Enriching Careers, Enhancing Lives for Sustainable Development

Estd. 1999 | Suryadatta Education Foundation's

Suryadatta® College of Management, Information Research and Technology (SCMIRT)

[Affiliated to Savitribai Phule Pune University, approved by DE/DTE & recognized by Government of Maharashtra]

Savitribai Phule Pune University ID No.: PU/PN/CS/229/2005 | College Code: 797

ISO 9001 : 2015 Certified Institute & Accredited by NVT-QC, ANAB & IAF

Enriching Careers, Enhancing Lives for Sustainable Development

Ranked as ***A Category*** *Top 50 Group of Institutes in India*

for 17 consecutive years by the Leading National Surveys

Junior College (XI & XII)

XI & XII
Arts, Commerce & Science
IT / Bifocal & Vocational Courses (MSBVE)

Management

BBA, BBA-IB
BBA-CA

Commerce

B.Com,
M.Com

Information Technology

B.Sc.CS,
M.Sc.CS

Animation

B.Sc.
Animation

Affiliated to HSC Board

Affiliated to Savitribai Phule Pune University

Courses after X, XII & Graduation for Academic Enrichment !

UX Design Business Accounting Mobile Computing Information Technology
Communication HRM 3D Animation VFX Maya Flash Network Programming
Calculus Java Business Ethics Cyber Security Export Audit
Import Mudbox Supply Chain C++ Tourism Digital Electronics Adobe
.Net Foreign Language Income Tax
Economics Logistics Animation
Management Company Law Indesign

Suryadatta - Enriching Careers & Enhancing Lives Since 1999

ABOUT THE SURYADATTA GROUP OF INSTITUTES

The Suryadatta Education Foundation was established in the year 1999 with an objective of developing self motivated leaders who would succeed in the challenging and vibrant global economy. All members of the core team of Suryadatta Education Foundation have more than 20 years of rich corporate experience in various streams of Business Management, Information Technology, Corporate Consultancy, Value based Education, Training and Research.

The Advisory and Governing Council of Suryadatta comprises of eminent academicians, professionals, industrialists, international consultants and social workers, who with their immense experience and sound knowledge guide the activities of the Suryadatta Education Foundation.

Over the last 2 decades, the Suryadatta family has blossomed into a bouquet of academic institutions in a number of disciplines such as School (CBSE), Junior College, Business Management, Information Technology, Hotel Management, English and Foreign Languages, Interior Designing, Fashion Design, Event Management, Sports Academy, Creative Arts, Vocational and Advanced Studies. Students from all parts of India and several foreign nations are pursuing their education at various Suryadatta Institutes.

ABOUT THE FOUNDER PRESIDENT & DEAN ACADEMICS

United States Department of State

This is to certify that

Sanjay Bansilal Chordiya

participated in the
International Visitor Leadership Program
of the
United States Department of State

Certificate of Participation

Prof. Dr. Sanjay B Chordiya
Dean Academics

Prof. Dr. Sanjay B. Chordiya, Founder President and Chairman of Suryadatta Education Foundation and Dean of Suryadatta Group of Institutes, is a senior Management professional. Academically qualified as Mechanical Engineer from the Government college of Engineering, Pune, Dr. Chordiya attained his post graduation in Marketing Management, Materials Management, Industrial Management, Operations Management, Human Resources Management and also a Doctorate in Environmental Science.

Prof. Dr. Sanjay B. Chordiya was the chairman of the SME chamber of Commerce, Pune Chapter and was a Member of Telephone Advisory Committee, Pune.

Dr. Chordiya was a member of the prestigious committee formed by the Ministry of Steel & Industries. Govt. of India, for raw material planning in the Automobile industry. He is also a promoter member of EPSI, Delhi.

He is a Fellow of the All India Management Association (AIMA), Institution of Engineers and the Indian Institution of Production Engineers. He is a Chartered Engineer and Educationist with over Thirty years of standing in the field of Corporate Management, Information Technology, Mass Communication, Corporate Governance, Academics, Innovation, Value Education, Yoga, Meditation, Training and Research, besides being a member of the Indian Institute of Automobile Engineers, the Institute of Materials Management and a member of Chamber of Commerce, he has visited many globally renowned universities for International Visitor Leadership Program across US and Exploring Best Practices in Higher Education such as University of Paris 1, Harvard, MIT, Boston, Stanford, California State, The George Washington, Maryland University etc. He still maintains the same enthusiasm to learn and master upcoming fields. In addition to this, Prof. Dr. Sanjay B. Chordiya has actively participated in the Vice Chancellors summits in Sri Lanka, Dubai, China, Paris and Germany.

He has been honored with numerous awards (over 30 awards) for his indelible contribution to Excellence in Education, Spiritual, Social and World Peace activities. He has been Felicitated as a Distinguished Alumni of COEP. He has been felicitated with Prestigious Shatabadi Award by The International Association of Lions for Excellence in the field of Education and Missionary Services. He has been elected as National Vice President and State President of All India Consumer Protection Committee.

Suryadatta Group of Institutes has emerged to be a global magnet for aspiring learners and a role model for its high quality & affordable educational system.

ABOUT SCMIRT'S SURYADATTA JUNIOR COLLEGE

Suryadatta Junior College, another feather in the cap of Suryadatta Group of Institutes, was conceptualized with an aim to provide world class education to the youth of the continuously evolving society that needs to keep pace with the growing world in today's globalized economy. SJC is approved by Government of Maharashtra and conducts XI and XII Std. as per Maharashtra Board curriculum in the streams of Arts, Commerce and Science. SJC has dynamic and dedicated faculty. The faculty are totally focused on the all-round development of students. This is supported by excellent infrastructure, high tech laboratories, up to date library, Wi-Fi campus and multiple sports and recreational infrastructure to facilitate a healthy mind in a healthy body.

