



Khodiyar eSolutions LLP

Consultancy | Training | Software

Engaging, Innovating & Smart Engineering Solutions

- Consultancy
- Training
- Software Sales
- Virtual Reality
- 3D Printing
- 3D Animation

www.khodiyaresolutions.com

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About Us

The seeds of Khodiyar Group were sown in the year 2003 with a vision to provide innovative value propositions in segments of CAD/CAM/CAE in terms of Training, Software Sales and Engineering Consultancy with a firm & forward growth as a conglomerate of companies, known as “Khodiyar”

In year 2020, through a smart integration of digital technologies, processes and competencies, Mr. Nimesh Patel has taken a transformative business decision with establishment of Khodiyar eSolutions LLP (KES) to expand globally and deliver engaging, innovating and smart engineering solutions.

Our Vision

To become the GLOCAL partner with our customers and provide complete engineering solutions in terms of Consultancy, Training, Software Sales, 3D Printing & VR



Our Mission

Providing "India based business advantages" to global organizations with customized approach to suit each individual customer through HIGH VALUED ENGINEERING CENTER (HVEC) – a flexible, cost effective and low risk business engagement model

Our Journey





Khodiyar Infotech

Founded on 16th March 2009, with an aim "to provide innovative technology in terms software sales, services & training through the association with Dassault Systems



Khodiyar CAD Centre

Founded on 8th December 2003, with an aim to "develop Engineers skill in engineering"

2009

2008



KCC IPL

Privatization of Khodiyar CAD Centre in 2008 with an addition of Engineering software sales and services

2020



Khodiyar eSolutions LLP
Consultancy | Training | Software

Khodiyar eSolutions LLP

Founded in 2020, to become the GLOCAL partner with our customers and provide complete engineering solutions in terms of Consultancy, Training, Software, 3D Printing & VR.

Team KES



Our Team Draws On Broad Industry Experience

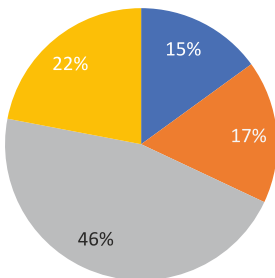
Khodiyar eSolutions LLP is workforce of more than 100+ professionals having a variety of industry experiences & proficiency in application of industry cutting age tools & techniques to deliver efficient & cost effective services in Industrial, AEC (Architecture, Engineering & Construction), Architectural Visualization, Animation, & Virtual Reality segments.

Our team of experienced professionals has an in-depth understanding of projects, excellent project management and on-time delivery makes us the preferred partner for value engineering services.

Team Size

100+

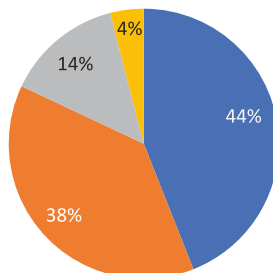
Design, Manufacturing &
Engineering Professionals



- 0 - 2 years
- 2 - 5 years
- 5 - 10 years
- 15+ years

Team Experience

Team Education



- engineering graduates
- diploma engineers
- masters / post graduates
- interns

Our Accomplishments



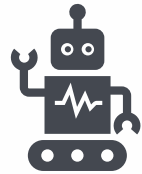
750+

Architectural
Customers



550+

Manufacturing
Customers



300+

Animation
Customers



100+

Service
Projects



20000+

Industry
Placements



60000+

Students
Trained

Engaging, Innovating & Smart Engineering Solutions



Corporate Achievement Awards



It Always Seems
Impossible
Until It's
Done

Engaging, Innovating & Smart Engineering Solutions



KES Consultancy

KES Consultancy focuses on delivering profitable solutions that support & improve the bottom line of the business for customers. Our minimalistic approach translates complex tasks into a more simplified and structured action. KES ventures primarily into five major segments of services – Industrial, AEC, Architectural Visualization, Virtual Reality and Animation & Rendering.

KES looks forward to a long term relationship with customers; hence we have proposed the appropriate engagement models that connect today's leadership thought process. Our current portfolio comprises the business engagement model – offshore development center (ODC) – flexible, cost-effective and low risk customized approach to suit long-term engagement. Our team of experienced professionals has an in-depth understanding of projects, excellent project management and on-time delivery makes us the preferred partner for value engineering services.



