

# SKILLING YOUTH FOR THE TECHNOLOGICALLY ADVANCED WORLD



# ASCENT

Alliance for Skill & Capacity Enhancement with Technology

*A collaboration to drive excellence in quality vocational training and enhance employability in India*



Tech Mahindra in collaboration with GIZ under the ASCENT Project (Alliance for Skill and Capacity Enhancement with Technology) supports quality vocational training amongst youth in India. The project ASCENT focus on enhancing the employability of India's youth in the allied sectors of Healthcare, Logistics and Digital Technologies and contributing to a Sustainable Vocational Education Training (VET) ecosystem in India.





## PHP Full Stack Developer

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

## COURSE OBJECTIVES

The certificate course on PHP Full Stack has been designed to cater to the growing demand of back-end developers in the digital era. The course also trains students to code using PHP, My SQL, Bootstrap, Python Basics, Angular Java, AJAX, Dreamweaver, and more. The PHP Full Stack course provides sound theoretical knowledge along with the required practice to build efficient PHP/Full Stack modules, solve complex website architectural challenges, build APIs and back-end integration of data storage solutions.

The PHP web development course curriculum covers the following topics:

- ▶ Adobe Photoshop
- ▶ JavaScript
- ▶ MySQL
- ▶ Basic Coding C
- ▶ Bootstrap
- ▶ Laravel Framework
- ▶ HTML & CSS
- ▶ jQuery
- ▶ AngularJS/React JS (AJAX and Dreamweaver/Any other IDE - Integrated Development Environment are in-built)
- ▶ WordPress
- ▶ PHP



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 19 years
- ▶ Duration - 4 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
- ▶ On-the-job Training Partner\*

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## UI/UX Development

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

## COURSE OBJECTIVES

The UI/UX Developer course is designed to equip students/freshers and experienced professionals to get hands-on practical training to develop responsive, bugless and secured websites and virtual apps for better mobility and management of online traffic web zones. Along with the skill sets required to develop software layouts, they will also be trained in design to create modern, eye-catching and effortless interfaces to attract the end-users. The UI/UX Developer course will be a combination of practical as well as theoretical knowledge to hone skills and utilize incumbents' creativity to develop modern frameworks, visual designs for any type of requirement. The course pedagogy will make the students job-ready for the digital technology industry.

The UI/UX Development course curriculum covers the following topics:

- ▶ Basic Coding C
- ▶ Adobe Photoshop
- ▶ Bootstrap
- ▶ Figma
- ▶ HTML & CSS
- ▶ Adobe XD
- ▶ jQuery
- ▶ XAMPP
- ▶ WordPress
- ▶ Adobe Behance
- ▶ AngularJS/React JS
- ▶ UX Design Concepts
- ▶ Adobe Illustrator
- ▶ JavaScript
- ▶ Dreamweaver



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 18 years
- ▶ Duration - 4 Months

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
- ▶ On-the-job Training Partner\*

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## Graphic Design

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☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

## COURSE OBJECTIVES

The Graphic Design course is designed to train individuals to convey messages with visual communication and presentation. As part of the course, students learn to use a combination of typography, visual arts and page layout techniques to produce both print & digital designs. Not just that, the course imparts knowledge to apply the principles and elements of design in branding and advertising.

The Graphic Design course curriculum covers the following topics:

- ▶ Basic Drawing
- ▶ CorelDraw
- ▶ Adobe InDesign
- ▶ Adobe Photoshop
- ▶ Adobe Illustrator
- ▶ Portfolio Designing



## ELIGIBILITY

- ▶ Education - Class 12
- ▶ Minimum Age - 18 years
- ▶ Duration - 4 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
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## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## .NET Full Stack Development

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

## COURSE OBJECTIVES

The certified .NET training course is a program to train students to develop windows applications, web applications and Web APIs. The training will help the student build efficient reusable modules, solve complex website architectural challenges, build APIs and back-end integration of data storage solutions.

The dot NET Full Stack Development Course curriculum covers the following topics:

- ▶ Basic Coding C
- ▶ SQL Server
- ▶ ADO.NET
- ▶ HTML & CSS
- ▶ WordPress
- ▶ MVC
- ▶ Web API
- ▶ Web API
- ▶ C#
- ▶ Object Oriented Programming System (OOPs)
- ▶ AngularJS/React JS
- ▶ Bootstrap
- ▶ ASP.NET
- ▶ Windows Forms
- ▶ Json
- ▶ Adobe Photoshop



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 19 years
- ▶ Duration - 4 Months

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
- ▶ On-the-job Training Partner\*

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## Java Full Stack Developer

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

# COURSE OBJECTIVES

The Java Full Stack Developer Course has been designed to train individuals to build extensive knowledge and become trained in Full Stack tools, modules and frameworks that work with java and includes working with core Java, APIs and more tools that make the building of web apps easy. As part of the course, youth are trained to code using JavaScript, Bootstrap, jQuery, AJAX, Dreamweaver. The Java Full Stack Course aims to provide various web development concepts and sound theoretical knowledge using the Java programming language with the required practice to build secure websites and web applications.

