

GRAPHICS

WEB
DESIGNING

ANIMATION

VISUAL
EFFECTS

Visualization....

Direction....

Production...!

@SIGMA



Learn while you Earn
Learn while you Earn

Learn while you Earn
Learn while you Earn

Learn while you Learn

Estd. 1999 | Suryadatta Education Foundation's

SURYADATTA[®] INSTITUTE
OF GRAPHICS, MULTIMEDIA & ANIMATION (SIGMA)
Short Duration Certificate, Diploma & Advanced Diploma Courses



Suryadatta - Enriching Careers & Enhancing Lives Since 1999

About The Suryadatta Group Of Institutes

The Suryadatta Education Foundation was established in the year 1999, primarily to develop self motivated leaders to be successful in the challenging and vibrant global economy. The promoters and core team have individually more than 20 years of rich corporate experience in various streams of Management, Information Technology, Media and Mass Communication, 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 experience and knowledge guide the activities of the Foundation.

The Suryadatta family has blossomed into a bouquet of academic institutions in a number of disciplines such as School (CBSE), Junior College, Management, Information Technology, Bio-Informatics, Bio-Technology, Travel and Tourism, Hotel Management, Media & Mass Communication, English & Foreign Languages, Interior Designing, Fashion & Jewellery Design, Event Management, Sports Academy, Beauty & Wellness, Creative Arts, Vocational and Advanced Studies. Students from many foreign nations and from all parts of India are pursuing education at the various Suryadatta Institutes.



About The Founder President & Dean Academics

Prof. Dr. Sanjay B. Chordiya, Founder President & 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 is the Chairman of the SME Chamber of Commerce, Pune Chapter and also 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 & 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 & 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. On 12th February 2017, 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 & State President of All India Consumer Protection Committee.

Prof. Dr. Sanjay B Chordiya
Dean Academics



Vision

To be a World Class Centre of Excellence in Innovative learning, combining the best of Indian sensibilities with a Western outlook and to be rated as a Premier Educational Institute, offering contemporary education using State - of - the Art technology, spearheading high quality research, besides providing expert training and consultancy services catering to ever changing needs of the Industry and Society.

Mission

- Create multi – faceted professionals in emerging disciplines, attuned to a rapidly evolving, volatile global economy.
- Develop sustainable network of reputed academicians and high level achievers in the corporate and social arena.
- Shape a complete human being steeped in rich values through a holistic approach to teaching methodologies designed by industry experts.

From the Desk of Vice President



Mrs. Sushama S Chordiya
Vice President

Suryadatta Education Foundation

In now a days Career in Animation has become flourishing. In every section like Educational Material, Advertising Industry, Media, Cine Industry, Gaming etc. There is need of talented Graphic Designers & 2D as well as 3D Animators. Most of the candidates after completing their education from this stream get placements in multi national companies providing animation services on large scale.

Even due to the boom of social media the animation industry is making miracles every now & then. By keeping this in view, at **SIGMA** we are running various Certificate & Diploma programs in 2D & 3D Animation. Suryadatta also offers B. Sc. Animation Degree program of Savitribai Phule Pune University with duration of three years on full time basis at **SCMIRT**.

Message From Advisor



Prof. Shailesh Kulkarni
Advisor

(B.Com, GDID, GDCJ, B.Des.(ID),
3D Animation, Diploma Civil Engg.)

Experience : 30 yrs. Professional & Teaching

The importance of education in the life cannot be understated. It shapes individuals in their formative years and imbues them with values that would govern all their choices in life. Our prime motto is to improve quality of teaching and education which will establish the destiny of the nation. In my opinion, education does not only mean answering questions. It means equipping the candidates with the means to find the answers for themselves.

We, at SURYADATTA, Pune provide a full range of facilities to help the students adjust happily and to feel at home. Our experienced and qualified teaching faculties help students to develop qualities that will make them secure and independent as they complete their studies, such as self confidence, enthusiasm for learning, social and generic skills, wholesome attitudes, self-discipline and also an organized approach for solving day to day problems. The world is full of competition. But I feel what to learn & how much to earn that one must decide while learning & earning both. The main objective is to impart design education and providing an opportunity for the students from different contexts to explore, understand and address complex problems and issues of India's changing global positioning. My desk is easily accessible for them those who want to know more and anything about us. Feel free to contact me. I wish all students to get nothing less than success & prizes. I wish them all the very best !

