BANGALORE UNIVERSITY

NAAC Accredited with A++

Placement Brochure
2022-23

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Training and Placement Office,
Bangalore University, JB Campus.
Bengaluru - 560056.

Contents

About Bangalore University

- Bangalore University was established in July 1964 as an offshoot of the University of Mysore.
- Located in Bangalore, known as the "I.T. Capital of India".
- Initially comprised of the Central College and the University Visvesvaraya College of Engineering.
- Introduced Honours Courses in 1965-66, attracting brilliant students.
- Expanded to include numerous affiliated colleges, P.G. Centers, and diverse programs.
- Campus is named 'Jnana Bharathi,' which is spread over 1100 acres.
- Accredited with 'A++' Grade by NAAC.
- Recognized as one of the Asia's largest universities.
- Offers courses across six faculties: Arts, Science, Commerce & Management, Education, Law, and Engineering.
- Established MOUs with national and international institutions.
- Strives to provide quality education and contribute significantly to higher education.
- 'Jnana Bharathi' campus houses various departments, directorates, and support services.

- Ranked among the top multi-disciplinary universities in India and BRICS nations.
- Aims to excel in humanities, social sciences, law, commerce, science, and technology.
- Continues to make substantial contributions to higher education and research.

- Vision to provide accessible and quality education to a vast student population.
- Organizes endowment and extension lectures, and publishes issues of contemporary relevance.
- Emphasizes teaching and research in areas with social relevance.
- Emblem: 'JNANAM VIGNANA SAHITHAM' symbolizes its mission and goals.

From the Vice Chancellor's Desk

Prof. Dr. Jayakara S M
Vice-Chancellor , Bangalore University

Bangalore University is an unique establishment in the country for its focus on technical skills, research and teaching from the undergraduate to doctoral levels. We aim to establish ourselves as a premier institution with cutting-edge research and training facilities for young minds to take up the evolving challenges. Our Institute has been awarded with "A++ Grade" by NAAC.

Firstly, being a renowned institution, we have the advantage of positioning our curriculum such as to address the latest technical trends and advancements in various industries. In the fast-changing and competitive world, agility at the institutional level will be a critical factor in determining performance and value addition in a highly competitive environment.

Secondly, we take pride in our students, the different geographies and cultures they represent, the range of technical experiences that they bring to bear on the classroom discussions, and most importantly, the enrichment that their respective thought processes bring to an overall teaching- learning experience.

The best way to nurture to have in place a relevant, forward-looking curriculum. This we achieve by having a rigorous focus on technical skills, encompassing theoretical knowledge and hands-on practical applications. Our curriculum, shaped by experts in various technical domains, specifically prepares students for careers in diverse sectors, including software development, data science, engineering, and technology consulting. It further permits for specialization in the later two years of the undergraduate portion of the degree, and the final year of the postgraduate degree through a wide range of well-crafted elective courses. Added to this, they also receive real-world training through internships in leading institutions.

With the increasing demand for technical skills and with growing advancements in technology, we are confident that our students are well-trained and well-prepared to meet these challenges head-on.

I wish them all the very best for their future endeavors and career placements.

Infrastructure

Bangalore University is a prominent public university in Bangalore, Karnataka, India. Its infrastructure includes a sprawling campus with academic buildings, libraries, administrative offices, hostels, sports facilities, and open green spaces. The university has well-stocked libraries and administrative offices to manage operations. Separate hostels are provided for male and female students, and sports facilities encourage physical fitness. Auditoriums and seminar halls facilitate academic and cultural events. Research centers and institutes support specialized study and research. IT infrastructure includes computer labs and internet connectivity. Transportation facilities are available for commuting.

Campus

The campus houses multiple academic buildings that are home to various departments, schools, and colleges. These buildings are designed to accommodate classrooms, laboratories, research facilities, seminar halls, and faculty offices. They are equipped with modern amenities to support academic activities.

Departments

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

DEPARTMENT OF ELECTRONIC SCIENCE

DEPARTMENT OF MATHEMATICS

DEPARTMENT OF STATISTICS

Library

Bangalore University Library operates from two campuses Jnana Bharathi and Central College Campuses. Total collection of University library exceeds 3,36,000 books and 175 current periodicals, which include 8,554 Theses and Dissertations. BU Library is getting 7,500 online journals under UGC-INFONET Programme, has extended R3 access of teachers and Ph.D. students.