The Java Full Stack Developer course curriculum covers the following topics:

- ▶ Basic Coding C
- ▶ HTML & CSS
- ▶ WordPress
- ▶ Adobe Photoshop
- ▶ JavaScript
- ▶ Bootstrap
- ▶ jQuery
- ▶ Core Java
- ▶ Object Oriented Programming System (OOPs)
- ▶ Java Built-in packages and API
- ▶ Java Collection Frameworks
- ▶ J2EE
- ▶ Jshell
- ▶ Spring
- ▶ Eclipse or any other Integrated Development Environment (IDE) with in-built C Language



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 19 years
- ▶ Duration - 4 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
- ▶ On-the-job Training Partner\*

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## Digital Marketing

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

# COURSE OBJECTIVES

The Digital Marketing course of Tech Mahindra SMART Academy for Digital Technologies will train students to promote brands using websites, social media, blogs, digital advertisements, email campaigns etc. The Digital Marketing course will help the students to understand the foundations of the digital marketing landscape and will be able to create new stories, concepts, tools etc. to promote and distribute the services and products.

The Digital Marketing course curriculum covers the following topics:

- ▶ Website Planning and Creation using WordPress
- ▶ Search Engine Optimization (SEO)
- ▶ Search Engine Marketing (SEM)
- ▶ Social Media Optimisation (SMO)
- ▶ Social Media Marketing (SMM)
- ▶ Accelerated Mobile Pages (AMP)
- ▶ Blogging
- ▶ Google Ads and Bing Ads
- ▶ Google Analytics
- ▶ YouTube Marketing
- ▶ Email Marketing
- ▶ SMS Marketing
- ▶ WhatsApp Marketing
- ▶ Affiliate Marketing
- ▶ Adobe Photoshop



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 18 years
- ▶ Duration - 4 Months

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies
- ▶ On-the-job Training Partner\*

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## AWS re/Start Program on Cloud Computing

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

# COURSE OBJECTIVES

The Amazon Web Services (AWS) re/Start cloud computing course is a classroom-based skills development and training program that is being offered to prepare youth/individuals for careers in cloud computing technology. The candidates will be trained through scenario-based exercises, hands-on labs, supported by suitable coursework and toolkit. Additionally, they will also acquire the technical and soft skills required for an entry-level cloud role.

The AWS re/Start cloud computing course curriculum covers modules on the following::

## Technical Skills:

- ▶ How cloud computing works
- ▶ Amazon Web Services (AWS) Cloud Skills
- ▶ Different Programming Languages (Linux & Python)
- ▶ Basics of Networking, Security & Relational Database
- ▶ Build skills aligned with AWS Certification- you'll prepare for the AWS Certified Cloud Practitioner Certification

## Behavior & Mindset Skills:

- ▶ Effective Communication
- ▶ Problem Solving
- ▶ Teamwork
- ▶ Time Management



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 21 years
- ▶ Duration - 12 Weeks

## CERTIFICATION

- ▶ Course certificate will be issued by the Tech Mahindra SMART Academy for Digital Technologies, students will also pursue the AWS Certified Cloud Practitioner exam and get a voucher to take the exam without charge

## FACILITIES

- ▶ Fully equipped lab with latest software
- ▶ Online & Personalised Classroom Training\*

## CAREER ASSISTANCE

- ▶ Besides the professional skills, the course emphasizes on imparting the required employability skills like behavioral and interview coaching along with soft skills to the students
- ▶ Placement assistance will be provided

\*\*Candidate will have to deposit INR 3000 as a refundable security deposit at the time of admission which will be refunded upon successful completion of the course & taking-up exam.



## Google Cloud Computing

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)



# COURSE OBJECTIVES

The Google Cloud Computing Technology program is an online skills development and training that is being offered to youth/individuals for entry-level careers in cloud computing technology. Candidates applying for the Google Cloud Training program in Mohali, Hyderabad and Visakhapatnam will get the opportunity to utilise hands-on labs, assessments and capstone projects based on various cloud computing technology concepts. They will get to learn the Google Cloud Fundamentals and tools including cloud infrastructure, application development, big data, machine learning etc. to meet the industry requirements.