- ► Arts College
- ► Commerce College
- ► Science College
- ► Information Technology
- ► Bi-focal
  - for Science Stream - Computer Science
  - for Commerce Stream - Banking & Finance
- ► Vocational

STATE-OF-THE-ART-INFRASTRUCTURE FACILITIES

The Suryadatta Group of Institutes campus is at Bavdhan near Chandani Chowk, Pune. This vibrant campus with state-of-the-art infrastructure provides a stimulating learning environment. The Campus Highlights :

- Green campus with duly planned walking / jogging track.
- Medical facilities in the vicinity and first-aid facility in the campus.
- Every Class Room is installed with modern teaching aids such as LCDs, audio video facilities.
- Tutorial rooms for mentoring, students' activities, seminars and presentations.
- High-tech wi-fi campus including Computer / Internet Labs.
- Knowledge resource centre with a rich collection of self learning tools such as DVDs, e-journals, annual reports and related literature.
- Seminar halls and auditorium with sophisticated audio visual facilities.
- Fully hi-tech wi-fi enabled campus ensuring that the students and faculty remain connected at all times.
- Well furnished hostel, cafeteria with hygienic mess facility available.
- Other facilities such as indoor & outdoor sports complex, modern gymnasium, conference hall, seminar hall, activities hall, yoga and meditation hall.
- 24x7 Safe & Secured Environment.

ABOUT SAVITRIBAI PHULE PUNE UNIVERSITY

Pune is one of the main education center of Maharashtra. Numerous students from every corner of India and the world come to Pune. The city of Pune houses many well-known, established institutes and colleges. Savitribai Phule Pune University is one of the finest and most popular educational centers in the city. It offers excellent programs in various areas including Science, Commerce, Arts, Languages & Management Studies. University of Pune, one of the premier universities in India, is positioned in the North-western part of Pune city. It occupies an area of about 411 acres. It was established on 10th February, 1948 under the Poona University Act. The university houses 46 academic departments. Pune is popularly known as the 'Oxford of the East' and the University of Pune was renamed as Savitribai Phule Pune University.

ABOUT SCMIRT

Suryadatta College of Management & Information Research & Technology (SCMIRT) is affiliated to Savitribai Phule Pune University and recognized by Govt. of Maharashtra.

The College offers an array of Bachelors degree programs in Business Administration, Information Technology, Commerce, Animation and Masters Degree Programs in the field of Information Technology and Commerce.

Savitribai Phule Pune University Ranked **10th** in All Over India

by **NIRF** Ranking 2019

MESSAGE FROM PRINCIPAL

We at Suryadatta College believe in the philosophy "to educate is to empower". The mission is to create professionals rich in values through a holistic approach. The world has drastically changed with advent globalization, liberalization and urbanization, so our students have to be equipped with knowledge, extracurricular activities and skills to go the extra mile to deal with the advances.

Thus the college makes every possible attempt to synerize the into education process and academic excellence. We have well equipped library, sports complex and laboratories to ensure environment conducive to learning. We are indeed proud that in a short span of time the college has grown from strength to strength. We have number of students not only from Maharashtra and India but from all over the world. In pursuit of excellence our efforts will always be relentless wishing you the very best.

COURSES OFFERED BY SCMIRT FOR PATHWAY TO SUCCESS

Ample career advancement opportunities are available to the Post Graduate students. Taking a decision on pursuing a relevant Graduate Program providing right skill sets and most sought specialization becomes crucial factor to the young Managers.

▶ Junior College for XI & XII Arts, Commerce & Science IT / Bifocal & Vocational Courses (MSBVE)	2 years Full Time
▶ Bachelor of Business Administration (BBA)	3 years Full Time
▶ Bachelor of Business Administration - International Business (BBA-IB)	3 years Full Time
▶ Bachelor of Business Administration - Computer Application (BBA-CA)	3 years Full Time
▶ Bachelor of Commerce (B.Com.)	3 years Full Time
▶ Master of Commerce (M.Com.)	2 years Full Time
▶ B.Sc. - Computer Science (B.Sc - CS)	3 years Full Time
▶ M.Sc. - Computer Science (M.Sc - CS)	2 years Full Time
▶ B.Sc. - Animation	3 years Full Time

SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Business Administration (BBA)

The BBA Program includes general business courses and advanced courses for specific concentration. Students in quest of a career in the field of management should opt for this program. BBA is aimed to provide the necessary basic understanding of the core subjects in Business Management. It trains students in effective communication skills. It also helps to develop appropriate skills in the students, to make them competent and inculcates entrepreneurship skill amongst them. It helps to prepare candidates to exploit new opportunities created in the areas of Management.

Objective: (I) To provide adequate basic understanding about Management Education among the students. (ii) To prepare students to exploit opportunities being newly created in the Management Profession. (iii) To train the students in communication skills effectively. (iv) To develop appropriate skills in the students so as to make them competent and provide themselves self-employment. (v) To inculcate Entrepreneurial skills.

Eligibility: a) A candidate for being eligible for admission to the Degree course in Bachelor of Business Administration shall have passed 12th Std. Examination (H.S.C. 10+2) from any stream with English as passing subject and has secured 40% marks at 12th Std. **b)** Two years Diploma in Pharmacy after H.S.C., Board of Technical Education conducted by Government of Maharashtra or its equivalent. **c)** Three Year Diploma Course (after S.S.C., i.e. 10th Standard) of Board of Technical Education conducted by Government of Maharashtra or its equivalent. **d)** MCVC **e)** Every eligible candidate has to pass a Common Entrance Test to be conducted by the respective Institute/College. he respective Institute / respective College.