Program Overview

Outsourcing of Animation has become widespread. Many entertainment giants such as The Walt Disney Company and IMAX are beginning to outsource an increasing amount of their animation production to Asian countries, particularly India, while other companies are outsourcing animation from India for commercials and computer games. A factor making India an outsourcing destination for animation films is its vast base of English speaking workforce. Animation, which requires understanding of the English language in order to lip-sync the animated media to the audio dialogue, benefits from this particular talent that the Indian workforce possesses. SIVAS is also creating skilled manpower for the animation market through various training programs.

Short duration Courses in Animation & Graphic Designing offer plenty of opportunities for enthusiastic, talented and hard working youngsters, House Wives, Professionals, Interior Designers, Architects, Civil Engineers. Suryadatta Group of Institutes has always tried to gauge new possibilities in the ever evolving education sector. The world of Animation, as a new frontier of creative job opportunities is evolving rapidly in India remaining true to our spirit of providing students with newer options to discover more possibilities in their career, we offer Autonomous Certificate & Diploma short duration Courses in the field of Animation & Graphic Designing.

Intellectual Capital



Prof. Preeti Chandorkar

Asstt. Professor

M. A. (Eng), Dip. in Comp. Appl. (Exp.: 12 Yrs)



Prof. Shital Kadam

Asstt. Professor

MCA, MCM (Exp.: 10 Yrs)



Ar. Rahil Shaikh

B.Arch Specialization
in Urban Design (Exp. 6 Yrs)



Prof. Jaywant Bhumkar

Asst. Professor

AAASP, B. Sc. Animation (Exp. 6 Yrs)



Prof. Vidya Marathe

Asst. Professor

B.E. (IT), M.E. (Computer Network)(Exp. 3 Yrs)



Mrs. Nutan Gawali

Chief Counsellor & Career Guide
B.Sc. (Agri) PGDA (Exp.: 9 Yrs)

"LITTLE BILL GATES OF INDIA" Master Aman Rehman

Advisory Member of SIGMA

Distinguished Youngest Animator in the world



Area of Specialization -

- 3D Max
- Maya
- Dreamweaver
- Flash
- MS Office
- Toon Boon
- Image ready
- Photoshop
- Aftereffect
- Z Brush
- Fireworks
- HTML
- PageMaker
- Illustrator
- Premier
- Sound Forge
- Wave Lab
- Swish
- GIF Animator.
- And other designing & animation system softwares.

Aman developed interest in computer at the tender age of three years and by now he has attained mastery in a number of fields like PowerPoint, fireworks, Swish, Flash, Excel, word, multimedia, web designing, Dream Weaver, HTML, 3Ds Max & Maya Etc. This Whiz kid has completed 15 months long animation course in just 3 months. Thus, this little wonder has the capacity to offer tough competition even to the adult computer professionals.

His name has been officially sent to the Guinness Book of World Records under the "Young Achiever" category. Approval is awaited.

This child prodigy has won appreciations and accolades from numbers of Institutions/VVIPs/Dignities.

- **Awarded by Suryadatta National Award in 2012 for excellence in the field of Animation & Web Development**
- Got "Award and Cash Prize of 2000 \$"

from The Supreme Master Ching Hai International Association. on 13-06-2009.

- Awarded "UTTARAKHAND RATAN" by Sh. Prakash Nidhi Sharma, Secretary, "All India Conference of Intellectual", on 14-04-2009 at Dehra Dun.
- Awarded for "National Child Award For Exceptional Achievement", 2008 by Smt. Sonia Gandhi, President, Indian National Congress on 5th.feb.2009 at New Delhi.
- Honourable President of India, Smt. Pratibha Devi Singh Patil Ji called at Rastrapati Bhawan, New Delhi to demonstrate Skills in Computer Animation
- Appreciation from Mr. Rahul Gandhi, General Secretary, Indian National Congress.
- Appreciation from the former Chief Minister, Uttarakhand, Shri N.D.Tiwari and then Governor of Andhra Pradesh.
- And he has won many other Awards for which the list is endless.

