



SANATAN DHARMA COLLEGE

AMBALA CANTT

NAAC Accredited Grade 'A+' with CGPA 3.51 in the third cycle.

College with Potential for Excellence - UGC, New Delhi

For Admissions

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Email: admission@sdcollegeambala.ac.in

Website: www.sdcollegeambala.ac.in

Sure, Career Growth with Most Awarded College in North India

A+ Grade
Accredited
with NAAC

College with
Potential for
Excellence by
UGC

Best Campus
in North
India

ISO 9001: 2015
& ISO 14001:
2015 Certified



About Sanatan Dharma College, Ambala Cantt

Sanatan Dharma College, Ambala Cantt. is a College with Potential for Excellence, UGC, New Delhi and has been awarded A+ Grade in the 3rd Cycle of accreditation by National Assessment and Accreditation Council of India (NAAC), Bengaluru with CGPA of 3.51 out of 4. The College was established in 1916 by Bharat Ratna Pt. Madan Mohan Malviya, the founder of Banaras Hindu University, Varanasi and the foundation stone of the relocated college at Ambala was laid by the first President of India, Dr. Rajender Prasad. The college is run by S.D. College Society, New Delhi. Sanatan Dharma College, Ambala Cantt is a premier multi-faculty, co-educational institution affiliated to Kurukshetra University, Kurukshetra. With over 3000 students on its rolls, the college excels in various fields of academics, sports, cultural and co-curricular activities. The college offers graduation and post-graduation courses in Arts & Humanities, Science, Management, Commerce, Business Administration, and job-oriented vocational and add-on courses. The college was bestowed with the status of Deen Dayal Upadhyay Kaushal Kendra in 2015 by UGC, New Delhi for running Skill Development courses as per NSQF.



Recognitions



A+ Grade
Accredited with
NAAC



UGC
Approved



Affiliated to
Kurukshetra University
Kurukshetra



Pioneers of
Quality
Education for
last 100+ Years

B.Sc (Hons)-Information Technology

Bachelor of Science in Information Technology (Hons) is a –3 year graduation program in computer science. The course is designed to meet the growing demand for qualified professionals in the field of IT. The curriculum of B.Sc.-IT course offered is designed considering the need of different Software Houses in India and abroad and has a high job potential in IT Sector.

Curriculum

Semester-1

Communication Skills
(English)-I
Mathematical foundations for
Information Technology-I
Fundamental of EM Waves
Electronic Devices and Circuits
Electronic Communication-I
Computer Fundamentals

Semester-2

Communication Skills (English)-II
Mathematical foundations for
Information Technology-II
Applications of EM wave
Digital Electronics-I
Electronic Communication-II
Programming Techniques
Analog Electronics (IT Lab- I)
Digital Electronics (ITLab II)
Electronic Comm.(IT Lab III)
Computer Fundamentals & Office
Tools (IT Lab IV)

Semester-4

Transistor and Linear Integrated
Circuits
Telecommunication &
Networking-I
Microprocessor Architecture and
Programming-I
Operating System - I
Computer Programming with C – I
Digital Electronics-III

Semester-4

Oscillators and Multivibrators
Telecommunication &
Networking-II
Operating System - II
Computer Programming with C –
II
Analog Electronics (I.T Lab-V)
Digital Electronics (I.T Lab-VI)
Electronics & Microprocessor (IT
Lab-VII)
Programming in C (IT Lab-VIII)

Semester-5

Computer System Architecture-I(Th)
Programming In C++ - I (Th)
Web-Site Design Implementing
Basic Design Tools-I (Th)
Internet Concepts & Applications-I
(Th)
Microprocessor Architecture and
Programming-III(Th)

Semester-6

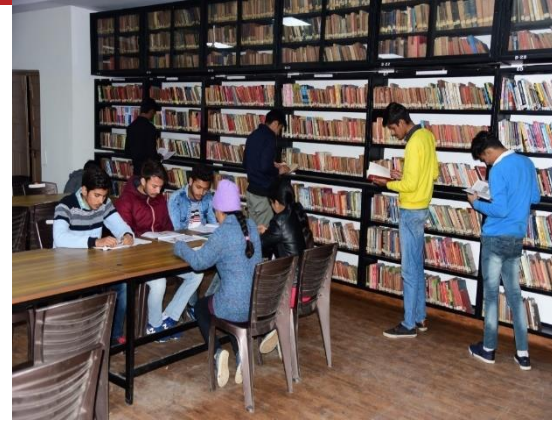
Computer System Architecture-II(Th)
Programming In C++ - II(Th)
Web-Site Design Implementing Basic
Design ToolsII(Th)
Internet Concepts & Apps –II (Th)
Embedded Systems & 8051
Microcontroller(Th)
Programming In C++ (IT Lab IX)
Internet Concepts & Apps (IT ab X)
Project (IT Lab XI)