Sports Facilities

The students of Bangalore University Colleges have excelled not only in studies but also in Sports. The Directorate of Physical Education has successfully conducted Inter-Collegiate Tournament for Men and Women in 74 disciplines. In the above events, Bangalore University sports persons have won 04 Gold, 04 Silver and 02 Bronze medals.

Bangalore University was the runners-up in the 2013-14 Aquatic Championship held at Calcutta University and Mr. Rohit Havaldar of Presidency College was the individual champion. He and Mr. Chethan B. (High Jump) of Government First Grade College, K R Puram have been selected for the World University Competitions held at Kazan, Russia, from 6th to 18th July, 2013; In Hockey, Bangalore University Men qualified for the All India Inter-Zone Hockey Tournament and have secured the 3rd position in the South Zone championship. Mr. S. K. Uttappa of St. Josephs Commerce College, Hockey player participated in the London Olympics. Mr. R. N. Suraj of Surana College got selected for the World Universities Badminton championship held in Korea.

Research Centers

Bangalore University hosts research centers and institutes focusing on specialized areas of study and research. These centers provide infrastructure and support for faculty and students engaged in research activities. They promote interdisciplinary collaboration and innovation.

IT Infrastructure

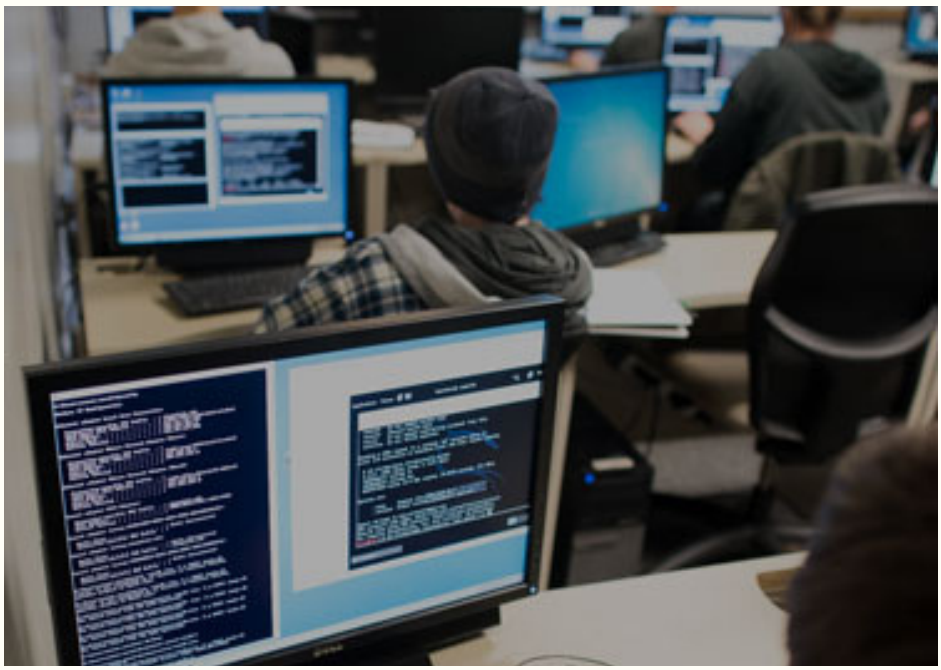
The campus is equipped with IT infrastructure to meet the technological needs of the university community. It includes computer labs, internet connectivity, Wi-Fi access, and digital resources. These facilities enable students and faculty to access online databases, conduct research, and enhance their technological skills.

Auditoriums and Seminar Halls

To facilitate academic and cultural events, the campus includes spacious auditoriums and seminar halls. These venues are equipped with modern audiovisual systems, making them suitable for conferences, seminars, workshops, lectures, and performances. They serve as platforms for intellectual discussions and cultural celebrations.

About Departments

Department of Computer Science and Applications



The Department of Computer Science and Applications established in the year 1986 with Post Graduate Diploma course in Computer Science. MCA programme was introduced in 1989 and M. Sc course in Computer Science was introduced in 2006.

Prof. Tikekar, Dr. Sudha Murthy, Dr. Srinivas Bhogle, and Prof. D.K. Subramanyam were some of the eminent visiting professors.

The Department has revised M.Sc. and MCA Syllabus in 2021-22 following the CBCS Syllabus. It has performing well in Research with 65 publications in Scopus indexed journals in the last five years. 27 foreign students are studying/studied in the department in the last 5 years. Most of the students from the department have got place in good companies.