The Google Cloud Learning Pathway features:

<b>Introduction to Cloud</b> Modules <ul style="list-style-type: none"><li>▶ Cloud Computing Fundamentals</li><li>▶ Infrastructure in Google Cloud</li><li>▶ Networking &amp; Security in Google Cloud</li><li>▶ Data, ML, &amp; AI in Google Cloud</li></ul> <i>&amp; more...</i>	<b>Cloud Engineer</b> Modules & Skill Badges <ul style="list-style-type: none"><li>▶ Creating &amp; Manage Cloud Resources</li><li>▶ Perform Foundational Infrastructure Tasks</li><li>▶ Setup &amp; Configure a Cloud Environment</li></ul> <i>&amp; more...</i>	<b>Data Engineer</b> Modules & Skill Badges <ul style="list-style-type: none"><li>▶ Create &amp; Manage Cloud Resources</li><li>▶ Perform Foundational Data, ML, &amp; AI Tasks in Google Cloud</li><li>▶ Insights from Data with BigQuery</li></ul> <i>&amp; more...</i>
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## ELIGIBILITY

- ▶ Education - Graduates / Pursuing last semester of B.Tech/BCA/B.Sc IT
- ▶ Minimum Age - 18 years
- ▶ Duration - 3 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Faculty-led Online

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities



## Android Development

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

## COURSE OBJECTIVES

The Android Development course has been designed to cater to the growing opportunities in Android's future where students are trained to code using Adobe XD, JAVA for Android, UI in Java (SWT), ANDROID SDK, ANDROID STUDIO, APIS, SQL, Android Debug Bridge (adb) Tool and more. Learn to build a great user experience for Android devices and test a cloud-connected android application for smartphones and tablets. Know more about the best practices, tools and patterns of mobile development and Android development.

The Android Application Development courses curriculum covers the following topics:

- ▶ Adobe XD
- ▶ ANDROID SDK
- ▶ SQL
- ▶ JAVA for Android
- ▶ ANDROID STUDIO
- ▶ Material Design
- ▶ UI in Java (SWT)
- ▶ Android Development
- ▶ Android Debug Bridge (adb) Tool
- ▶ HTML, CSS & XML
- ▶ APIS



## ELIGIBILITY

- ▶ Education - Graduate
- ▶ Minimum Age - 20 years
- ▶ Duration - 6 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## Visual Effects (VFX)

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)

# COURSE OBJECTIVES

The Visual Effects or VFX course will train students in learning the art, techniques and software for animation/special effects. The course curriculum and objective of VFX has been designed keeping in mind all the fundamentals and advanced techniques required to become a successful VFX artist. The course pedagogy will train students in various VFX software such as Photoshop, Premiere Pro, and more.

The VFX course curriculum covers the following topics:

- ▶ Adobe Photoshop
- ▶ Adobe Premier Pro
- ▶ Adobe After Effects
- ▶ Adobe Audition
- ▶ Silhouette
- ▶ Roto Paint
- ▶ Blender
- ▶ NukeX
- ▶ 3D Integrity (Autodesk MAYA)



## ELIGIBILITY

- ▶ Education - Pursuing Graduate
- ▶ Minimum Age - 19 years
- ▶ Duration - 12 Months

## FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities





## Video Editing

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)



## COURSE OBJECTIVES

The Video Editing course curriculum is designed to cater to the growing demand of the fast-rising entertainment and digital industry. The course will cover the complete process of modification and re-arrangement of the video through practical training of students on any visual media like videos, film, soundtracks, etc. using professional video editing software such as Adobe Photoshop, Adobe After Effects, and more.

The Video Editing course curriculum covers the following topics:

- ▶ Adobe Photoshop
- ▶ Adobe Premier Pro
- ▶ Adobe After Effects
- ▶ Adobe Audition