Infrastructure



**Lush
Green
Lawns**



**22
Laboratories
equipped with
latest A/V Aids**

**Solar
Panels of
110 KW**



**Fully
Wi-fi
Campus**



**Sprawling
Area of 16
Acres**



**Fully
Automated
Library with
open shelf
system**

Workshops

A workshop is a great way for students to learn about a particular subject, learn new projects, and methods to get better. Attending workshops can help students achieve success in their academic environment by putting these skills into practice. Technology has struggled to find its way into the classroom in all sorts of ways, from projectors and televisions to computer labs and student laptops. Along with improving the way students are taught, it is also vitally important that students learn to use computers.

Various Workshops organized by Sanatan Dharma College are:

1. Android App Development
2. Linux
3. Digital Marketing Tools
4. Ethical Hacking
5. Web Designing & Apps
6. Statistical Tools for Data Science
7. Machine Learning with Python
8. SEO Tools
9. Content Design Tools
10. Block Programming and many more...



Guest Lectures



Guest Lectures suggest ways to enhance the value of the speaking engagement and presents a model to ensure a match between the presentation and classroom objectives. Practical approach with theoretical knowledge is the necessity to learn any field. Guest lectures enable the students in enriching the latest updates regarding avenues for higher studies and jobs as well as the need of the industry. While handling the real modern life challenges one must need the best academicians with leadership quality and knowledge about computer skills. S.D. College ask guest speakers to the campus for a variety of reasons.



1. We invite a successful alumnus to come to the classroom and speak with students about how they broke into their field.
2. Guest lectures need not be limited to campus-based courses.
3. College professors from distance learning and online courses may also incorporate guest speakers into the curriculum.
4. Guest lectures can open student's eyes to job prospects they never saw possible before.
5. These guest lecturers provide a thriving calendar of lectures and seminars spanning the entire gamut of Computer Science topics.



Type	Degree	DMS
Latitude	30.3382089	30°20'18" N
Longitude	76.8536706	76°51'13" E

03 Feb 2020 11:50 am

Industrial Visits

The Objective of the Industrial Visit is to help students gain firsthand information regarding functioning of the industry which presents the students with opportunities to plan, organize and engage in active learning experiences both inside and outside the classroom.

Special Objectives for the Students

- To understand the process.
- To experience chemistry at work
- To become aware of the role of different people in an organization.
- To become aware of Career Opportunities
- To recognize the need for Health and Safety in the workplace
- To focus students of specific aspects of their studies



Industrial Tie-ups

Our Skill Training Partners



technology - meets - brilliance



Tie-Ups with Institutes of Eminence

Placements Recruiters

Google MOOCs Research Award

Nomination for HT for Mumbai Awards 2015

Reimagine Education Award

Spoken Tutorial

An initiative of National Mission on Education through ICT, MHRD, Govt. of India, to promote IT literacy through Open Source Software.

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IIT Bombay

Consortium for Educational Communication

Home Events NME-ICT Project EDUSAT RTI Related Links

e-EDUCATION
e-COURSE
TECHNOLOGY
ENRICHMENT

Enrichment
Enrichment Programmes on Culture, Humanities, Environment, Language and Literature

e-Education
EMRC (Media Centre)
Vyas Higher Education Channel
e-Knowledge Resources

About CEC | Director's Message | Director's Profile | Governance | Organization Chart | Human Resource

About CEC
The Consortium for Educational Communication popularly known as CEC is one of the Inter University Centres set up by the University Grants Commission of India. It has been established with the goal of addressing the needs of Higher Education through the use of powerful medium of Television alongwith the appropriate use of emerging Information Communication Technology (ICT). [Read More](#)