Engaging, Innovating & Smart Engineering Solutions

Industrial Services

Design
Services

CAM
Services

CAE
Services

Architecture, Engineering & Construction Services

Architectural
Services

Structural
Services

MEP
Services

BIM
Services

Architectural Visualization Services

Exterior
Visualization

Interior
Visualization

Exterior
Walkthrough

Interior
Walkthrough

3D Product
Visualization

3D Floor Plan
Visualization

Virtual Reality (VR) Services

Industrial
Product &
Process VR

Architectural
Exterior &
Interior VR

Medical
Diagnostics
Training VR
Content

Media &
Entertainment
VR Content

Educational
VR Content

Animation & Rendering Services

Rendering &
Animation for
Product & Process

Animation for
Gaming

Educational
& Training
Animation

Animation for
Advertisement

Animation for
Media &
Entertainment

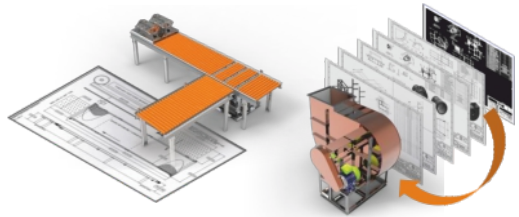
KES Industrial Services



Engaging, Innovating & Smart Engineering Solutions

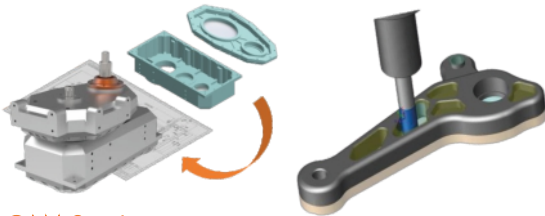
KES combines the maturity of engineering processes, the passion for the latest technology and the access to a diverse ecosystem to deliver value to the customers. With the change in compliance policies and the addition of multiple products into the portfolio, the demand has expanded massively. Team KES, with its competitive edge, facilitates – capable solutions understanding cost optimization to meet the need of an hour.

Our key focus on any project is the in-depth study of the project right from understanding challenges, developing standard procedures to operate, focusing on solutions that can save turnaround time and enhancing productivity synchronizing mechanics dynamically. The best part of the team is that we think like a layman and act as an expert.



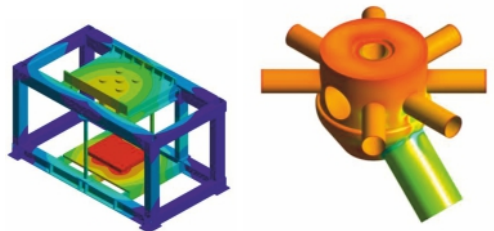
Design Services

- Modeling & Drafting
- Large Data Migration
- Product Design
- Rendering & Animation
- Technical Publication
- CAD Automation



CAM Services

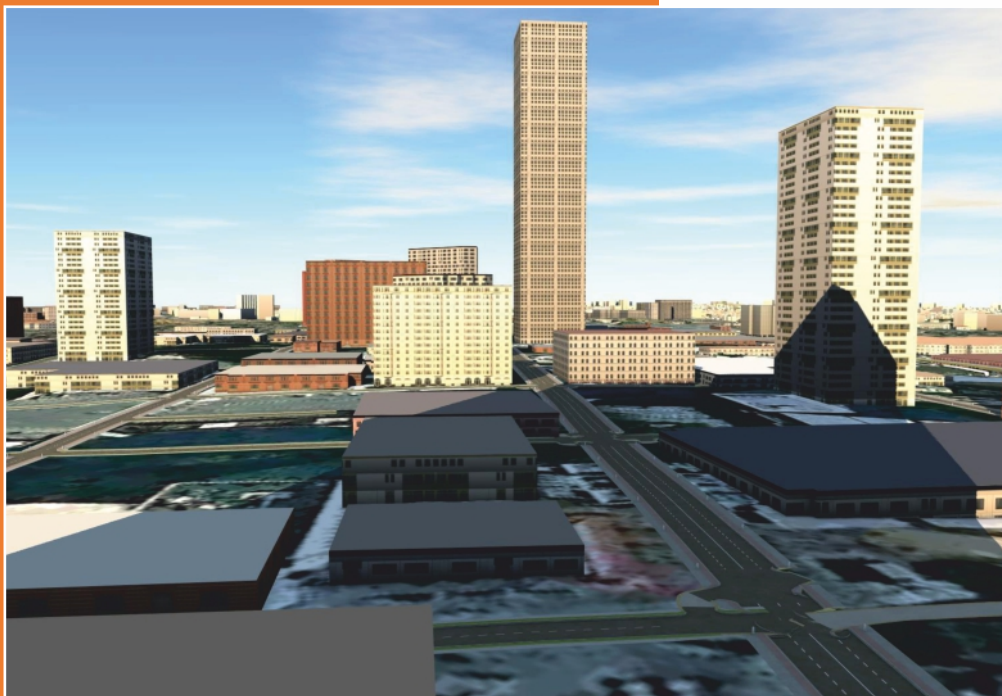
- CNC Programming
- Reverse Engineering
- Rapid Prototyping



