Bachelor of Science (B.Sc)

Career Scope

Information Technology (IT) is one of the fastest growing industries in the world. With information gaining immensely in value, technology is a prerequisite to making it usable. With more and more organisations adopting technology by the day, IT is an industry that is showing great prospects for a long time to come. IT courses in Teachers' Academy provide you with the right skills and exposure to leverage the opportunity that the industry throws

Career Opportunities

•Systems Manager •Internet Expert •Web designing Specialis •Application •Programmer •System Programmer •System Analyst •Database •Administrator •Network Administrator•Project Manager •Hardware Engineer •Journalist •Reporter •Editor •Copywriter •Content Writer •Script Writer •PR Executive •Client Relationship Manager

First Semester

B.Sc (Comp Sc, Maths, Physics)
101 Language/Additional English
102 English
103 Computer Fundamentals & Programming
104 C- Programming Lab
105 Mechanics Oscillations & Waves
106 Physics Lab 1
107 Mathematics-I

First Semester

B.Sc (Electronics, Maths, Comp Sc,)
101 Language/Additional English
102 English
103 Electronics Fundamentals
104 Electronics - Practicals
105 Mathematics – I
106 Computer Fundamentals &C Programming
107 C Programming Lab

First Semester

B.Sc (Comp Sc, Journalism and Psychology)
101 Language/Additional English
102 English
103 Computer Fundamentals & C Programming
104 C Programming Lab
105 Introduction to Mass Communication
106 I Basic Psychological Processes
107 Psychology-Lab

Second Semester

B.Sc (Comp Sc, Maths, Physics)
201 Language/Additional English
202 English
203 Data Structure & Operating Systems
204 Data Structure Lab
205 Properties of matter, heat & thermodynamics
206 Physics Lab-II
207 Mathematics-II
208 Computer Fundamentals

Second Semester

B.Sc (Electronics, Maths, Comp Sc,)
201 Language/Additional English
202 English
203 Electronic Circuits
204 Electronics - Practicals
205 Mathematics – II
206 Data Structure & Operating Systems
207 Data Structure Lab
208 Computer Fundamentals

Second Semester

B.Sc (Comp Sc, Journalism & Psychology)
201 Language/Additional English
202 English
203 Data Structure & Operating Systems
204 Data Structure Lab
205 Fundamentals of Journalism
206 Basic Psychological Processes
207 Psychology-Lab-2
208 Computer Fundamentals

Third Semester

B.Sc (Comp Sc, Maths, Physics)
301 Language/Additional English
302 English
303 OOPS using C++ and DBMS
304 C++ Lab
305 Electricity, Magnetism and Radiation
306 Physics Lab III
307 Mathematics-III
308 Indian Constitution

Fourth Semester

B.Sc (Comp Sc, Maths, Physics)
401 Language/Additional English
402 English
403 Software Engineering and System Software
404 Human Resource Management (Special Paper)
405 DBMS Lab (mini project)
406 Acoutics, Optics and Lasers
407 Physics Lab IV
408 Mathematics-IV
409 Environmental Studies

Fifth Semester

B.Sc (Comp Sc, Maths, Physics)
501 Internet Technology
502 Basic Java and UNIX Programming Internet Lab
503 Java and UNIX Lab
504 Gravitation, Space Physics and Electronics
505 Quantum mechanics, atomic and molecular Physics
506 Modern Physics Lab-5
507 Modern Physics Lab-6
508 Mathematics-V
509 Mathematics-VI
510 Internet Lab

Sixth Semester

B.Sc (Comp Sc, Maths, Physics)
601 Interactive Computer Graphics
602 Multimedia Technology
603 Project Lab
604 Statistical Physics & Solid State Physics
605 Modern Physics Lab II Relativity,
    Astrophysics & Nuclear Physics
606 Modern Physics Lab III
607 Mathematics-VII
608 Mathematics-VIII

Third Semester

B.Sc (Electronics, Maths, Comp Sc,)
301 Language/Additional English
302 English
306 Linear IC'S and Application
304 Electronics - Practicals
305 Mathematics – III
306 OOPS using C++ and DBMS
307 C++ Lab
308 Indian Constitution

Fourth Semester

B.Sc (Electronics, Maths, Comp Sc,)
401 Language/Additional English
402 English
403 Digital Electronics
404 Electronics - Practicals
405 Mathematics – IV
406 Software Engineering and System Software
407 Human Resource Management (Special Paper)
408 DBMS Lab (mini project)
409 Environmental Studies

Fifth Semester

B.Sc (Electronics, Maths, Comp Sc,)
501 Communication – I
502 Electronics - Practicals
503 Microprocessor and Interfacing
504 Practical (Microprocessor Programs)
506 Mathematics – V
507 Mathematics – VI
508 Internet Technology
509 Basic Java and UNIX Programming
510 Internet Lab
511 Java and UNIX Lab

Sxith Semester

B.Sc (Electronics, Maths, Comp Sc,)
601 Communication – II
602 Signals and Systems
603 Electronics - Practical VII
604 Electronics - Practical VIII
605 Mathematics – VII
606 Mathematics-VIII
607 Interactive Computer Graphics & Multimedia Tech.
608 Project Lab

Third Semester

B.Sc (Comp Sc, Journalism & Psychology)
301 Language/Additional English
302 English
303 OOPS using C++ and DBMS
304 C++ Lab
305 Media Laws & Indian Constitution.
306 Ia Child Psychology
307 Psychology-Lab II
308 Indian Constitution

Fourth Semester

B.Sc (Comp Sc, Journalism and Psychology)
401 Language/Additional English
402 English
403 Software Engineering and System Software
404 Human Resource Management (Special Paper)
405 DBMS Lab (mini project)
406 Basic Audio.visual Media.
407 Ia Child Psychology
408 Psychology-Lab-4
409 Environmental Studies

Fifth Semester

B.Sc (Comp Sc, Journalism and Psychology)
501 Internet Technology
502 Basic Java and UNIX Programming
503 Internet Lab
504 Java and UNIX Lab
505 Reporting Methods
506 Editing Techniques
507 Elective-1
508 Elective-2
509 Psychology-Lab-5
510 Psychology-Lab-6

Sixth Semester

B.Sc (Comp Sc, Journalism and Psychology)
601 Interactive Computer Graphics & Multimedia Tech.
602 Multimedia Technology
603 Project Lab
604 Media Management
605 Introduction To Advertising & Public Relations.
606 Elective -3
607 Elective -4
608 Psychology-Lab-7
609 Psychology-Lab-8

Electives: •Health Psychology•Abnormal Psychology•Counseling Psychology•Industrial Orgnaization Psycholog •Educational Psychology•Social Psychology