College Learning and Information Management System



Sanatan Dharma College
Ambala Cantt

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MOODLE LMS

We assist in setting-up your own MOODLE LMS	Consultation for NAAC Accreditation NAAC consultation and training for your institute	MOOC Massive Open Online Course We provide a platform for your customized MOOCs	Support to all stakeholders Whenever you need any assistance we are happy to
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SANATAN DHARMA COLLEGE (LAHORE) AMBALA CANTT

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College Information Management System

CIMS

उद्योग-जागो-इत्येय प्रपि तक रकी

Student Faculty Admin Office

Moodle Learning Management System (LMS):

Sanatan Dharma College, Ambala Cantt is having its own **Learning management system (LMS)**: Moodle which is a software application for the administration, documentation, tracking, reporting, automation and delivery of educational courses, training programs, or learning and development programs.

1. Our learning management system concept emerged directly from e-Learning.
2. Our LMSs is focused on online learning delivery and support a range of uses, acting as a platform for online content, including courses. Our LMS delivers and manages all types of content, including video, courses, and documents.
3. In the education and higher education field, our LMS includes a variety of functionality that is like corporate but will have features such as rubrics, teacher and instructor facilitated learning, a discussion board, and often the use of a syllabus. Currently on our Moodle there are: **1700+ Courses** and **12000+ Users** enrolled.

College Information Management System (CIMS):

The college has developed CIMS (College Information Management System), which is an ERP based software developed in consultation with the needs of the stakeholders. Through CIMS students can access their:

1. Examination Results
2. Assignment Scores
3. Attendance Details and
4. Other academic information directly on their computers or mobile phone.

Faculty members have the facility to upload details of their activities and duties during the session and then retrieve the same in a desired format.

Culture of Quality & Innovation @ S.D. College, Ambala Cantt

The **Start-up cell** in Sanatan Dharma College, Ambala Cantt is working with its team of mentors, coordinators and E-cell student volunteers of the institute is meant for nurturing the potential start-up ideas that will cater need of both tech and non-tech solution to various social, economic, and industrial problems of the nation.



Ministry of Human Resource Development (MHRD), Govt. of India has established **Institution's Innovation Cell (IIC)** to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in their informative years.



An **Entrepreneurship Development Cell (EDC)** has been functioning in Sanatan Dharma College, Ambala Cantt. The cell conducts workshops/panel discussions inviting entrepreneurs from various fields to encourage and nurture entrepreneurship among students. A technology incubation center has been set up to provide infrastructure and support for budding entrepreneurs.



"A platform for encouraging filing of IPRs and patenting the products/technologies for the benefit of the Institute and thereby to society at large"

IPR cell adopt a sound IP strategy, to secure IPR for a large base of knowledgeable Faculty and highly talented Students in the College. We are in the process of setting up structured processes to identify, facilitate and develop innovation.



Alumni Speaks



Aditi Bhardwaj
B.Sc.(Hons)-IT
2015-2018

My college days are unforgettable and in fact those days are the happiest days in my life. I am so grateful to be a part of Sanatan Dharma College, Ambala Cantt. I got infinite love & lessons from my teachers; my teachers made me do “Work Hard” for the way to success.



Ankit
B.Sc.(Hons)-IT
2014-2017

I would like to thank Sanatan Dharma College, Ambala Cantt for the wonderful environment and giving me an opportunity to make my dreams true. Teachers are supportive and guided me for my journey. And at last, I want to thank the most significant institution from where I got my education.



Harsh Verma
B.Sc.(Hons)-IT
2015-2018

I would like to thank Sanatan Dharma College, Ambala Cantt. to introduce this wonderful course and giving me an opportunity to be a part of it. I had many good experiences during my graduation, and I learned a lot about technical world.



Swati
B.Sc.(Hons)-IT
2014-2017

I would like to thank Sanatan Dharma College, Ambala Cantt for the wonderful environment and giving me an opportunity to make my dreams true. Teachers are supportive and guided me for my journey. And at last, I want to thank the most significant institution from where I got my education.



Tamanna
Senior Technical
Associate at IBM
2014-2017

Best memories gauged from one of the best colleges around. The extra activities extracted a total different person from me. I was the updated version when I left this college. I was the president of IT ASSOCIATION, and it was one of the best experiences of my life. 3 years of SD college are one of the best memories of my life.