BBA Program Outline:

Semester I

Code	Subject Title
101	Business Organisation & System
102	Business Communication Skills
103	Business Accounting
104	Business Economics (Micro)
105	Business Mathematics
106	Business Demography & Environmental Studies

Semester II

Code	Subject Title
201	Principles of Management
202	Principles of Marketing
203	Principles of Finance
204	Basics of Cost Accounting
205	Business Statistics
206	Business Informatics

Semester III

Code	Subject Title
301	Personality Development
302	Business Ethics
303	Human Resource Management & Organisation Behavior
304	Management Accounting
305	Business Economic (Macro)
306	I.T. in Management

Semester IV

Code	Subject Title
401	Production & Operations Management
402	Industrial Relations & Labour laws
403	Business Taxation
404	International Business
405	Management Information System
406	Business Exposure (Field Visits)

Semester V

Code	Subject Title
501	Supply Chain & logistics Management
502	Entrepreneurship Development
503	Business Law
504	Research Methodology (Tools & Analysis)
505	Specialisation –I
506	Specialisation –II

Semester VI

Code	Subject Title
601	Business Planning & Project Management
602	Event Management
603	Management Control System
604	E- Commerce
605	Specialisation –III
606	Specialisation – IV

Available Specializations: 1) Finance 2) Marketing 3) Human Resource Management
4) Agri Business Management 5) Service Sector Management

**Details of syllabus, staff etc. mentioned in this brochure updated as on date of printing. Updates if any will be uploaded on website periodically.

SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Business Administration - International Business (BBA-IB)

Objectives With the industrial Liberalization and Globalization scenario and emphasis on global markets, there is a great scope for job opportunities as well as Entrepreneurship in International Business in the products and services sectors. Great scope also exists in International Logistics,Supply- Chain management, Transportation and Distribution.

Eligibility: a) A candidate for being eligible for admission to the Degree course in Bachelor of Business Management shall have passed 12 the Std. Examination (H.S.C. 10 +2) from any stream with English as passing subject and has secured 40% marks at 12th std. **b)** Three Years Diploma Course after S.S.C. i.e. 10th Standard of Board of Technical Education conducted by Government of Maharashtra or its equivalent. **c)** Two Years Diploma in Pharmacy after H.S.C., of Board of Technical Education conducted by Government of Maharashtra or its equivalent. **d)** MCVC **e)** Every eligible candidate has to pass a Common Entrance Test to be conducted by the respective Institute / College.

BBA-IB Program Outline

Semester I

Code	Subject Title
101	Indian Business Environment
102	Communication Skills & Personality Development
103	Micro Economic Analysis
104	Business Accounting
105	Principles & Practice of Management
106	Business Mathematics

Semester II

Code	Subject Title
201	Cost Accounting
202	Elements of HRM
203	Macro Economic Analysis
204	Principles of Marketing
205	Business Statistics
206	IT in Business Operations

Semester III

Code	Subject Title
301	International Business Environment
302	Production & Operations Management
303	International Economics
304	International Marketing
305	Foreign Language - Paper I (Asian - Chinese,Japanese) (European - German & French)
306	Management Accounting.

Semester IV

Code	Subject Title
401	Foreign Exchange Operations.
402	International Business in Service
403	International Agricultural Business.
404	Business Taxation
405	Foreign Language - Paper II (Asian - Chinese, Japanese) (European - German & French)
406	Business Exposure

Semester V

Code	Subject Title
501	Business Ethics
502	Business Law
503	International Relations
504	International Banking & Finance
505	Business Reporting and Analysis
506	E- Commerce.

Semester VI

Code	Subject Title
601	Export Import Procedure.
602	International Business Law
603	Study of Global Economies.
604	International Project Management
605	Supply Chain & Logistics Management
606	Research Methodology (50 Marks) & Project (50 Marks)

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SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Business Administration - Computer Application (BBA-CA)

It is a Program with a combination of technical and general Management related subjects. There is a clear imbalance between the demand and supply of IT professionals in the country. Students interested in a career in the field of IT should opt for the BCA Program. BCA is aimed at providing a sound academic base from which an advanced career in Computer Applications can be developed. It provides conceptual grounding in computer applications in a practical environment.

Objectives: The objectives of the Program shall be to provide sound academic base from which an advanced career in Computer Application can be developed. Conceptual grounding in computer usage as well as its practical business application will be provided.

Eligibility: In order to be eligible for admission to Bachelor of Computer Applications a candidate must have passed. **a)** HSC (10+2) from any stream with English as passing Subject with minimum 40% marks in aggregate. **b)** Two years Diploma in Pharmacy Course of Board of Technical Education, conducted by Government of Maharashtra or its equivalent. **c)** Three Year Diploma Course (after S.S.C. i.e. 10th Standard), of Board of Technical Education conducted by Government of Maharashtra or its equivalent. **d)** MCVC **e)** Every eligible candidate has to pass Common Entrance Test to be conducted by the respective Institute/College.

BBA-CA Program Outline

Semester I

Code	Subject Title
101	Modern Operating Environment & MS Office
102	Financial Accounting
103	Programming Principles and Algorithms
104	Business Communication
105	Principles of Management
106	Laboratory Course- I (Based on Paper No. 101 & 102)

Semester II

Code	Subject Title
201	Procedure Oriented Programming using C
202	Database Management System
203	Organizational Behavior
204	Computer Applications in Statistics
205	E-Commerce Concepts
206	Laboratory Course- II (Based on Paper No. 201 & 202)

Semester III

Code	Subject Title
301	Relational Database Management Systems
302	Data Structures using C
303	Operating System Concepts
304	Business Mathematics
305	Software Engineering
306	Laboratory Course- III (Based on Paper No. 301 & 302)

Semester IV

Code	Subject Title
401	OOP's using C++
402	Programming in Visual Basic
403	Computer Networking
404	Enterprise Resource Planning
405	Human Resource Management
406	Laboratory Course- IV (Based on Paper No. 401 & 402)

Semester V

Code	Subject Title
501	Java Programming
502	Web Technologies
503	Dot Net Programming
504	Object Oriented Software Engg.
505	Software Project - I (Based on C++ / VB Technology)
506	Laboratory Course- V (Based on Paper No. 501 & 502)

Semester VI

Code	Subject Title
601	Advanced Web Technologies
602	Advanced Java
603	Recent Trends in IT
604	Software Testing
605	Software Project - II (Java / Dot net Technology)
606	Laboratory Course- VI (Based on Paper No. 601 & 602)

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SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Commerce (B.Com.)