The Aim of the department is to provide the following:

- To introduce the world of technology.
- Leadership quality among students.
- Quality education.
- Theoretical knowledge with practical skills.
- Event management.
- Communication and so on.

Faculty

Dr. Muralidhara B L, MCA, Ph.D, PGDCLCF
Professor and Chairman

Dr. Hanumanthappa M, MCA, M.Phil, Ph.D
Professor

Dr. Somashekar M T, M.Sc, Ph.D
Associate Professor

Mr. Ambrish G, M.Tech, NET, KSET
Guest Lecturer

Ms. Sai Geeta, M.Sc, M.Phil, KSET
Guest Lecturer

Ms. Varalakshmi N, M.Tech, NET, KSET
Guest Lecturer

Core Subjects

Art of Programming
Artificial Intelligence
Data Structure
Theory of Computation
Operating System
Database Management System
OOPs(Java)
Java Script-Web Development
Python
Software Engineering
Design and Analysis of Algorithm
Discrete Mathematics
Computer Networks
Research Methodology
Problem Solving Techniques using C

Electives

Machine Learning
Cloud Computing
Big Data
Programming the Web
Cryptography and Network Security

About Departments

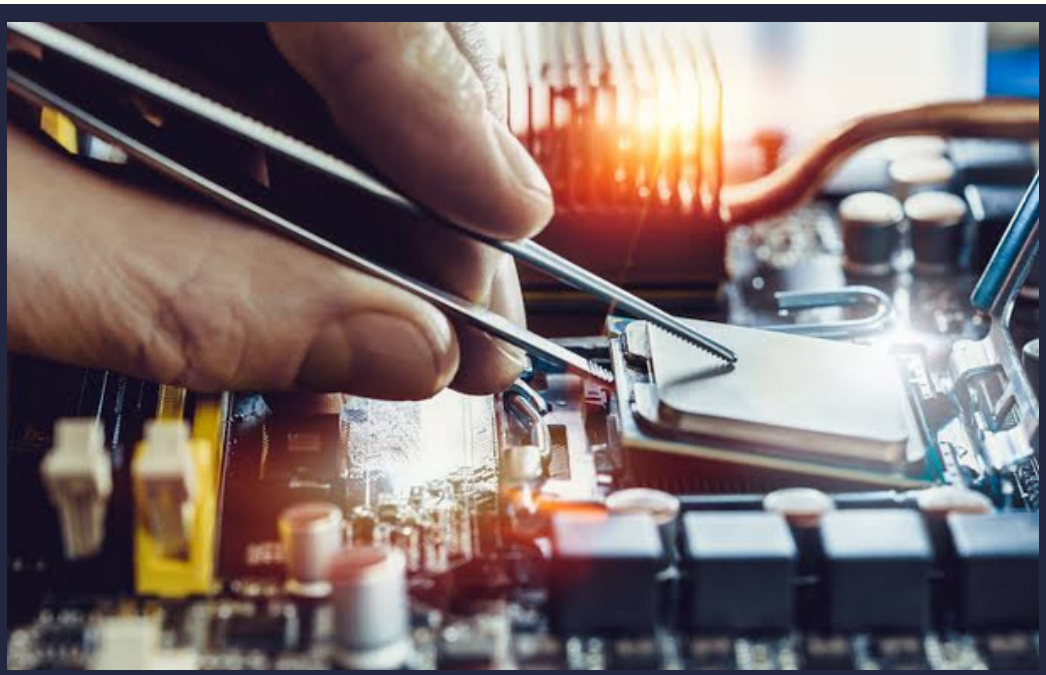
Department of Electronic Science

The Department of Electronic Science was established in 1992 with initial funding from DOE and UGC. The department has been entirely supported by the State Government since 1997. The major focus of the department is to create a high-quality human resource and conduct cutting-edge research in electronic science. It is one of the leading departments in India for training students in the field of electronics.

Our students are well-trained in a wide range of electronic science topics, including semiconductor devices, network analysis and synthesis, power electronics, C/C++, microprocessors and microcontrollers, microwave engineering, digital system design, VHDL, VLSI, communication systems, digital signal processing, high power devices, instrumentation, and control system design.

In addition to their theoretical knowledge, our students also have extensive practical experience. They have completed a rigorous curriculum that includes a variety of labs, projects, and internships. This experience has given them the skills and confidence they need to succeed in the workplace.

