

GRAPHICS

WEB
DESIGNING

ANIMATION

VISUAL
EFFECTS

Visualization....

Direction....

Production...!

@SIGMA



Learn while you Learn
Learn while you Learn

Learn while you Learn
Learn while you Learn

Learn while you Learn

Estd. 1999 | Suryadatta Education Foundation's

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



Celebrating 18th Glorious Year of Academic Excellence !

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
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. Sajay 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 Engineer & 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. Recently he has been Felicitated as a Distinguished Alumni of COEP.



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**.

From the Desk of Director



Prof. Shailesh Kulkarni

Director

(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)



Ms. Suhita Sharma

Asstt. Professor

B.A., PGDBM, Graphic / Web Des. (Exp.: 2 Yrs)



Mr. Rahul More

Animation Faculty

B.A., Diploma in F. D., Multimedia, Ani. (Exp.: 14 Yrs)



Mrs. Pallavi Hadap

Animation Faculty

3D Animation, Roto Artist in VFX (Exp.: 2 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 at present Governor of Andhra Pradesh.
- And he has won many other Awards for which the list is endless.

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 has 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.”

2D



Animation
Architectural
Game
Design



Courses offered by **SIGMA** Eligibility : X & Above

Diploma Courses

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

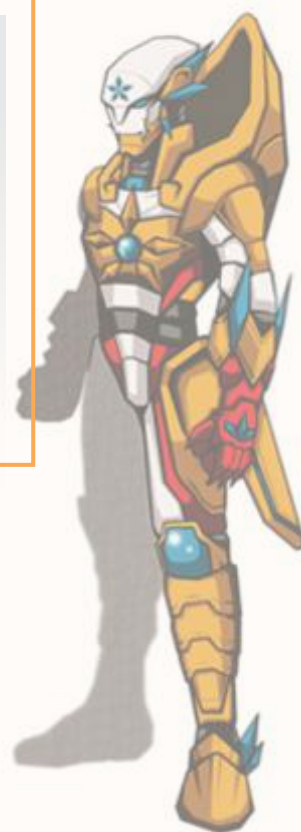
Certificate Courses

- 3D Animation (6 Months)
- 2D Animation (3 Months)
- Photoshop (2 Months)
- Illustrator (2 Months)
- Corel Draw (2 Months)
- In-Design (2 Months)
- AutoCAD (2 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 | |



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 | • Surface Deformation using mesh Modifiers | • Baking Textures |
| • Cameras | • Lights | • Architectural materials | • Mental Ray |
| • Parameters | • Sunlight & Daylight Systems | • Particles | |
| • Concepts of Animation | • Keys | • Passes | |
| • Object Animation | • Camera Animation | | |

Specialized Course (8 Months Duration on Part time basis)

Game Design and Development (Maya / Max / Unity)

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





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)

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

- Introduction
- Tool Panel
- Panels
- Animation
- Coding
- Hardware
- Stage
- Symbol & Tween
- Sort Film

Diploma Course (8 Months Duration on Part time basis)

Visual Effects – DVFX (After Effects / Sonage Forge / Adobe Premiere)

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

Certificate Course (6 Months Duration on Part time basis)

3D Animation (Autodesk Max / Autodesk Maya / Autodesk Mudbox)

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

Certificate Courses (3 Months Duration on Part time basis)

2D Animation (Sketching / Classical Animation / Flash)

- Introduction
- Anatomy
- Color theory
- Hardware
- Design Principles
- Character Designing
- Fundamentals of Art
- Layer
- Storyboard

Editing (After Effects / Premiere)

- Introduction
- Terminologies
- Hardware
- Introduction to Adobe Premiere Pro
- Real Time Editing
- Transitions
- Color & Opacity
- Motion Paths
- Special Effects
- Integrating Premiere Pro with Other Softwares
- Fundamentals of Multipoint editing
- Titles & Credits
- Advance Editing – 1 Single Frame Techniques
- Advance Editing – 2 Nested & Multiple Sequences
- Audio



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 Months Duration on Part time basis)

Certificate in Illustrator

- Introduction to Adobe Illustrator
- Drawing & Transforming Objects
- Making & Saving Selections
- Working with Shapes & Objects
- Gradients, Pattern Fills & Blends
- Working with Type
- Illustrator Effects
- Outputting your work
- Working with Documents
- Working with Colour
- Points & Paths
- Working with Paths
- Working with Layers
- Drawing & Painting
- Symbols