The B.Com program is offered keeping in mind the new business scenario which has totally changed due to the economic policy of Liberalization and Privatization during the last decade. The structure will equip the students to accept the challenges of the 21st Century. B.Com Program is offered keeping in mind the new business scenario which has totally changed with the Economic Policy of Liberalization and Privatization during the last decade. This structure will equip the students to accept the challenges of the 21 st century.

Eligibility: a) No Candidates shall be admitted to enter the First Year of the B.Com. Degree Course (Revised Structure) unless he/she has passed the Higher Secondary School Certificate Examination of the Maharashtra State Board of Higher Secondary Education Board or equivalent or University with English as a passing subject. **b)** No candidate shall be admitted to the annual examination of the First year B.Com. (Revised Structure) unless he/ she has satisfactorily kept two terms for the course at the college at the college affiliated to this University. **c)** No candidate shall be admitted to the annual examination of the Second Year unless he/she has kept two terms satisfactorily for the course at the college affiliated to this University. **e)** No candidate shall be admitted to the Third year of the B.Com. Degree Course (Revised Structure) unless he/she has passed in all the papers at the First Year B.Com. Examination and has passed in all the papers at the first Year B.Com. Examination and has satisfactorily kept terms for the second year and also two terms for the third year of B.Com. satisfactorily in a college affiliated to this University.

B.Com Program Outline

F.Y.B.Com.

Compulsory Group

101. Compulsory English
102. Financial Accounting
103. Business Economics (Micro)
104(A). Business Mathematics and Statistics OR
104(B) Computer Concepts and Applications

105 Optional Group (any one of the following)

a) Organisational Skill Development
b) Banking and Finance
c) Commercial Geography
d) Defence Organization & Management in India
e) Co- operation
f) Managerial Economic

106. Optional Group (any one of the following)

a) Essentials of E-commerce
b) Insurance & Transport
c) Marketing and Salesmanship
d) Consumer Protection & Business Ethics
e) Business Environment & Entrepreneurship
f) Foundation Course in Commerce

107. Optional Group (any one of languages) MIL / MEL / AIL

Modern Indian Languages (M.I.L.)
Compulsory English / Marathi / Hindi

S.Y.B.Com.

Compulsory Group

201. Business Communication
202. Corporate Accounting
203. Business Economic (Macro)
204. Business Management
205. Elements of Company Law

206. Optional Group (any one of the following)

a) Business Administration
b) Banking and Finance
c) Business Law & Practice
d) Co-operation and Rural Development
e) Cost and Works Accounting
f) Business Statistics
g) Business Entrepreneurship
h) Marketing Management
I) Agricultural and Industrial Economics
j) Defence Budgeting, Finance and Management
k) Insurance, Transport & Tourism
l) Computer Programing & Applications

T.Y.B.Com.

Compulsory Group

301. Business Regulatory Framework (M. Law)
302. Advanced Accounting
303. (A) Indian and Global Economic Development or (B) International Economics
304. Auditing and Taxation

305 Special Subject Papers II (Same Special Subject offered at S.Y.B.Com.)

a) Business Administration
b) Banking and Finance
c) Business Law & Practice
d) Co-operation and Rural Development
e) Cost and Works Accounting
f) Business Statistics
g) Business Entrepreneurship
h) Marketing Management
I) Agricultural and Industrial Economics
j) Defence Budgeting, Finance and Management
k) Insurance, Transport & Tourism
l) Computer Programing & Applications

306 Special Subject Papers - III Offered at S.Y.B.Com Same as 305

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SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED MASTERS DEGREE PROGRAM

Masters Degree in Commerce, (M.Com.)

M.Com is a postgraduate Masters degree focusing on economics, accounting, business and commerce related subjects.

This Program equips students with necessary conceptual, entrepreneurial and analytical skills required for handling the Business Operations. The curriculum focuses on the applied aspects of Business Operations.

The curriculum is concentrated on subject areas such as accounting, economics, statistics, finance or marketing and emphasizes underlying theory.

Objectives: a) To equip and train Post Graduate students to accept the challenges of Business World by providing opportunities for study and analysis of advanced commercial and business methods and processes. **b)** To develop independent logical thinking and facilitate personality development. **c)** To equip the students for seeking suitable careers in Management and Entrepreneurship. **d)** To study by students methods of Data collection and their interpretations. **e)** To develop among students, Communication, Study and Analytical skills.

Eligibility: The student who has passed any Bachelors degree from any recognized University.

M.Com Program Outline

Semester I

Core Papers
101 Management Accounting
102 Strategic Management
Elective papers- Group A
(Advanced Accounting & Taxation)
103 Advanced Accounting
104 Income Tax

Semester II

Core Papers
201 Financial Analysis and Control / Principle of Financial Accounting
202 Industrial Economics / Environment/ Business Statistics/Quantitative application
Elective papers- Group A
(Advanced Accounting & Taxation)
203 Specialized Areas in Accounting
204 Business Tax Assessment & Planning

Semester III

Core Papers
301 Business Finance / Financial System
302 Research Methodology for Business
Elective papers- Group A
(Advanced Accounting & Taxation)
303 Advanced Auditing
304 Specialized Auditing

Semester IV

Core Papers
401 Capital Market and Financial Services / Portfolio Management
402 Industrial Economic Environment/ Operations Research
Elective papers- Group A
(Advanced Accounting & Taxation)
403 Recent Advances in Accounting, Taxation, Taxation and Auditing
404 Project Work / Case Studies

Core Papers are compulsory in all semester

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CONVOCATION CEREMONY OF SURYADATTA'S SCMIRT STUDENTS

Students were conferred degree of Savitribai Phule Pune University

SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Science - Computer Science (B.Sc - CS)

As depicted by the name of the program itself, this involves the study and understanding of computer information processes. This Program lays a strong foundation for a student who wishes to apply for jobs in computer industry. This is three year full-time Program. The Program also consist of assignments, Visits, Seminars and project work. In additions students undergo Personality Development Programs with inputs such as English speaking, Soft Skills and Working Knowledge of Computer.