## ELIGIBILITY

- ▶ Education - Class 12
- ▶ Minimum Age - 18 years
- ▶ Duration - 4 Months

## FACILITIES

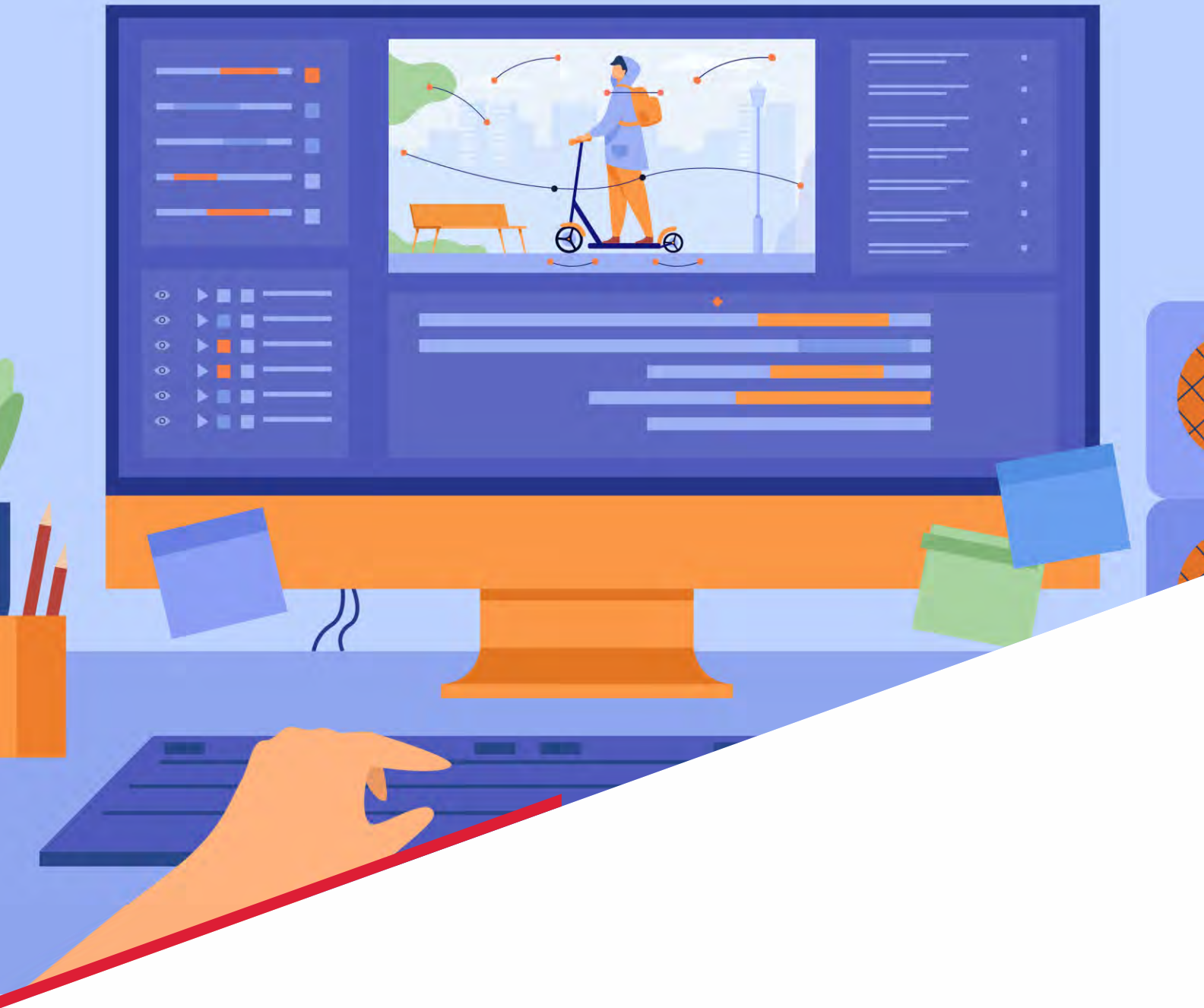
- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

## CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies

## CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities



## Motion Graphics

☎ 1800 123 2297 (Toll Free) | 📞 +91 93118 33590 | 🌐 [www.smart-academy.in](http://www.smart-academy.in)



## COURSE OBJECTIVES

The Motion Graphics Course has been designed to fulfil the growing demand of the creative industry including film, entertainment etc. The course will cover fundamental principles and core processes of motion graphics which includes 3D design, concepts, animation, rendering and more where students will be trained to use various advanced tech platforms such as Adobe Illustrator, Adobe Photoshop, Adobe After Effects, Adobe Premiere Pro, Adobe Audition and Blender.

