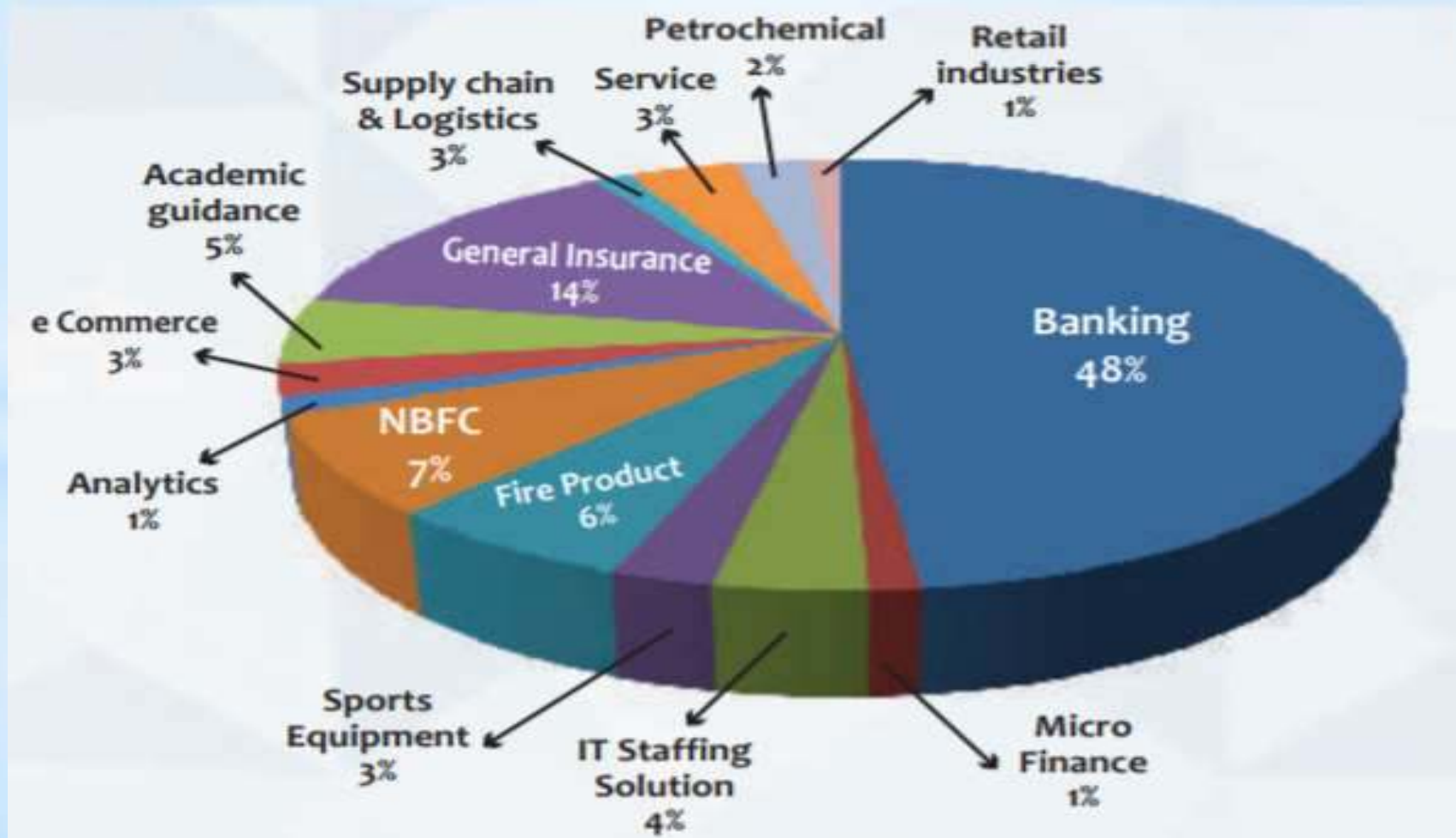
2019



2020



PERFORMANCE - CAMPUS RECRUITMENT - MANAGEMENT



ACHIEVEMENT - STUDENTS

ITC-InfoTech Hackathon -
2019, Bangalore



**Innovation :- Carbon dioxide
level indicators in cars**

Awards Received:-

- * 2013- **IGNITE AWARD** by National Innovation Foundation of India
- * 2017-Festival Of Innovation
- * 2019- Grassroots Award



ACHIEVEMENT - STUDENTS



THANK YOU!