B.Sc - CS is a three year, full-time, Bachelor Degree Program in Computer Science resulting in Bachelor Degree by the University of Pune.

Eligibility: a) Higher secondary school certificate (10+2) science stream or its equivalent examination as per the University of Pune eligibility norms.

B.Sc. - CS Program Outline

First Year Annual Pattern

Code	Subject Title
MTC 101	Discrete Maths
MTC 102	Algebra and Calculus
MTC 103	Maths Practical
CS 101	Problem Solving Using Computer and 'C' Programming
CS 102	File organization and fundamentals of database
CS 103	Computer Practicals I
CS 104	Computer Practicals II
ELC 101	Principles of Analog Electronics

First Year Annual Pattern

Code	Subject Title
ELC 102	Principles of Digital Electronics
ELC 103	Electronics Practical
Paper I	Statistical Method I
Paper II	Statistical Method II
Paper III	Statistics Practical

Second Year Semester I

Code	Subject Title
CS 211	Data Structures Using C
CS 212	Relational Database Management System
CS 223-I	Data Structure and C++ Practical
CS 223-II	Database Practical and Mini Project
MTC 211	Applied Algebra
MTC 212	Numerical Analysis
MTC 223	Maths Practical
ELC 211	Digital System Hardware
ELC 212	Analog Systems
ELC 203	Electronics Practical
EN 211	Technical English I

Second Year Semester II

Code	Subject Title
MTC 221	Computational Geometry
MTC 222	Operation Research
MTC 223	Maths Practical
CS 221	Object oriented concepts using C++
CS 222	Software Engineering
CS 223-I	Data Structure and C++ Practical
CS 223-II	Database Practical and Mini Project
ELC 221	8051 Architecture Interfacing & Programming
ELC 222	Communication Principles
ELC 203	Electronics Practical
EN 221	Technical English II

Third Year Semester III

Code	Subject Title
CS 331	System Programming
CS 332	Theoretical Computer Science
CS 333	Computer Networks I
CS 334	Internet Programming I
CS 335	Programming in Java I
CS 336	Object Oriented Software Engineering
CS 347	Lab on Syspro and OS
CS 348	Lab on Internet Programming and Programming in Java and Computer Graphics using Java
CS 349	Lab on Internet Programming and Project

Third Year Semester IV

Code	Subject Title
CS 341	Operating System
CS 342	Compiler Construction
CS 343	Computer Networks II
CS 344	Internet Programming II
CS 345	Programming in Java II
CS 346	Computer Graphics
CS 347	Lab on Syspro and OS
CS 348	Lab on Internet Programming and Programming in Java and Computer Graphics using Java
CS 349	Lab on Internet Programming and Project

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SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED MASTERS DEGREE PROGRAM

Masters Degree in Science (Computer Science), M.Sc - CS

The entire Program is a Two year and Four semester full time Program. For three semesters there will be four theory courses and one Lab course. The last semester will be Industrial training/Institutional project. The Lab course of semester I and semester III and one theory course each from semester II and Semester III are departmental courses.

This Program will prepare students to think about programming languages analytically: I Separate syntax from semantics I Compare programming language designs I Learn new languages more quickly I Use standard vocabulary when discussing languages I Understand basic language implementation techniques

This Program focuses on theory which is covered by the textbook readings, lectures, and on the tests. Homework assignments are an integral part of this Program.

M.Sc.-CS is a 2 year - 4 semester full time Program. Program consists of Theory course, lab course and Industrial training / Institutional Projects.

Eligibility: Bachelor of Computer Science (BCS / B.Sc) with 50 % marks (45 % marks for reserved Category)

M.Sc - CS Program Outline

Semester I

Code	Subject Title
CS101	Principles of Programming Languages
CS102	Advanced Networking
CS103	Distributed Database Concepts
CS104	Design and Analysis of Algorithms
CS105	Network Programming

Minimum Credits - 25 Maximum Credits - 25

Semester II

Code	Subject Title
	Core Papers
CS201	Digital Image Processing
CS202	Advanced Operating Systems
CS203	Data Mining & Data Warehousing
Cs204	Project
	Elective Papers
CS205	Programming with DOT NET
CS206	Artificial Intelligence
CS207	Advance Design and Analysis of Algorithms

Minimum Credits - 25 Maximum Credits - 30

From the elective course, Student can select One Course for Minimum Credit & Two Courses for Maximum Credit

Semester III

Code	Subject Title
	Core Papers
CS301	Software Metrics & Project Management
CS302	Mobile Computing
CS303	Soft Computing
	Elective Papers
CS304	Project
CS305	Web Services
CS306	Database and System Administrator
CS307	Functional Programming
CS308	Business Intelligence

Minimum Credits - 25 Maximum Credits - 35

From the elective course, Student can select Two Course for Minimum Credit & Four Courses for Maximum Credit

Semester IV

Code	Subject Title
	Core Paper
CS401	Industrial Training /Institutional Project
	Elective Papers
CS402	Parallel Computing
CS403	Embedded System
CS404	Software Quality Assurance
CS405	Modeling and Simulation

If Students have completed 85 credits within 3 Semester, no need to select any elective course, otherwise students should select appropriate number of Elective courses to complete minimum 100 credits

Core Papers are compulsory in all semester

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GLIMPSES OF SHORT FILM FESTIVAL

SAVITRIBAI PHULE PUNE UNIVERSITY AFFILIATED BACHELORS DEGREE PROGRAM

Bachelor of Science - Animation

B.Sc. Animation Program focuses on creative, innovative film making and professional practice, structurally designed to raise one's creativity up to the industrial mark.