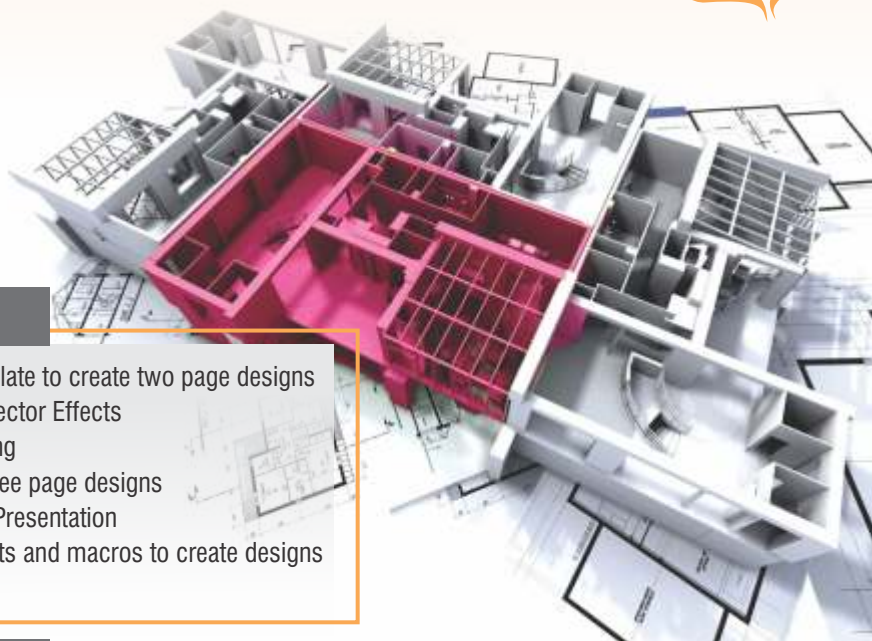


Certificate in Photoshop

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

Certificate in Corel Draw

- Getting to know the workspace & fonts
- Creating a simple report cover
- Using the toolbox
- Using Color
- Drawing & Editing Objects
- Creating Design Options
- Using Photographs in Designs made
- Using Template to create two page designs
- Bitmap & Vector Effects
- Data Merging
- Creating three page designs
- Slideshow Presentation
- Using Scripts and macros to create designs



Certificate in AutoCAD

- Introduction to CAD
- Layers
- Orthographic Drawings
- Perspective Drawings
- Selections Method
- Plotting
- Basics of CAD
- Dimensioning
- Design Centre
- Script Files
- Creating Isometric & Perspective Drawings
- Modifying AutoCAD Drawings
- Creating & Editing Hatching Utilities / Text
- Enquire information – List, Id, Dist. Area
- Annotations & Dimensions
- Drawing Settings
- Isometric Drawings
- Editing the Drawings
- Scale Setting
- Import & Export
- Creating Orthographic Drawings
- Creating & Editing Blocks
- Xref
- Plotting

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.

Certificate in In-Design

- Introduction to Adobe In-Design
- Creating & Viewing Documents
- Understanding your workspace
- Working with Type
- Working with Graphics
- Formatting Objects
- Working with Color
- Points & Paths
- Managing & Transforming Objects
- Character & Paragraph Formatting
- Using Styles
- Tables Long & Interactive Documents
- Packaging & Printing

SURYADATTA[®] COLLEGE OF MANAGEMENT, INFORMATION RESEARCH & TECHNOLOGY (SCMIRT)

Affiliated to Savitribai Phule Pune University
ISO 9001 : 2008 Certified Institutes & Accredited by NSF - ISR & ANAB

Course offered by SCMIRT

BACHELOR OF SCIENCE - ANIMATION (3 Years)

Admission Office & Institute Campus : Sr. No. 342, Patil Nagar, Bavdhan (Bk), Pune - 411021, Maharashtra, India.

Tel : 020 - 67901300, 67901354 Mobile : 8956943821, 8956938605 Fax : +91 20 67901333

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

☎ Course Counseling
M. 8956943821 / 38605

☎ Help Desk Call
8956943821

☎ Career Guidance
9881490036

☎ Whatsapp
9763266829

Follow us on :
f t e YouTube LinkedIn

SIGMA Infrastructure



Design Studio



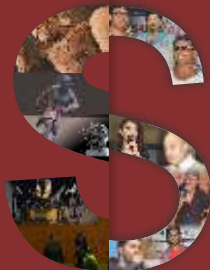
Computer Lab



Library



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



Learn while you Learn

Learn while you Learn



Estd. 1999 | Suryadatta Education Foundation's

SURYADATTA[®] INSTITUTE OF GRAPHICS, MULTIMEDIA AND ANIMATION (SIGMA)

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

Admission Off. & Institute Campus : 2074, Sadashiv Peth, Vijayanagar Colony, Pune 411030

Phone : 020-24325830 / 40, 020-24336000, 8956932405, 8956932415



☎ Career Counseling
8378998125 / 8956932415 / 8956932405

☎ Help Desk Call
7774039904

☎ Career Guidance
9881490036

☎ Whatsapp
9763266829

@ Email
admission@suryadatta.edu.in

For Live Chat visit :
www.suryadatta.org

Download our app from
Play store - Suryadatta

Follow us on :
f t e YouTube LinkedIn

Celebrating 18th Glorious Year of Academic Excellence !