Our students are also highly motivated and driven. They are eager to learn and to make a difference in the world. They are also team players who are able to work effectively with others.



Faculty

Dr. J T Devaraju, M.Sc, Ph.D
Professor

Dr. H M Mahesh, M. Sc, Ph.D
Professor

Dr. Manjesh, M.Sc, Ph.D
Professor and Chairman

Dr. S Anuradha, M.Sc, Ph.D
Associate Professor

Dr. B Satyanarayana, M.Phil , Ph.D
Assistant Professor

Dr . Jai Kumar, M.Sc, Ph.D
Guest Lecturer

Dr. Nilima Dhabade, M.Tech , Ph.D
Guest Lecturer

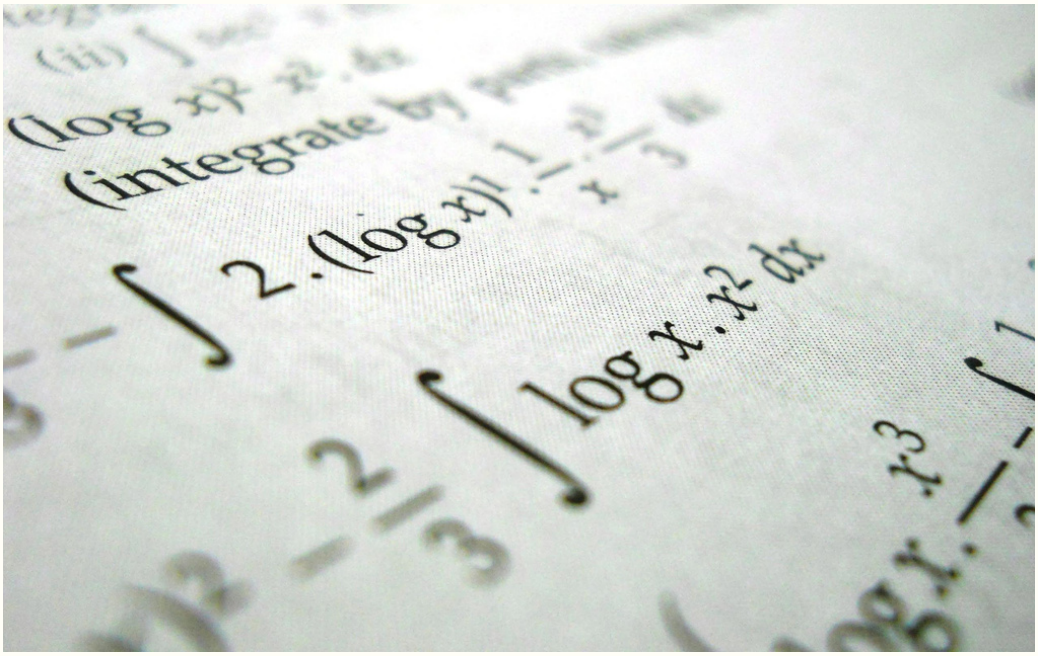
Ms. Annapoorna, M.Sc
Guest Lecturer

Core Subjects

Semiconductor Devices
Network Analysis and Synthesis
Power Electronics
C/C++
Microprocessors and Microcontrollers
Microwave Engineering
Digital System Design
VHDL
VLSI
Communication Systems
Digital Signal Processing
Digital Image Processing
Embedded Systems
High Power Devices
Instrumentation
Nanotechnology
Control System Design
Signals and Systems

About Departments

Department of Mathematics



The Mathematics department was established at the Central College campus in 1886 and was affiliated to the University of Madras. Later it attained the status of a University department after the establishment of the University of Mysore in 1916. It came under the administrative control of Bangalore University in the year 1964. The department was shifted to the Jnanabharathi campus in the year 2015.

Eminent mathematicians who have served in the department include Prof. R. H. Piggot, Prof. M.T. Narayana Iyengar (Founder member, IMS), Prof. K. S. K. Iyengar, Prof. B. S.Madhava Rao,Prof. C. N. Srinivasa Iyengar, Prof. K. Venkatachala Iyengar, Prof. P. H. Nagappa, Prof. F. J. Noronha, Prof. T. Rameshan, Prof. N. Rudraiah, Prof. M. Nagaraj. Prof. D.S. Chandrashekaraiah, Prof. M. Venkatachalappa, etc.