This program lays special emphasis on fundamental traditional skills of animation. Students develop their own innovated creative style of animation. Student will study 2d animation, 3d animation, contemporary animation used in films, television and on the web. This Program helps students to develop strong skills to meet the growing needs of the industry.

Objectives: To familiarize the students with various approaches, methods and techniques of Animation Technology. To develop competencies and skills needed for becoming an effective Animator. | To enable students to manage Animation Projects from its Conceptual Stage to the final product creation. | To train students in applying laws of human motion and psychology 2-D or 3-D characters. | To develop expertise in life-drawing and related techniques. | To apply Audio and Video Production Techniques to an Animation Project.

Eligibility : **a)** Higher secondary school certificate (10+2) or each equivalent examination with English with any 3 science subjects such as Physics, Chemistry, Biology, Mathematics, Geography, Geology, etc. **b)** 3 year diploma course of board of Technical Education conducted by Government of Maharashtra or its equivalent. **c)** Higher Secondary School Certificate (10+2) examination with English & any of the following vocational subjects of 10+2 level (MCVC).

B.Sc - Animation Program Outline

First Year Annual Pattern

Code	Theory Papers
AN-1101	Introduction to Elements of Information Technology
AN-1102	Introduction to Programming Languages
AN-1103	Basics of Animation
AN-1104	Foundation Art
AN-1105	Computer Based 2D Animation
AN-1106	Introduction to Graphics
AN-1107	Elements of 3D Design
AN-1108	Introduction to Mass Communication and Media Literacy

First Year Annual Pattern

Code	Practical Papers
AN-1109	Introduction to Programming languages
AN-1110	Foundation Art & Basics of Animation
AN-1111	Introduction to Graphics + Computer Based 2D Animation
AN-1112	Elements of 3D Design

Second Year – Semester – I

Code	Theory Papers
AN-2101	Value Education
AN-2102	3D Production (Using Software Maya)
AN-2103	Graphics Art (Using Software Adobe Indesign)

Code	Theory Papers
AN-2104	Multimedia Systems
AN-2105	Animation Techniques – I
AN-2106	Production Process – I

Second Year – Semester – II

Code	Theory Papers
AN-2201	Value Education (Skill Development, PersonalityDevelopment, Mind Mapping)
AN-2202	3D Production (Using Software Mudbox)
AN-2203	Introduction to Action Script (Using Software Adobe Flash)
AN-2204	Multimedia Communication
AN-2205	Animation Techniques – II
AN-2206	Production Process – II

Code	Practical Papers
AN-2207	3D Production I & II
AN-2208	Graphics Art Introduction to Action Script
AN-2209	Animation Techniques I & II Production Process I & II

Third Year – Semester – III

Code	Theory Papers
AN-3101	Script Writing
AN-3102	Web Technology
AN-3103	Game Design

Code	Theory Papers
AN-3104	Digital Editing
AN-3105	VFX – I
AN-3106	Creative Thinking

Third Year – Semester – IV

Code	Theory Papers
AN-3201	IPR and Cyber Security
AN-3202	User Interface (UI) Design
AN-3203	Game Production
AN-3204	Motion Graphics
AN-3205	VFX – II
AN-3206	New Media

Code	Practical Papers
AN-3207	• Web Design • User Interface (UI) design • Game Design • Game Production
AN-3208	• Motion Graphics • VFX I • Digital Editing • VFX II
AN-3209	• 100 marks project including-Showreel Portfolio or Animation Project

**Details of syllabus, staff etc. mentioned in this brochure updated as on date of printing. Updates if any will be uploaded on website periodically.

GLIMPSES OF ANIMATION DAY

Glimpses of Guest Lectures & Seminars

As a part of Industry - Institute Interaction, **Suryadatta Group of Institutes Suryadatta College of Management Information Research & Technology (SCMIRT),** Pune had organized a State Level IT Seminars"Careers & Opportunities in IT Sector & how to prepare for successful corporate career in IT%. The summit explored the various avenues in IT sector to students willing to pursue a career in IT. The eminent personalities were present from the IT Sector to guide our students.

Global IT Commune 2016

Shri. Deepak Nathani
Co-Founder & COO, Cybage Software Pvt. Ltd.

Shri. Kailash Katkar
MD & CEO, Quickheal Technologies

Mr. Prasad Devere (Nasscom Chief)

Participant at Global IT Commune @ Suryadatta

CA Manohar Kale
Ex. Officer Pepsi Cola

PLACEMENT ASSISTANCE

The Career Development Cell provides value addition round the clock, besides rigorous academic sessions through Industrial Visits, Guest Lectures, Seminars, and Conferences. Extensive Industry Interface and Knowledge Management activities develop the required skill sets and industriousness. According to the requirement of the industries, we receive requirements from companies for internship / final placements. Placement assistance is given to eligible students as per the institute rules and company policies. Students get the placements based on their overall academic records, soft skills & overall performance in selection process (written test, GD/PI as per the company policy).

Our Alumni and Students are Associated with

for more details visit www.scmirt.org

Alumni Speak

"Every student wants to reach their destination or achieve their goals with lots of support and motivation. So I think this is the place where you get all the things needed to achieve your goals and dreams. And it's my pleasure to be a part of this great institute.."

Prasad Gattewar
TCS, Pune

"SCMIRT is one of the finest institutes of Pune. It has fantastic infrastructure, also supportive, intelligent & caring faculty members. This college motivated me from time to time, encouraged me by giving numerous opportunities to improve my skills, cherishable memories, best of the best faculty members I've ever met in my life, helped me rediscover who I truely am and most important of all... it made me who I am today.

Nachiket Chavan
L & T, Mumbai

"The huge industry - institute interaction, meeting the stalwarts from various sectors, problem focused industrial project works has helped me to get my dream job."

Paarinita Jadhav
Owner
Piyush Fooddss Pvt. Ltd.

"Super campus - Still better Staff and the best part was that all round development of the student that is academic, professional social and personal was taken care of. This has resulted in to creamy placements of almost all the students."