YCMOU AFFILIATED - DEGREE COURSE

Bachelor of Science - Media Graphics & Animation

Duration : 3 Years

Eligibility : 12th Pass

First Session

- Color Theory
- Computer Graphics Part-I: Adobe Photoshop
- Computer Graphics Part-II: Adobe Illustrator
- Design Principles
- Developing Presentations
- Drawing and Sketching
- Introduction to Computers & Internet
- Introduction to Multimedia and its Application
- Print Media Part-I: Coral Draw
- Print Media Part-II: Quark Express
- Technical and Creative Writing
- Typography

Second Session

- Advance Video Effects
- Audio Editing: Sound Forge
- Computer Animation: Introduction to Flash
- Content Authoring on Web using Macro media Dreamweaver
- Content Digitization
- Developing Dynamic Web pages using Java and VB Scripts
- HTML
- Introduction to Web Development
- Story Boarding
- Video-Editing: Adobe Premier
- Video-Production Basics

Third Session

- Visual Communication
- Advanced 3DS Max
- Advanced Maya
- Animation Principles
- CG Film Making
- Character Animations
- Character Set up & Animation in Maya
- Environment Science
- Introduction to 3DS Max
- Introduction to Maya
- Introduction to UX (Users Experience)
- Project Work

Note :

- These courses needs rigorous hands on exposure therefore students should use there own laptops for practical assignments & for doing various projects works.
- These is syllabus as on date Institute deserve all the rights to abide the syllabus with intimation

2D



Animation Architectural Game Design

Courses offered by SIGMA

Vocational & Skill Development Courses

Diploma Courses Eligibility : X & Above

- Animation (12 Months)
- Architectural Visualization (8 Months)
- Game Design and Development (8 Months)
- Graphic Visual Design (8 Months)
- Graphic Web Design (8 Months)
- Visual Effects (8 Months)



Diploma Course (12 Months Duration on Part time basis)

Animation (Sketching / Flash / Autodesk Maya / Autodesk Max / Mudbox / Motion builder)

- | | | | |
|----------------------|-------------------------------|-------------------------|---|
| • Introduction | • The Maya Interface | • Lights | • Rigging |
| • Basic Interface | • Basic Interface Use | • Character Sets | • Binding Skin |
| • Lines, Circle | • Basics | • Animation | • Animation Editors |
| • Commands | • Curves | • Camera | • Dynamics |
| • Surface Modeling | • Face (Front, Side 1/3) | • Shading of Object | • MEL |
| • Curves | • Nurbs | • Paint Effects | • FUR |
| • Polygons | • Subdivisions | • Cloth | • Still Object (Drawing) |
| • Objects | • Deformer | • Rendering | • Compositing |
| • Character Modeling | • Hyper shade | • Live Object (Drawing) | • Line of action |
| • Texturing | • Models (Male, Female Child) | • B/G Creation | • Introduction to UX (Users Experience) |



Specialized Course (8 Months Duration on Part time basis)

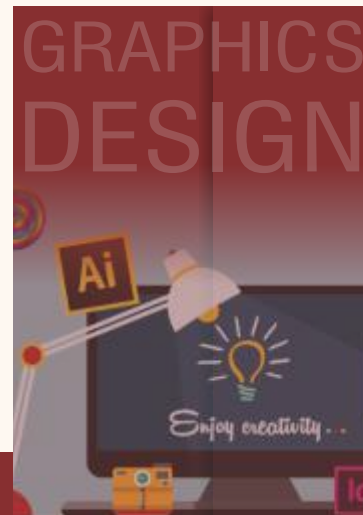
Architectural Visualization (AutoCAD / Autodesk Max / Vray)

- | | | | |
|-------------------------|-------------------------------|--|---------------------|
| • Building Construction | • Graphic Design | • Animating Camera | • Previews |
| • Introduction | • Interface & Basics | • Constraint | • Controllers |
| • Basic Commands | • 2D Splines & Shapes | • Rendering | • Render Parameters |
| • Polygons | • Material Editor | • Schematic View | • Cloth |
| • Shades | • Maps | • Architectural materials | • Baking Textures |
| • Cameras | • Lights | • Particles | • Mental Ray |
| • Parameters | • Sunlight & Daylight Systems | • Surface Deformation using mesh Modifiers | • Passes |
| • Concepts of Animation | • Keys | • Introduction to UX (Users Experience) | |
| • Object Animation | • Camera Animation | | |

Specialized Course (8 Months Duration on Part time basis)

Game Design and Development (Maya / Max / Unity)