CAE Services

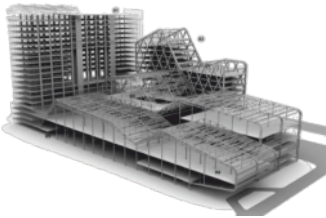
- FEA Simulation
- CFD Simulation
- Design Evaluation & Optimization

KES Architecture, Engineering & Construction Services



Engaging, Innovating & Smart Engineering Solutions

Team KES, with its competitive edge facilitates our clients smart Architecture, Engineering and Construction solutions that reduces their overhead and labor costs, maintaining their alarming project deadlines and delivering expertise with successful outcomes. Right from understanding the challenges involved, our AEC services expert engineers are delivering accurate solutions by synching their deep industry maturity with application on advanced AEC toolsets like AutoCAD, Revit Architecture/ Structure/ MEP, Civil 3D, InfraWorks, Navisworks Manage etc. Our AEC services portfolio is categorized into four major services: Architectural, Structural, MEP and BIM services that includes variety of design, visualization & analysis services required in AEC domain – providing end to end one stop solution from its early stage design through to construction.

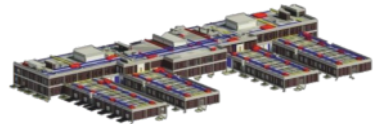
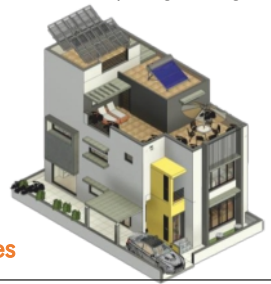


Structure Services

- Structural BIM Modeling.
- Structure CAD Services.
- Structure Quantity Take-off.
- Structural Drawing.
- Structural Shop Drawing.
- Steel Structure Details.

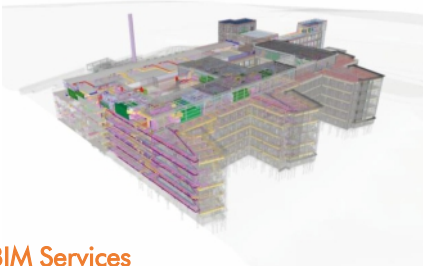
Architectural Services

- CAD Services
- 3D Floor Plan
- Family Creation
- Architectural Quantity
- Constructions Working Drawing
- SCAN to BIM



MEP Services

- MEP CAD Drafting.
- MEP BIM Modeling.
- MEP Family Creation
- MEP BIM Coordination
- MEP Clash Detection.
- As Built Modeling
- MEP Shop Drawing



BIM Services

- BIM Modeling
- Family Creation
- BIM Coordination
- BIM Clash Detection.
- Quantity Take-off Services
- Energy Analysis
- Technical Publication.
- Facility Management

KES Architectural Visualization Services

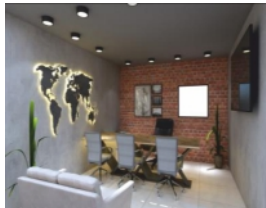


Engaging, Innovating & Smart Engineering Solutions

KES delivers high quality & affordable Architectural Visualization Services to facilitate architects and construction planners to visualize a proposed architectural designs in its preconstruction stage. At KES, our visualization & rendering artists delves deeply to understand your requirements for producing architectural exterior and interior view representation in photorealistic images as well as real life walkthrough animations. That helps project stakeholders to reach to the common ground for making crucial design decisions in early stage by evaluating its various architectural attributes like scale, textures, lighting, ventilation, etc. We also provide emerging Virtual reality services to facilitate your end customers with fully immersive user experience.



Interior & Exterior Visualization Services



Interior & Exterior Walkthrough Services



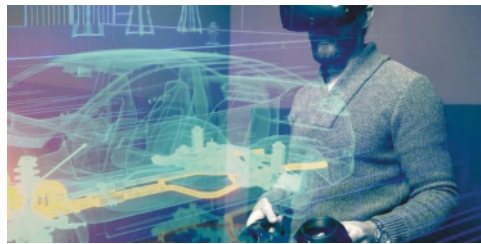
**3D Product Visualization Services
3D Floor Plan Visualization Services**

KES Virtual Reality (VR) Services



Engaging, Innovating & Smart Engineering Solutions

KES is serving businesses with its cutting edge VR services across variety of industry segments to facilitate their end customers with fully immersive user experience. Team KES is capable of removing the barrier of physical world by means of virtual reality technology whether the issue belongs to prototyping, education & training, sales & marketing purposes, user experiences etc. That can save time and overhead cost by performing more productive & efficient operations to deliver impressive impact on to the end users' perception. Our team of experienced professionals has an in-depth understanding of ongoing advancements in VR technology, excellent requirements analysis and on-time delivery which makes us the preferred partner for quality VR services to unleash your future potentials.