Ronak Dhupia
OPPO Mobiles (Shenzhen, China)

Advantages @ Suryadatta

- **Centrally Located in Pune City, Knowledge Capital of India**
- **Intensive academics through regular class room teaching**
- **Extensive Industry Institute Interaction**
- **Guest Lectures and Seminars**
- **Local Industry Visits**
- **State-of-art Infrastructure**
- **Well Equipped Library**
- **Access to Various Online Journals**
- **Internet Ready Computer Lab**
- **LCD Projectors in Each Classroom**
- **Well Qualified & Rich Experienced Faculty**
- **Personal Caring & Grooming of Students**
- **Scholarship to meritorious students**
- **Tie-ups with leading Nationalised banks for Education loan**
- **Corporate Social Responsibilities (CSR Projects)**
- **Indoor & Outdoor Sports Complex**
- **Value Based Education inculcating Moral Values & Patriotism**
- **Opportunity to Learn Foreign Languages**
- **Preparing foundation for Competitive Exam**
- **Personality Development Sessions**
- **Yoga & Meditation Sessions**
- **Placement Assistance to eligible students**

Mode of Payment

For admission kit & for paying the course fees

Online: Application form can be filled and submitted on our website www.suryadatta.org and make the payment through online transfer in our Suryadatta Education Foundation, IDBI Bank, Sadashiv Peth, Pune Branch, Account Number : 490104000011200, IFSC CODE - IBKL0000490. Also please email the UTR no. / scanned copy of deposit slip on our email admission@suryadatta.edu.in along with your name and course details

Offline: By sending DD drawn in favor of "Suryadatta Education Foundation" payable at Pune alongwith duly filled online form available on our website www.scmirt.org / www.suryadatta.org along with relevant documents.

In person: Application form can be obtained from the campus by cash payment / card / D.D.

Glimpses of Various Events @ Suryadatta

Mr. Tonino Lamborghini, Chairman & MD Lamborghini Group & His Team Visited Suryadatta Group of Institutes, Pune, INDIA

Eminent Leaders & Policy Makers Across the Globe lighted the Lamp
in the presence of Prof. Dr. Sanjay Chordiya, Founder President & Chairman of Suryadatta Group of Institutes
for the event - Global Symposium on "Challenges of 21st Century" held at Bavdhan Campus Pune, INDIA

Miss Pune 2019 - Tanisha Pal
(BBA Student)

APA Miss India 2017 - Komal Sinha
(BBA-CA 3rd Year Student)

Glimpses of Various Events @ Suryadatta

Suryadatta International Alumni & Students Representatives

Pune is the Hub for Quality Education and a preferred destination for International students. Suryadatta International Cell aims to provide support in this sphere. Students from Sudan, Afghanistan, Bangladesh, Nigeria, Tanzania, Kenya, Eritrea, Uganda, Rwanda, etc., have successfully completed their course from Suryadatta Group of Institutes, Pune. Following are the Students / Alumni details from various foreign nations to name a few.