- | | | | |
|--|-------------------------------|-----------------------|---|
| • Production Pipeline | • Maps | • Constraint | • Architectural materials |
| • Introduction | • Cameras | • Controllers | • Baking Textures |
| • Interface & Basics | • Lights | • Rendering | • Particles |
| • Basic Commands | • Parameters | • Render Parameters | • Rigid Bodies |
| • Introduction to Modifiers & Modifier Stack | • Sunlight & Daylight Systems | • Xref & Vault | • Mental Ray |
| • 2D Splines & Shapes | • Concepts of Animation | • Schematic View | • Passes |
| • Polygons | • Keys | • Compound Objects | • Max Script |
| • Material Editor | • Object Animation | • Surface Deformation | • Introduction to UX (Users Experience) |
| • Shaders | • Camera Animation | • Hair & Fur | |
| • Compound Material | • Animating Materials | • Cloth | |
| | • Previews | • Composite | |

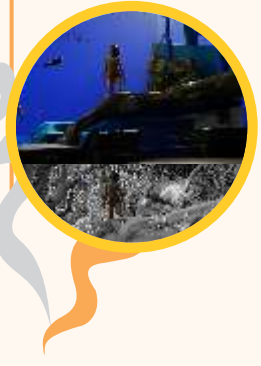




Diploma Course (8 Months Duration on Part time basis)

**Graphic Visual Design – GVD
(Photoshop / Corel Draw / Illustrator / Indesign)**

- Introduction
- Tools & its Properties
- Layers
- Website
- Interface & Basics
- Working with Images
- Filter & Modes
- Animation



**Diploma Course
(8 Months Duration on Part time basis)**

**Visual Effects – DVFX
(After Effects / Soung Forge / Adobe Premiere)**

- Introduction
- Hardware
- Introduction to Adobe After Effects
- Layers
- Basic Effects & Composition Animation
- Advance Compositing Techniques
- Masking
- 3D in After Effects
- Previewing & Rendering Output
- Exercises
- Creating Video Composites with Green Screen Footage
- Sound Editing with Mixture
- Video Editing with final Footage
- Introduction to UX (Users Experience)

**Diploma Course
(8 Months Duration on Part time basis)**

Graphic Web Design – (Photoshop / Dreamweaver / Flash / Java / HTML)

- Introduction
- Tool Panel
- Panels
- Animation
- Coding
- Hardware
- Stage
- Symbol & Tween
- Sort Film
- Introduction to UX (Users Experience)

Career Opportunities

- Animator : Animator plays an important role in making the animation of the film. He makes the characters of the movie go live.
- Graphic Designer : The Graphic Designer designs the logos & various designs that are needed by studios and design companies.
- Story Boarding Artist : The Story Boarding Artist makes the drawings of the story that is used for making Animation by Animator.
- VFX Artist : The VFX Artist makes the visual effects of the film.
- 3D Artist : 3D Artist has various departments like modeling, texturing, Animations & many more.
- Educator : Teach in Animation Institutes as a lecturer, associate professor.
- Editor : On-line or non linear editors in studios.
- Sound Editor : Works as sound editor in studios.



Learning Outcome

The courses leading to short duration Certificate & Diploma programs in 3D ANIMATION & GRAPHICS provide students with knowledge, skills and training necessary to practice the 2D & 3D Animation & Graphics Design Profession at advanced level. The major aim is to make a platform available for the grass root level peoples to show their skill & creativity in high profile media profession. Another aim is to make highly creative animators & confident professional. After successful completion of these courses, students can bring about betterment in their prospects towards independent practice. He / She can enter the professional field of specialized entrepreneurship such as freelance animation or work with firm's consultants, animation studios etc.



Certificate Courses (2 / 3 Months Duration on Part time basis)

MS-CIT

Maharashtra State - Certificate in Information Technology



MKCL
KLiC Diploma
Gateway to Knowledge Lit Careers

Maharashtra Knowledge Corporation Limited (MKCL) was promoted by the Department of Higher and Technical Education, Government of Maharashtra, India and was incorporated to create new paradigm in education and development through universalization and integration of Information Technology in teaching, learning and educational management processes in particular and socio-economic transformative processes in general.

MS-CIT is an Information Technology (IT) literacy course started by MKCL in the year 2002. It has made more than 1 crore learners IT literate till date. It is the most popular IT Literacy course in Maharashtra.