Industrial VR

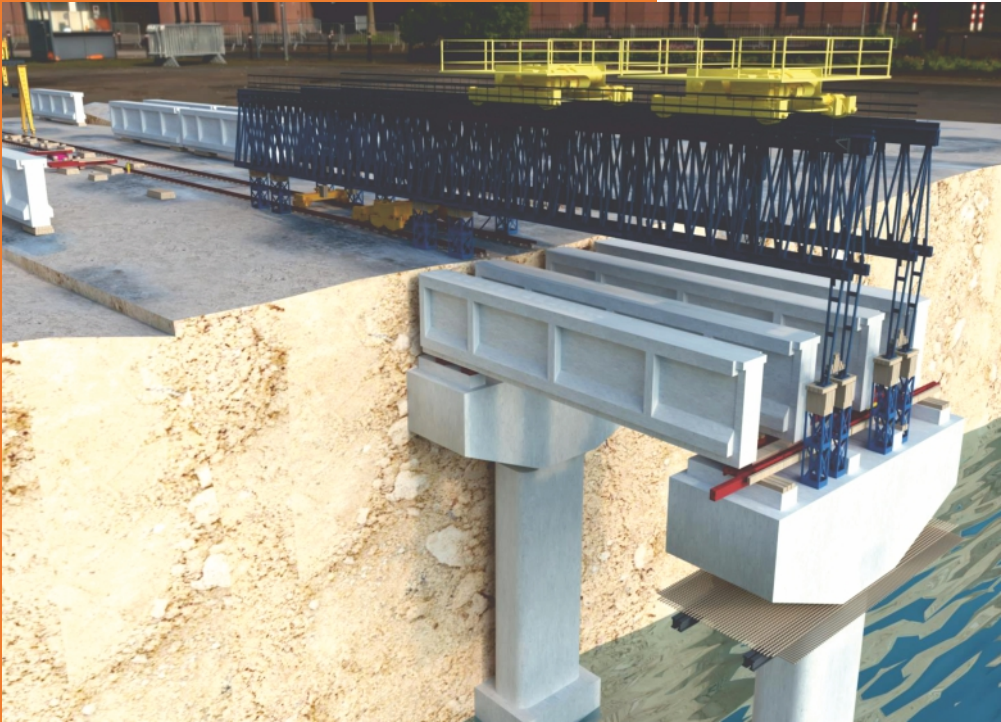


Exterior and Interior VR



Product Virtuality

KES Animation & Rendering Services



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With the right composition and arrangements of the elements in a composition, our creative professional animation & rendering artists are helping you to craft your vision or purpose that you want to deliver to your end users. Team KES offers the finest, cost & time effective Animation & Rendering services to businesses across variety of industries like industrial, architectural, education, media & entertainment etc. Through its state-of-the-art workmanship, our team will understand your vision and help you to reach to your end users with planned impact and capable to produce whether its detailed demonstrations of product renderings, processes animations, creative educational & training contents, animated movies, advertisements- whatever you ask.



Industrial Product & Process Animation

- Modeling
- Texturing
- Material Applying
- Lighting & Camera
- Rendering & Animation



Sales & Marketing Animation

- Requirements Analysis
- Script & Storyboarding
- Real photography & Videography
- Modelling
- Material & Texture
- Lighting & Camera
- Rendering & Animation
- VFX & Sound Composition