The Motion Graphics course curriculum covers the following topics::

- ▶ Adobe Illustrator
- ▶ Adobe After Effects
- ▶ Adobe Audition
- ▶ Adobe Photoshop
- ▶ Adobe Premier Pro
- ▶ Blender



### ELIGIBILITY

- ▶ Education - Class 12
- ▶ Minimum Age - 18 years
- ▶ Duration - 6 Months

### FACILITIES

- ▶ Advanced IT Lab with Latest and Original Software
- ▶ Industry Experienced Trainers
- ▶ Smart Classrooms
- ▶ Online & Personalised Classroom Training

### CERTIFICATION

- ▶ Tech Mahindra SMART Academy for Digital Technologies

### CAREER ASSISTANCE

- ▶ Internship & Placement Opportunities



## SALIENT FEATURES

- ▶ World-class Infrastructure
- ▶ Personalised Classroom Training
- ▶ Expert Faculty and Industry-accepted Curriculum
- ▶ Internship / On-the-job Training & Placement Assistance
- ▶ English Speaking, Personality Development, Soft Skills and IT Training

## About Tech Mahindra Foundation

Tech Mahindra Foundation (TMF) is the corporate social responsibility arm of Tech Mahindra Limited, a Mahindra Group Company. Since 2006, the Foundation has been working tirelessly in the areas of education, employability, and disability, with a keen focus on corporate volunteering.

The Foundation works with the mandate that 50% & 10% of its beneficiaries would respectively be women and persons with disabilities. Since 2012-2013, the organization has impacted 393,688<sup>1</sup> direct beneficiaries across all programs. Additionally, the lives of 4<sup>+</sup> million indirect beneficiaries have been impacted through the initiatives across 17 states in India.

<sup>1</sup>As on 31 March 2023

## Our Focus Areas

### EMPLOYABILITY

SMART (Skills-for-Market Training) is the Foundation's flagship employability program to empower youth from socio-economically backward urban communities. It empowers youth from under-served urban communities with requisite employability skills through structured training and helps them get dignified jobs. The program includes imparting Foundation Skills i.e. Spoken English, Basic IT and Workplace Readiness besides trade-specific domain training. The Foundation has been implementing the **SMART** program by establishing a network of SMART Academies and Centres - run both directly and through other partner implementing agencies.

### EDUCATION

The Foundation is dedicated to enhancing school governance, expanding children's learning opportunities, increasing parental involvement in school education and enabling continuous professional development of schools' stakeholders.. This is executed through our Education programs- **ARISE**, **Shikshaantar** and **Mobile Science Lab**. The Foundation works in government schools through its ARISE (All-Round Improvement in School Education) focuses on providing holistic development for children in government schools. Shikshaantar focuses on teacher empowerment and capacity enhancement through contemporary subject matter and pedagogical practice through directly run In-Service Teacher Education Institute (ITEI) and partner projects. The Mobile Science Labs were launched to enhance the educational experience through a bus equipped with hands-on activities of EVS (Science) that visits government schools and facilitates learning of students from Classes 3 to 5.

### DISABILITY

Enabling true ability in persons with disability, Tech Mahindra Foundation strives to build an inclusive society. There is a keen emphasis on facilitating equal learning opportunities for children and youth with disabilities to lead dignified lives. This is done through **ARISE+** (All Round Improvement in School Education for Children with Disabilities) and **SMART+** (Skills-for-Market Training for Persons with Disabilities). ARISE+ is a program that encourages children with disabilities to become a part of mainstream education. The SMART+ program focuses on providing employable market-related entrepreneurial skills and opportunities to youth with disabilities.

### VOLUNTEERING

Corporate Volunteering is at the heart of Tech Mahindra's ethos where Individual Social Responsibilities (ISR) is a way of life. TechM associates volunteer and contribute to driving positive social change while simultaneously enhancing their capacities for empathy and compassion. This is how we *#Rise* and find our joy in giving back to society!



## HYDERABAD

- 📍 C/o Tech Mahindra Campus, Ohri's Towers  
9-1-154, Sebastian Road, Secunderabad  
Telangana 500003

## VISAKHAPATNAM

- 📍 C/o Tech Mahindra Campus, Survey No 44  
Tower 1, Satyam Junction Road, Near Bullaiah  
College, New Resapuvanipalem Village,  
Visakhapatnam - 530003 (AP)

✉ [academy@techmahindrafoundation.org](mailto:academy@techmahindrafoundation.org)

🌐 [www.smart-academy.in](http://www.smart-academy.in)

📞 +91 93118 33590 (WhatsApp)

☎ 1800 123 2297 (Toll Free)

## TECH mahindra FOUNDATION

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Kingsway Camp, New Delhi - 110009

- 📍 Registered Office: Oberoi Gardens Estate, Chandivali  
Off Saki Vihar Road, Andheri (East), Mumbai - 400072

🌐 [www.techmahindrafoundation.org](http://www.techmahindrafoundation.org)

CIN: U85310MH2006NPL160651

