Shri Guru Buddhiswami Mahavidyalaya, Purna (Jn.) Dist. Parbhani 431 511

Basic Computer Course

Basic Computer Course

Certificate course in Fundamentals of Computer Science and Information Technology

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Certificate course in Fundamentals of Computer Science and Information Technologyis one of the best computer-related courses after 10th, which gives students an opportunity to start their career in the highly growing computer and internet sector.

Often, we also call this course a Diploma in IT, here the full form of IT is Information Technology.

Certificate course in Fundamentals of Computer Science and Information Technologyis a twelfth level course, in which basic level is taught about computer and internet

What is Information Technology?

IT or Information technology means to create a communication network at a company or place of work.Under Information Technology, the study, design, development and management of systems such as computers and telecommunications are done.The term IT is widely used in the fields of computers and business.

The work done by the computer and the necessary things related to it like internet, networking, data management, software, internet, website, application, server, database etc. is all part of IT.

In other words, information technology is the whole part under which computer and technology-related work are done inside a company or business.

What is Certificate Course in Fundamental and Information Technology?

Certificate course in Fundamentals of Computer Science and Information Technologyis a 4 Months course after 12thclass, during this course, students have to study subjects related to computer and information technology, after which they are able to work in the fast-growing, computer and IT sector.

This course covers the topics related to computer and information technology from very basic, so even if a student has not done any computer-related studies till class 12th,still that student can join this course, and he/she will understand this course easily and will not face any problem.

Who should join this course?

Students who have an interest in the computer field and especially those who enjoy solving problems related to technology, those students who fascinate technical questions, those students should do this course.

Also, students who want to make their future in the fastest growing IT sector, can also join this diploma course at less cost and can imagine a golden future.

Diploma in Information Technology – key points

Following are the key points and Highlights of the IT Certificate Course-

Course Level	12th(Arts/Commerce/Science) Pass or ITI Pass
course Duration	4 Months (40hrs)
Eligibility	12th from any Recognized Board, minimum 35 % in 12th
Age	Minimum of 14 years

Admission Process	Direct Admission at College Level
Tuition fees	Rs. 00 (Freefor College Students)
Exam Type	Pen and Paper/ Online
Starting Average Salary	1 lakh to 3 lakhs per year
Job profile	IT Instructor, IT Technician, web designer
Placement Opportunities	Private Company/Government/IT/Banking/Support Staff for IT.
Top Achievement	Web Designer

What do students learn during this course?

During this Certificate course, students are given more information about the software part of the computer, as well as the basic hardware.

This course is related to information technology i.e., data, but the computer is necessary for information technology, that is why students are taught computers along with the subjects of information technology.

Talking about some important IT subjects, students are introduced with languages like C, C++, Java, Principles of Information Technology, Web Technology, Data Structures, IT Infrastructure, Operating System, Information Security etc.

Together the students are made aware of how IT can be used in different important areas of life like education, health, transport etc.

Eligibility

Talking about the eligibility for the Certificate course in Fundamentals of Computer Science and Information Technology, any student who has passed 12th class can join for this course.

Also, students who have done ITI course of 2 years can also join for this course.

Course duration

Certificate course in Fundamentals of Computer Science and Information Technologyis of 4 Months duration.

Admission procedure

Admission in Certificate course in Fundamentals of Computer Science and Information Technologycan be done.**Direct Admission**

IT sector is one of the fastest-growing sectors in the whole world, so many students today want to do Certificate course in Fundamentals of Computer Science and Information Technology.

Tuition fees

Tuition fee for Certificate course in Fundamentals of Computer Science and Information Technologyis less as compared to other college.

Tuition fees	Nil- Free for College Students(Certificate Course)

Career options

Talking about career options after Certificate course in Fundamentals of Computer Science and Information Technology, students have many job opportunities, as well as if the student wants to go for higher education, then the process of admission is very easy for him too.

After doing this course, students can get jobs in different profiles in small and big companies of computer and IT sector, along with there are also some government job opportunities.

Talking about the job profile after Certificate course in Fundamentals of Computer Science and Information Technology, students can get work in the role of Programmer, Web Developer, Graphic Designer, Software Engineer, Data Analyst, IT Officer, IT Security etc.

At the same time, many students are successful in getting a job in IT professional, computer operator, bank correspondent, computer director etc.

Certificate course in Fundamentals of Computer Science and Information Technology, or even after taking a few years of working experience, they can do engineering in computer or higher education in any other IT related

course so that they can get a good package with a good role in an MNC company.

Salary-

When any student thinks of admission in any course, then one question that all the students want to know is that what salary they can get after this course.