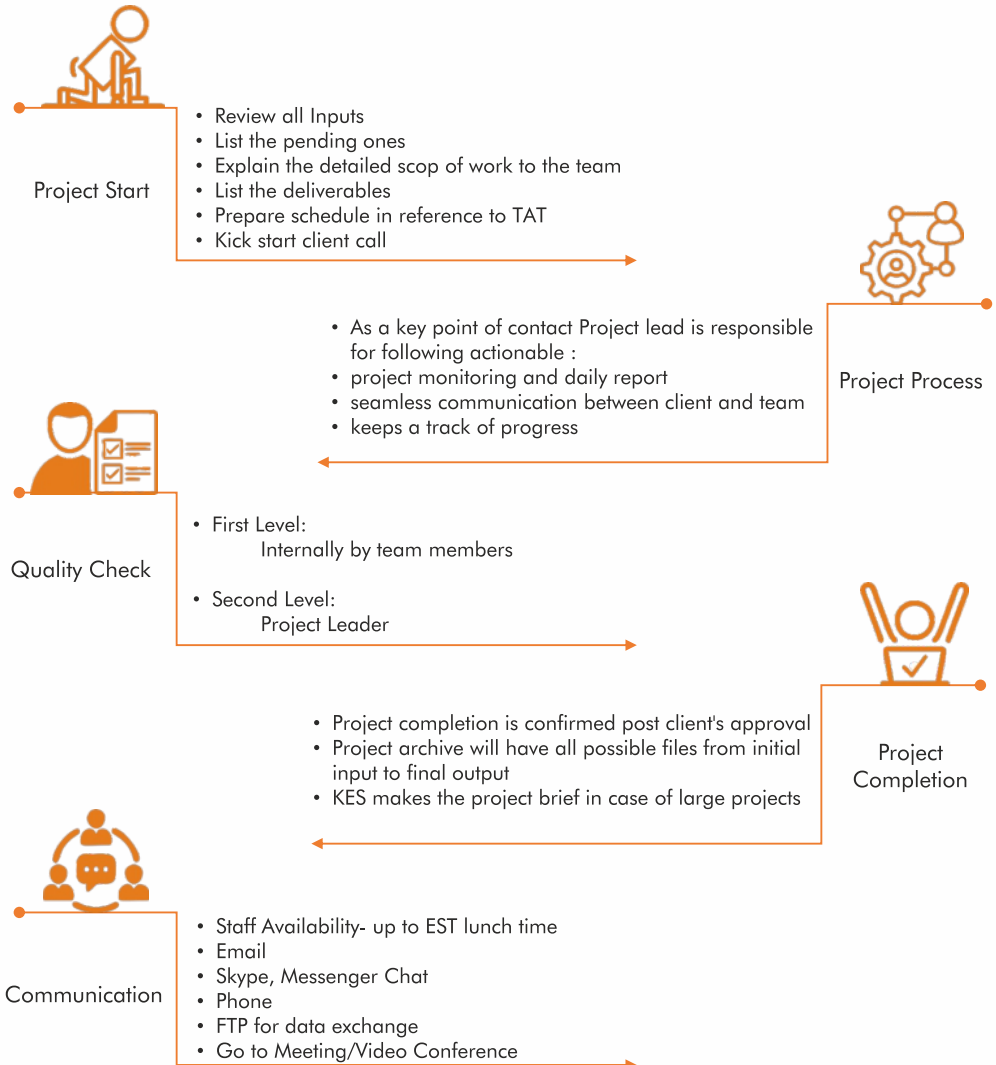
Movie Animation & Game Development

- Modelling
- Material & Texture
- Lighting & Camera
- Rigging
- Green Croma key
- 3D Camera Tracking
- VFX
- Rendering & Animation

Our Business Engagement Models



Our Project Life Cycle



KES Software Sales



Since 2007, Khodiyar is an authorized channel partner for providing sustainable engineering & CAD software solutions to hundreds of organization. Khodiyar partners world's renowned software companies like Autodesk, ANSYS, IBM, Adobe, SolidWorks, Mastercam, MakerBot, Trimble etc. Khodiyar provides a wide range of products enabling flexibility at an optimal cost of ownership.

At Khodiyar, we trust in each other. Our journey so far has been about creating honest and transparent engagement with our customers and team. With the journey of over one and the half decade we have been delivering solutions with great significance and holistic approach. Our transparency & flexibility in the existing system has taken us to work with a few of the world's most privileged names in the engineering industry. To conclude, at Khodiyar, we are driven with people, passion & purpose.

Authorised Channel Partner



KES 3D Printer Sales





Streamline Your 3D Printing

MAKERBOT 3D PRINTING

Discover, import, prepare, manage, monitor, and share your 3D prints. MakerBot's software and apps optimize and streamline the 3D printing process for any workflow or environment.



FLEXIBLE CONNECTIVITY

Send print files to your 3D printer via Wi-Fi, USB, Ethernet, or with a USB drive. Control your printer via MakerBot Print or remotely with MakerBot Mobile.



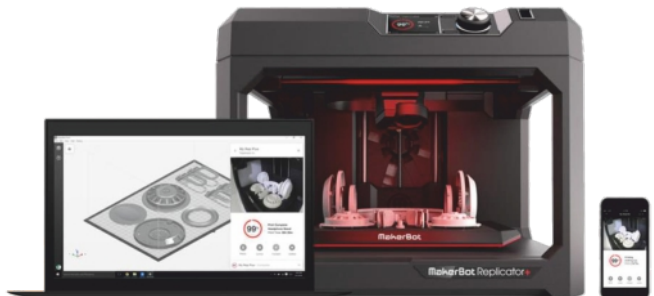
FULL FEATURED SOFTWARE

Store, organize, and access 3D design files in your personal cloud-enabled library on MakerBot Print. MakerBot's free downloadable software is compatible with Mac or Windows computers.