Ahmad Milad
AFGHANISTAN

Fahad Hameedi
IRAQ

Shabir Bashir
AFGHANISTAN

Ali Bayan Talib
IRAQ

Aculdeng Adiang Acuil
SOUTH SUDAN

Shafiaullah Amiri
AFGHANISTAN

Milad Noor Ahmad
AFGHANISTAN

A. H. Meraj
AFGHANISTAN

Zainab
TANZANIA

Akomolafe Vicent
NIGERIA

Nabil Abbas
SUDAN

Farid Ahmad
AFGHANISTAN

Emmanuel Rophel Jada
NIGERIA

Nwonye Blessing Obiageri
NIGERIA

Marwan Mustafa Naji
YEMEN

Abdul Majeed Mohamed
YEMEN

Nasir Ahmad
AFGANISTAN

Akinola Okikiola Blessing
NIGERIA

Jamshid Khaksar
AFGANISTAN

Mohammad Salhy
AFGANISTAN

Godfrey Emmanuel
NIGERIA

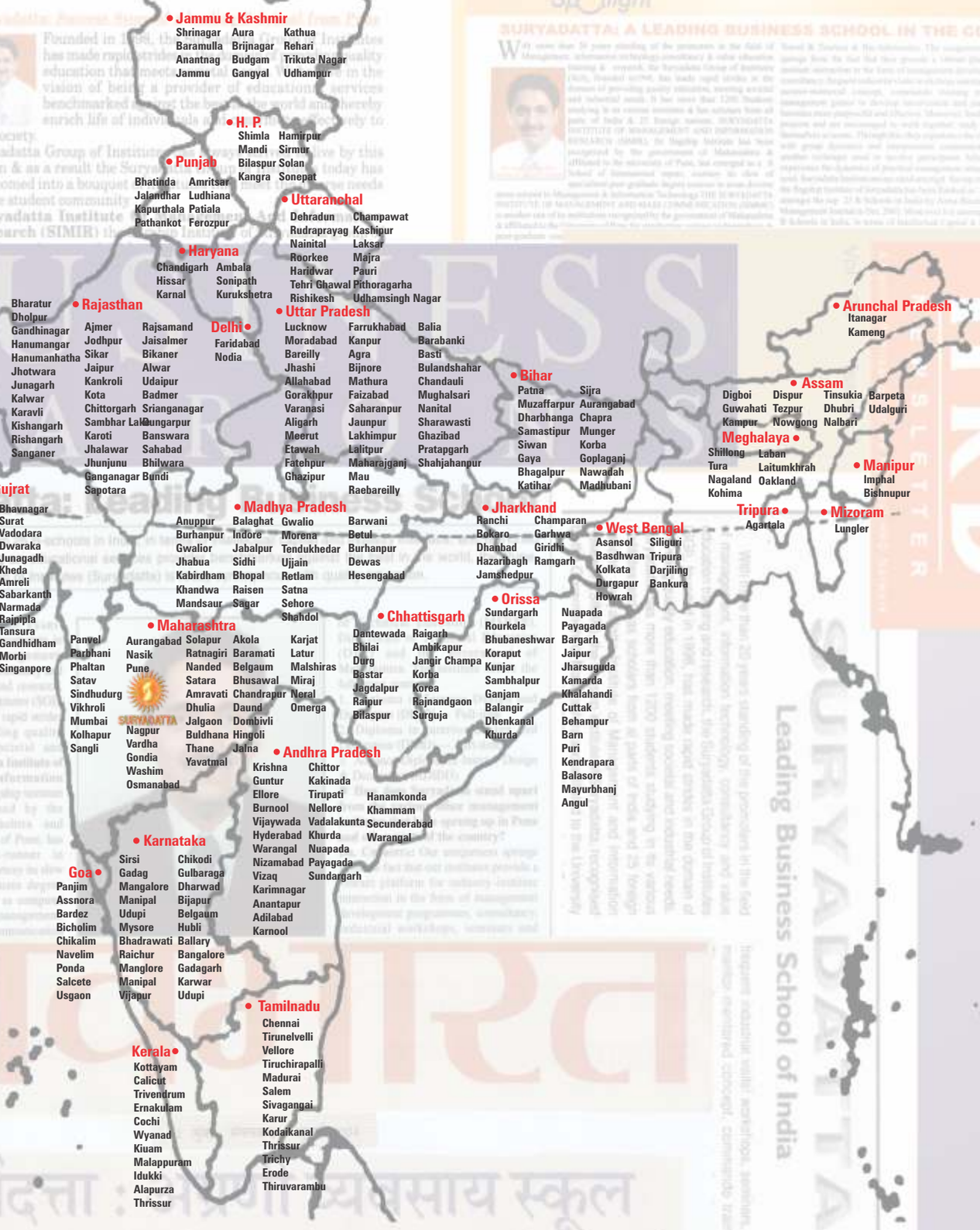
Ayman Isam
SUDAN

Osman Ibrahim Ahmed
SUDAN

Samiullah Sarwari
AFGHANISTAN

Kamiliya Abdul Rahman
TANZANIA

Suryadatta has 55,000 Students & Alumni from all parts of India & from Various Foreign Nations.



Suryadatta has students from different parts of the world.

Knowledge knows no boundaries at Suryadatta ...

COURSES OFFERED BY SURYADATTA GROUP OF INSTITUTES

Trusted Name for Holistic Development and Quality Education @ Affordable Fees with round the year value addition through series of activities and modules to become successful entrepreneur and professional.

SURYA-KIDS
www.suryadattaschool.org

Recognized by Govt. of Maharashtra

Play Group to Sr. KG

Pre-Primary Section

SNS | M. 8378992127, 8956938604

International Standard CBSE Affiliated School
www.suryadattaschool.org

Std. I to Std. XII

Primary, Middle School, Secondary & Senior Secondary School

SNS | M. 8378992127, 8956938604

Junior College & Higher Secondary
www.sjcpune.org / www.spspune.org

Approved by Govt. of Maharashtra

XI & XII

Arts, Commerce & Science

IT / Bifocal & Vocational Courses (MCVC)

SJC & SPS | M. 7774039902, 8956943822

Senior College Management & IT
www.scmirt.org

Savitribai Phule Pune University Affiliated

- B.Com
- BBA
- BBA-CA
- BBA-IB
- BSc-CS
- BSc-Animation
- MSc-CS
- M.Com

SCMIRT | M. 8956932419, 020-67901323

Hotel Management
www.schmtt.org

Savitribai Phule Pune University Affiliated

- B.Sc.-HS

YCMOU Affiliated

- B.Sc.HTS
- B.Sc.HSCS

SCHMTT | M. 8956938603, 8956932408

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www.simmc.org

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SIMMC | M. 9112297602, 8956932418

Multimedia Graphics & Animation
www.suryadatta.org

S. P. Pune University Affiliated

B.Sc. Animation

@ SCMIRT

YCMOU Affiliated

B.Sc. MGA

@ SIVAS

SCMIRT & SIVAS | M. 9112297601, 8956932415

Interior Design
www.sgipiat.org

MSBTE Affiliated

DIDD

Diploma in Interior Design & Decoration

PIAT | M. 8956932416, 020-24325830

Design Institute
www.sgisivas.org

YCMOU Affiliated

Recognized Govt. of Maharashtra

BSc-ID

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YCMOU Affiliated

Recognized Govt. of Maharashtra

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- Digital Marketing
- Animation, Multimedia etc.

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- Event Management @ SIMCEM

Extensive Practical Exposure to Enable Start your own Venture

SIVAS-SIMCEM | M. 8378998124, 24325830

Suryadatta Group - Edu-Socio Connect Initiative offering various voluntary skill based modules & awareness programs Free of cost education to the needy, deserving, economically deprived strata of the society and to devang children.

Enriching Careers, Enhancing Lives for Sustainable Development

Estd. 1999 | Suryadatta Education Foundation's

Suryadatta® College of Management, Information Research and Technology (SCMIRT)

[Affiliated to Savitribai Phule Pune University, approved by DE/DTE & recognized by Government of Maharashtra]

Savitribai Phule Pune University ID No.: PU/PN/CS/229/2005 | College Code: 797

ISO 9001 : 2015 Certified Institute & Accredited by NVT-QC, ANAB & IAF

Admission Office & Institute Campus : Sr. No. 342, Bavdhan, Pune - 411021, Maharashtra, INDIA.

Tel : 020 - 67901300, 67901323 **Mobile :** 8956932419, 8956938605, 8669602053, 9763266829

Email : admission@suryadatta.edu.in | **Website** : ww.scmirt.org, www.suryadatta.org

Enriching Careers, Enhancing Lives for Sustainable Development

For Admission & Counseling
M. 8956932419 / 8956938605

Career Guidance SMS Your Name Course & City : 9881490036

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