Starting Average Salary	1 lakh to 3 lakhs per year

Along with this, there are many opportunities for self-employment, after this course, from where many students are able to earn very well.

If you have good knowledge of this course, then you can earn well by working as a freelancer also.

Higher education

After Completion Certificate course in Fundamentals of Computer Science and Information Technology, students have many opportunities for higher education, most of the students do engineering after this course, and in engineering, they can easily get admission into information technology and related branches such as computer science engineering, software engineering etc.

Syllabus

Diploma in Information Technology course has been planned in such a way that any 12th pass student can complete this course without any hassle. So in the first semester, apart from basic physics, chemistry and mathematics, the basic subjects related to computer and IT are also taught, then from the second year, the main papers related to IT and computer are taught.

During the course, care is taken that the students are given good concepts both practical and theoretical.

Syllabus is given below in detail-

Theory	Practical's
Basics of Computer	Introduction to Computer fundamentals & it's command
Desktop Publishing Using Page Maker	Word, Excel, Power Point

Web Page Design	Developing Web Pages/ Designing Web Sites
Computer Networking	Basic Networking Concepts, Networking LAN, Security Concepts etc.
Relational Database Management System	Database Designing
After Completion of theory	Project (Software Project)
Exam for Certification Course	

Summary

A diploma in Information Technology course gives students an opportunity to make a career in the IT sector, and it can prove to be a great course for the students who are interested in making a career in the IT sector.

If students pay attention to practical knowledge along with theory, practice coding well, then they will be able to do well in their careers.

After this diploma course, when the students also do engineering, they will be eligible for big jobs with a wide variety of profiles.

If girls want to do this course, then it can prove to be a great career option for them too because in this course work has to be done from office and fieldwork is not done, so today many girls are preferring this course.

SHRI GURU BUDDHISWAMI SHIKSHAN PRASARAK SANSTHA'S
SHRI GURU BUDDHISWAMI MAHAVIDYALAYA, PURNA (Jn.)
Pin-431 511, Dist. Parbhani (M.S.) India.
(Permanently affiliated to Swami Ramanand Teeth Marathwada University, Nanded)
Re-accredited by NAAC at 'B' Grade with '2.42' CGPA; ISO 9001:2015 Certified Institute

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SGBMP/IQAC/2020-2021/ 2|

Date 23.11.2020

To,

   i)   **Dr. Bhalchandra Parag**   **(External Expert)**
        Assistant Professor,
        School of Computational Sciences, SRTMU, Nanded.

   ii)   **Dr. Suhas Satonkar,**   **(External Expert)**
        Assistant Professor & Head,Department of Computer Science,
        Sant Janabai ACS College, Gangakhed.

   iii) **Dr. Ajay Kurhe**   **(Internal Expert)**
        Assistant Professor & Head, Dept. Computer Science,
        S.G.B. Mahavidyalaya, Purna (Jn.)

   iv) **Dr. Gajanan Kurundkar**   **(Internal Expert)**
        Assistant Professor, Dept. Computer Science,
        S.G.B. Mahavidyalaya, Purna (Jn.)

Dear Sir/s,

It gives us immense pleasure to inform you that the College Management has decided to introduce a **i) Certificate Course in Cyber Security ii) Certificate Course in Fundamentals of Computer Science and Information Technology** for UG students across the streams. You are hereby informed to draft the syllabus for these courses within a week and submit the same to the IQAC.

Dr. K. Rajkumar
Principal

PRINCIPAL
Shri Guru Buddhiswami Mahavidyalaya
Purna (Jn.) Dist.Parbhani

Date 05 .12.2020

To,

The Principal,

S.G.B. Mahavidyalaya, Purna

Respected Sir,

    We are submitting herewith the final draft of the syllabus of **i) Certificate Course in Cyber Security ii) Certificate Course in Fundamentals of Computer Science and Information Technology** for UG students across the streams. You are requested to accept it and oblige.

    Thank You.

Yours Faithfully,

Dr. Bhalchandra Parag,
(External Expert)
SRTMU, Nanded

Dr. Suhas Satonkar,
(External Expert)
S. J. ACS College, Purna

Dr. A. B. Kurhe
(Internal Expert)
S.G.B. Mahavidyalaya, Purna

Dr. G.D. Kurundkar
(Internal Expert)
S.G.B. Mahavidyalaya, Purna

Enclosures:

i)   Final Draft of Syllabus of a Certificate Course in Cyber Security

ii)   Final Draft of Syllabus of a Certificate Course in Fundamentals of Computer Science and Information Technology