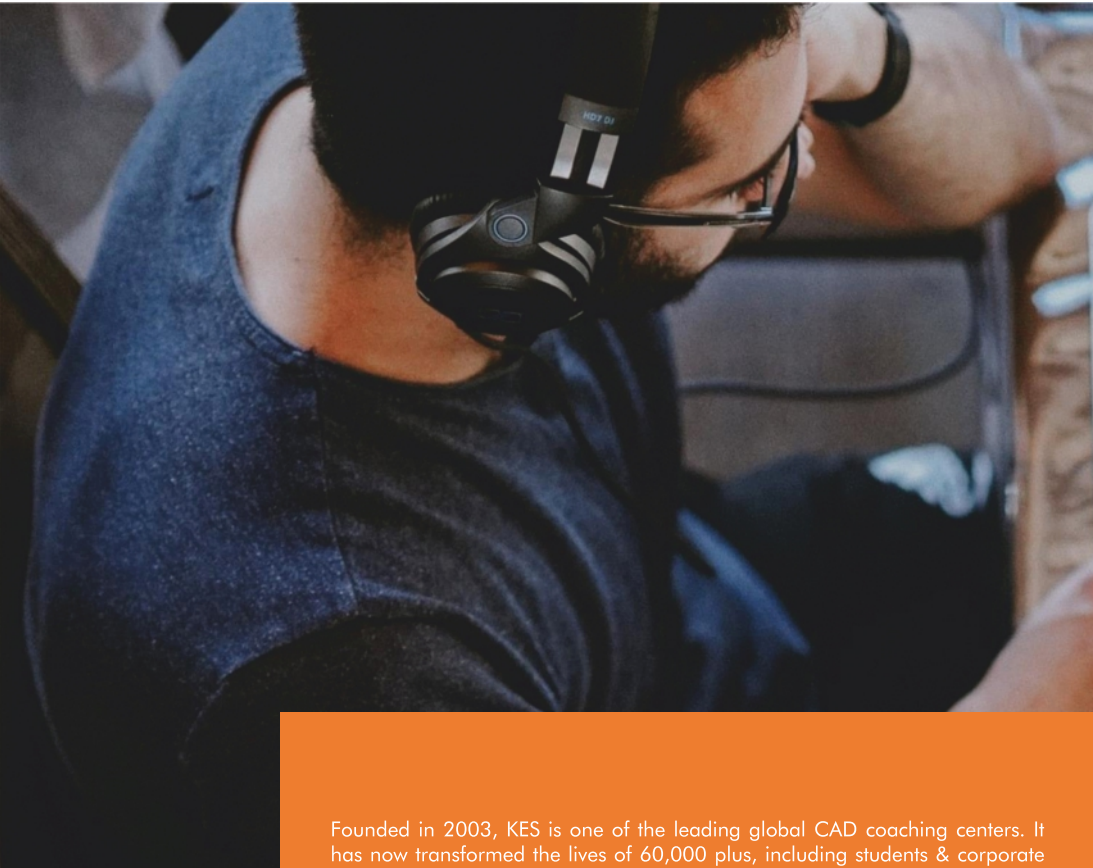


MAKERBOT SUPPORT

MakerBot Support offers comprehensive MakerCare coverage plans and responsive expertise from those who know MakerBot products best. Our support site also offers both intelligent troubleshooting and in-depth product information.



KES eAcadamy



Founded in 2003, KES is one of the leading global CAD coaching centers. It has now transformed the lives of 60,000 plus, including students & corporate through our robust learning methodologies. KES covers globally acknowledged curriculum in their classroom, online and offline training programs.

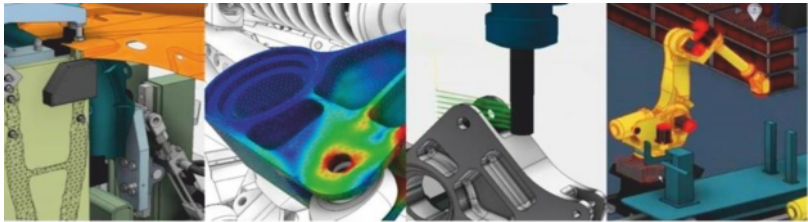
The core belief of KES is transforming lives and adding value through technology intervention. KES assists students with live projects, aid professional support to give 360-degree perspective on technology as well as connect the corporates to upgraded knowledge stream.