MS-CIT Course Contents

Computer Basics	21st Century Study Skill	Presentation Graphics (Microsoft PowerPoint 2013)
Operating System (Windows 7)	21st Century Job Skill	Personal Information Manager (Microsoft Outlook 2013)
21st Century Life Skill	Word Processing (Microsoft Word 2013)	Typing Test
21st Century Citizenship Skill	Spreadsheet (Microsoft Excel 2013)	Computer Ethics, Privacy and Security

KLiC courses offer employability skills development in many varied disciplines like Multimedia and Animation, Illustration, Programming, Publishing, Web designing/ Video editing, AutoCAD, Personal Financial Management, Hardware and Networking.

Creative Design		Finance	
Content Illustration		Basic Accounting with Tally ERP	
Photo Editing		Financial Accounting with Tally ERP	
Graphic Designing		Advanced Tally ERP	
AutoCAD		Web Designing	
Desktop Publishing (with CorelDRAW)		Web Designing	
Desktop Publishing (with Adobe)		3D	
Computer Programming		3D Modeling	
C Programming		3D Texturing	
C++ Programming		Audio & Video editing	
SCRATCH		Video Editing	
Hardware & Networking		Business management	
IT Hardware Support		Advanced Excel	
IT Network Support		Presentation Designing	
IT Security Support		Office Assistance	
Desktop Support			



SURYADATTA® COLLEGE

OF MANAGEMENT, INFORMATION RESEARCH & TECHNOLOGY (SCMIRT)

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Tel : 020 - 67901300 Mobile : 8956943821, 8956938605 Email : admission@suryadatta.edu.in | Website : www.scmirt.org

Affiliated to Savitribai Phule Pune University

ISO 9001 : 2008 Certified Institutes & Accredited by NVT-QC, ANAB & IAF

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📞 Career Guidance
9881490036

📞 Whatsapp
9763266829

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BACHELOR OF SCIENCE IN ANIMATION (B.Sc.-Anim.) - 3 Years

Star Performers of B. Sc. Animation @ (SCMIRT)



Brijesh Dongre
B.Sc. Animation
2nd Year Student

From Amravati

“ The experience that I gained at Suryadatta was a start up for something bigger. At Suryadatta, I discovered the pleasure of meeting people who posses helping tendency without any ego. The faculties at Suryadatta are always available to help with their suggestions. I can't forget the activities organized like Suryadatta Flick Short Film Festivals 2k16. I will never forget the fresh approach to see the world that I've learnt at Suryadatta. Thanks a lot Suryadatta.”



Nikhil Jain
B.Sc. Animation
2nd Year Student

From Akola

“ I'm glad to write down my experience as a student in Suryadatta. I enrolled myself at Suryadatta, for B.Sc. Animation a year back and within a short period, I've learnt many new techniques that I'll use for my lifetime. The faculty here are very friendly, talented, creative and helpful. I am really thankful to all the faculties and management for guiding me for the best career.”



Nikhil Kakade
B.Sc. Animation
2nd Year Student

From Chandanpur

“I'm Nikhil Kakade from Chandrapur, I have done my 12th recently & taken admission for my first year B.Sc. Animation in Suryadatta. Suryadatta helps me to develop my technical and creative skills. The institute has highly configured systems and facilities.”



Ms. Kajal Pathak
B.Sc. Animation
2nd Year Student

From Pune

“ I Completed First year with Distinction. Due to my lots of interest towards the creative field, I joined Suryadatta. Though I was new to the field, Suryadatta gave me a clear understanding of what animation is. The staffs at Suryadatta handled the students in a very good manner. Their teaching methodology is really great. Thanks to Suryadatta and the staff.”



Mr. Amit Kumar
B. Sc. Animation
2nd Year Student

From Ranchi

“I want to become Animator. So, I joined Suryadatta for Graphic, Animation & VFX. It is a great experience being a student of Suryadatta. It is not only a place of learning but the best training institute with good infrastructure, latest equipments and industry-standard curriculum.”

Infrastructure Facilities



Classroom



Computer Lab



Seminar Hall



Library



ENABLING SUSTAINABLE DEVELOPMENT

Estd. 1999 | Suryadatta Education Foundation's

SURYADATTA INSTITUTE OF GRAPHICS, MULTIMEDIA AND ANIMATION (SIGMA)

Visualization.... Direction.... Production...! @ SIGMA

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& Enhancing Lives

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7774039904

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9881490036

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9763266829

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