Faculty

Dr. H G Nagaraja, M.Sc, Ph.D
Professor and Chairman

Dr. B Chaluvaraju, M.Sc, Ph.D
Professor

Dr. Harina P Waghamore, M.Sc, Ph.D
Professor

Dr. Kumbinarasaiah S, M.Sc, Ph.D
Assistant Professor

Dr. K Suguntha Devi, M.Sc, Ph.D
Assistant Professor

Core Subjects

Algebra
Real Analysis
Topology
Ordinary Differential Equations
Discrete Mathematics
Mathematical Analysis
Partial Differential Equations
Elementary Number theory
Differential Geometry
Complex Analysis
Fluid Mechanics
Functional Analysis
Linear Algebra
Measure and Integration
Mathematical Methods
Riemannian Geometry
Entire and Meromorphic Functions
Graph Theory
Magnetohydro Dynamics

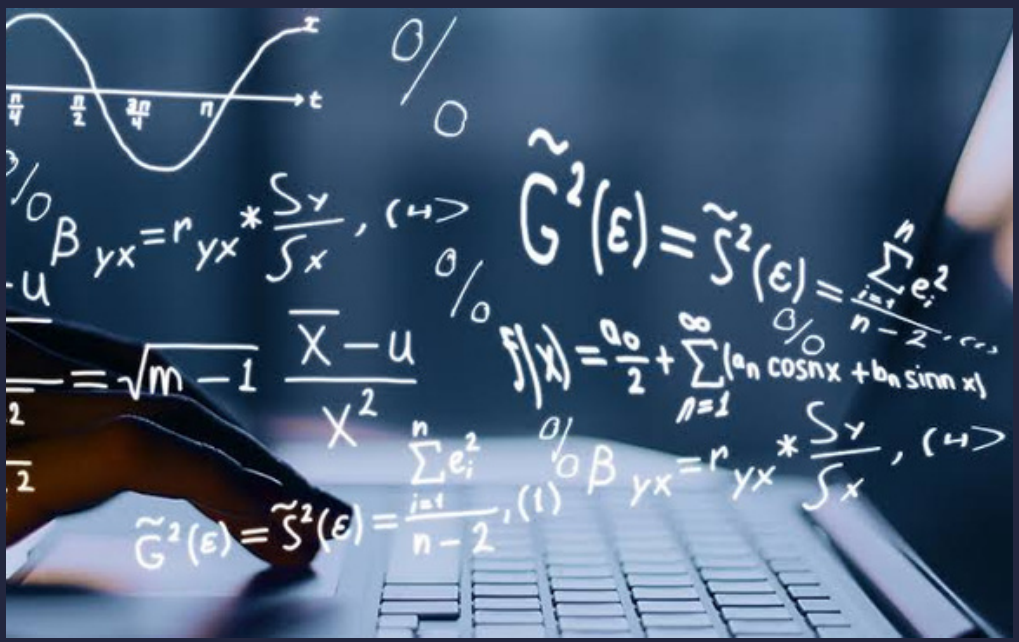
About Departments

Department of Statistics

The Department of Statistics was established in the year 1968, starting with B.Sc(Hons) course in Statistics. M.Sc course was offered from the year 1969.

Late Prof. R. R. Umarji, M.Sc, A.M. (Columbia),F.S.S. (London) was the founder Professor and was instrumental in building up the department. The department was located at Central College Campus, Bangalore and it was shifted to the Jnana bharathi Campus in 1981. At present the department is equipped with departmental library consisting of donated books and books procured under SC/ST cell of the University . In the year 2006, the department received financial support from DST under the FIST programme to establish a Statistical Computer Laboratory and to add books to its department library. Later in 2015, the computer laboratory was upgraded by the PURSUE grant.

Dr. K. P. Srinath, Dr. N. G. N. Prasad, Dr. T. Srivenkataramana, Dr. H. J. Vaman, Dr .S. M. Manjunath, Dr. K. Harischandra, Dr. P. Rajalakshmi, Dr. V. Janhavi, Dr. G. Nanjundan and Dr. V. Srinivas have worked for the progress of the department in multidisciplinary activities with special emphasis on teaching and research work.