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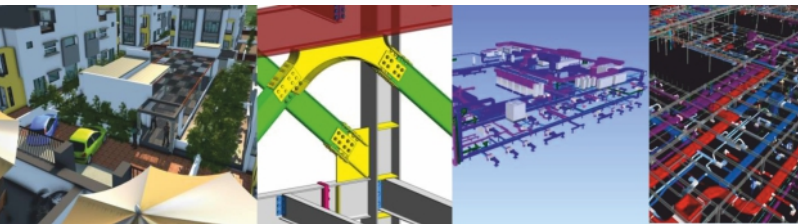
Achieve
Your Goals
With **KES** Academy

KES eAcademy Courses



Product Design And Manufacturing Toolset

- AutoCAD
- Ansys FEA
- Ansys CFX & Fluent
- Creo
- Fusion 360
- Inventor
- Mastercam
- Solidworks



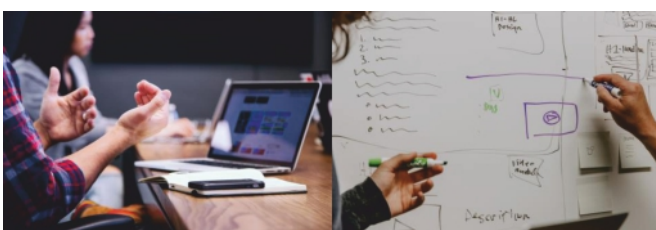
Architectural And Civil Engineering Toolset

- Adobe Photoshop
- 3DS Max
- AutoCAD
- Autodesk InRoads
- AutoCAD Civil 3D
- Autodesk Fabrication
- Autodesk Advanced Steel
- Navisworks Manage
- Revit Architecture
- Revit Structure
- Revit MEP
- StAAD.Pro
- Trimble Sketchup
- V-Ray



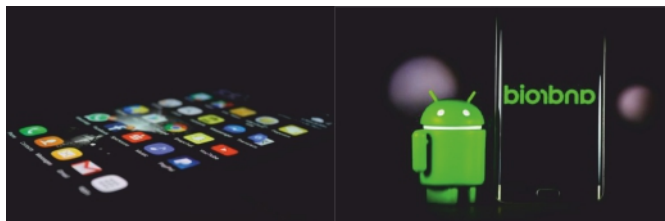
Professional Programming Courses

- C Language
- C++ Language
- Python



Website Development Courses

- HTML
- JAVASCRIPT
- .NET
- .PHP



Mobile Application Development

- Android App Development
- IOS App Development

KES eAcademy Courses



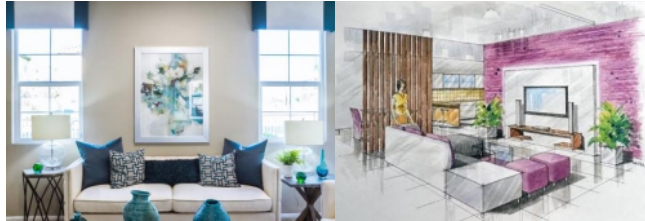
Electrical Design And Simulation Courses

- AutoCAD Electrical
- Ansys Maxwell
- Solidworks 2D Schematics
- Solidworks Electrical 3D



Electronics And Communication Design Courses

- AutoCAD
- Ansys HFSS
- Solidworks PCB Design



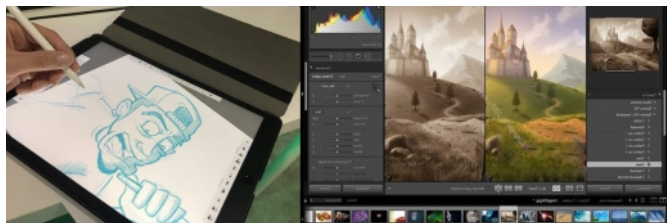
Digital Interior Design Toolset

- 3Ds Max
- AutoCAD
- Design Method
- Free Hand Sketching
- Material Selection
- Photoshop
- Space Plan
- V-ray



3d Animation And VFX Tool Set

- 3ds Max
- Aftereffects
- Arnold
- Animate
- Maya
- Mudbox
- Premier
- Photoshop