Faculty

Dr. Parameshwar V Pandit, M.Sc, Ph.D
Professor

Dr. Suresh R, M.Sc, Ph.D
Assistant Professor

Dr. Mallappa A, M.Sc, Ph.D
Assistant Professor

Dr. Sadiq Pasha, M.Sc, Ph.D
Guest Lecturer

Dr. Kavitha N, M.Sc , Ph.D
Guest Lecturer

Miss. Lakshmi Patil, M.Sc
Guest Lecturer

Mr. Sourav Bhera, M.Sc
Guest Lecturer

Mrs. Shilpa, M.Sc
Guest Lecturer

Core Subjects

Sampling Theory
Probability Theory
Distribution Theory
Quality Assurance and Reliability
Real Analysis
Linear Model and Regression Analysis
Multivariate Analysis
Statistics for National Development and Demography
Data Mining
Matrix Algebra
R Programming
Statistical Inference
Machine Learning
Stochastic processes
Design and Analysis of Experiments

Why Hire Us?

Bangalore University often designs its curriculum to align with the needs of the local industries and the job market. As a result, graduates are equipped with practical skills and industry-relevant knowledge, making them well-prepared for roles in the region's thriving technology and business sectors. Being in a technology-focused city, our students are likely to be exposed to emerging technologies and trends. This exposure can be advantageous for companies looking to leverage the latest advancements in their products and services.

TECHNOLOGY AND IT PROFICIENCY:

MCA students are well-versed in programming, software development, database management, and information technology. They can contribute to software development, system administration, web development, and other IT-related roles.

RESEARCH AND INNOVATION:

MSc Statistics and MSc Electronics students often have experience conducting research and experiments, which can contribute to innovation and product development. They may also bring new ideas and approaches to problem-solving.

ANALYTICAL AND PROBLEM-SOLVING SKILLS:

MSc Statistics and MSc Mathematics students are trained in advanced quantitative and analytical techniques, while MCA students have a strong foundation in problem-solving. These skills can be valuable for data analysis, forecasting, optimization, and decision-making tasks within the company.

DOMAIN EXPERTISE:

MSc Electronics students possess knowledge of electronic systems, circuit design, and signal processing, making them suitable for roles in electronics engineering, telecommunications, and related industries.

DATA ANALYSIS AND BUSINESS INTELLIGENCE:

MSc Statistics graduates can be instrumental in analyzing large datasets, identifying patterns, and extracting meaningful insights, which is crucial for data-driven and decision-making.

MATHEMATICAL MODELING:

MSc Mathematics students often have expertise in mathematical modeling and numerical methods, which can be applied in various fields like finance, engineering, logistics and optimization.

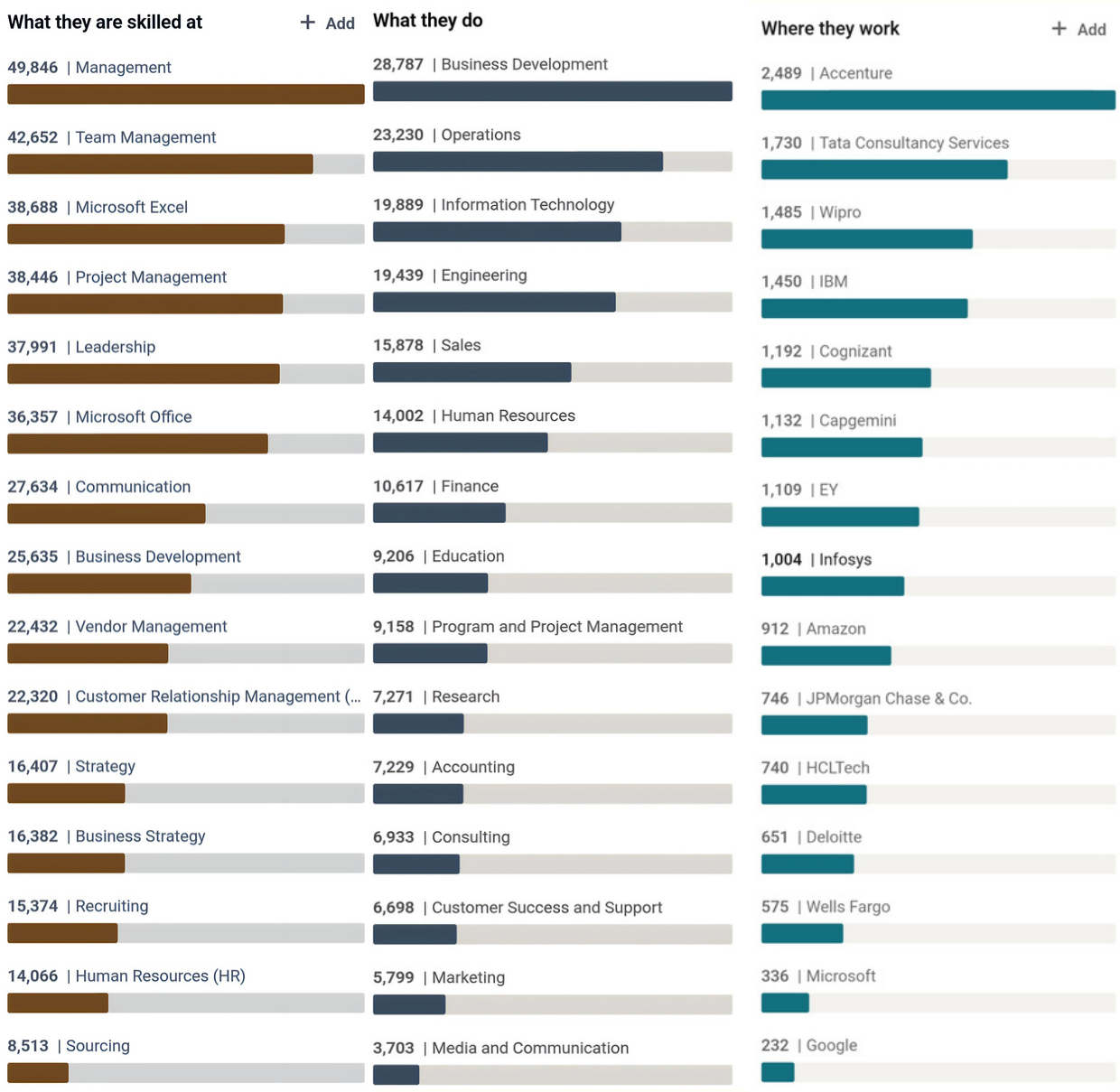
INTERDISCIPLINARY COLLABORATION:

Hiring candidates from different academic backgrounds fosters interdisciplinary collaboration within the company. Their diverse perspectives and problem-solving approaches can lead to creative and effective solutions.

ADAPTABILITY AND CONTINUOUS LEARNING:

Our students are trained to learn and adapt to new technologies and challenges. They have a strong foundation in their respective fields and can quickly acquire additional skills as needed.

Statistical Analysis



Reference : Bangalore University Alumni working in various domains(via LinkedIn)

Bangalore University Placement Cell

About BU Placement Cell

The placement cell at Bangalore University goes to great lengths to support all eligible students in pursuing their desired career paths by inviting well-known organizations for recruitment purposes, putting in their best efforts.

- With the backing of the university, the student representatives of the placement cell, in collaboration with faculty coordinators, spearhead all activities related to placements and internships.
- In addition to coordinating the recruitment process, the Bangalore University placement cell organizes workshops conducted by industry professionals in various domains, aiming to enhance the skills of the students.

Vision

The Bangalore University Placement Cell aims to provide an equitable and inclusive placement platform for all eligible students, while enhancing industry partnerships by regularly engaging with small and medium-sized enterprises (SMEs) and large organizations in the field. Aspiring to become a leading institution in economics and related disciplines, the Bangalore University Placement cell also strives to facilitate research opportunities at renowned institutes for students with a strong academic inclination. A crucial component of student training will involve bi-weekly sessions with industry experts, which will introduce new topics and enhance technical expertise. Ultimately, the Bangalore University Placement cell seeks to function as an autonomous student-led organization, with the University acting as its overseeing institution.

BU Placement Members

Student Co-ordinators

Priyadarshini K
Master of Computer Applications
2nd year

Pooja J Phepade
Master of Computer Applications
2nd year

Chandan M
Master of Computer Applications
2nd year

Akarsh R
Master of Computer Applications
2nd year

Akshay T M
M. Sc Electronic Science
2nd yea

Ogar Ram
M. Sc Electronic Science
2nd year

Govinda T
M. Sc Computer Science
2nd year

Kavya K
M. Sc Computer Science
2nd year

Hemanth Kumar V
M. Sc Mathematics
2nd year

Ankitha M Hebbar
M. Sc Statistics
2nd year

Yashwanth N R
M. Sc Mathematics
2nd year

Lohith B N
M. Sc Statistics
2nd year

Harshitha A
M. Sc Mathematics
2nd year

Maithri K
M. Sc Statistics
2nd year

Brochure Designed By :
Madan G S
Master of Computer Applications

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