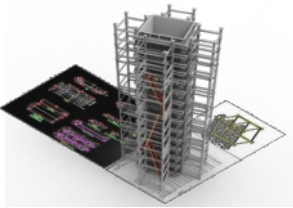


Graphics Design Toolset

- CorelDRAW
- Illustrator
- Photoshop
- Sketchbook

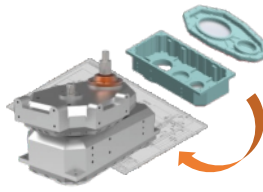
Work Portfolio

Industrial Services



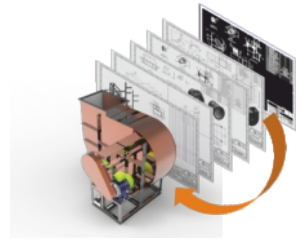
CAD support to manufacturing

Construction Equipment Manufacturing Industry



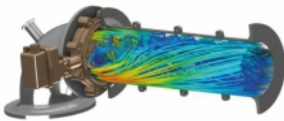
Reverse engineering of product

Gearbox Manufacturing Industry



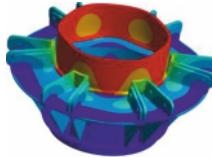
CAD large data migration

Air Equipment Manufacturing Industry



CFD analysis

Valve Manufacturing Industry



Static & dynamic structural analysis

Industrial Equipment Manufacturing Industry



Product design & development

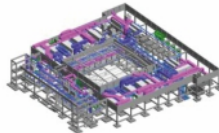
Fast Moving Consumer Goods Industry

AEC Services



BIM Services

Hospital Project



BIM Services

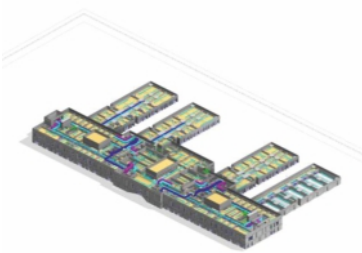
Hospital Building



Architecture Services

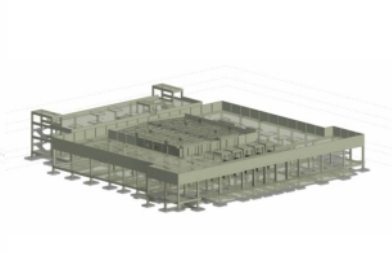
Residential Project

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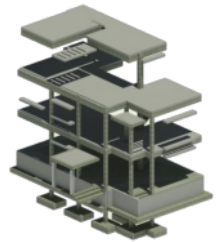
MEP Services

Hospital Building



Structure Services

Hospital Building



Structure Services

Residential Project

Architectural Visualization Services



Exterior Visualization

Residential Project



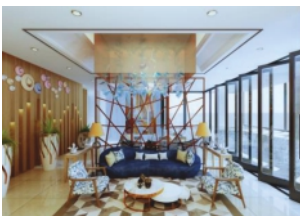
Interior Visualization

Residential Project



Exterior Walkthrough

Commercial Project



Interior Walkthrough

Residential Project



3D Product Visualization

Commercial Project



3D Floor Plan

Residential Project

KES Value Propositions



IP, data & information security

- per international standards and guidelines (ISO 27001)
- legally bound, frequently audited
- no compromise, no short cuts

Processes & quality system

- international best practices
- seamless integration to customer
- methodologies on need basis

Flexibility & management commitment

- uncompromising ethics, values
- direct access to senior management
- keen to develop long term relationship

Group's background & support

- 17+ years of industry knowledge
- sound financial backup

Substantial cost benefits

- proven savings of 30% +
- improved performance

KES Benefits

Dedicated team and infrastructure

- Dedicated core team
- Skills & competencies as per client need
- Dedicated space



Aligned systems

- Processes, standards, methodologies, software are aligned as followed by customer



Knowledge sharing and retention

- Customized training program specific to client needs
- Knowledge will be stored and shared with the team
- Dedicated HR program



Value for money

- Provides a platform for better forecasting and planning, both for client and KES
- Drives better utilization, productivity and more value-for-money
- Global presence



Long term, strategic approach

- Function as own extended technical center with NO INVESTMENT for customer



Our Clientele



Manufacturing

- AIA Engineering Ltd.
- Apollo Infratech Pvt. Ltd.
- Dr. Dinesh & Ramesh Engineers Ltd.
- Deepak Dye Casting
- Duke Plasto Technique Pvt. Ltd.
- Groth Continental Mfg. Pvt. Ltd.
- Gujarat Technocasting Pvt. Ltd
- InspirOn Engineering Private Limited
- Inductotherm India Pvt. Ltd.
- MAIZE Products
- Newage firefighting co ltd
- Oswal Infrastructure Ltd
- Pressure jet
- Powerdrive Bearings Pvt. Ltd.
- Toyota Forms India Private Limited
- Shubham
- Windsor Machines Ltd

Architectural & Constructions

- Apurva Amin Architects
- Amin & Shah
- Bakeri Group
- Blocher Blocher India Pvt. Ltd.
- 9th Street Architect
- Creative Designs
- DesignCode
- Goyal & Co Construction Pvt. Ltd.
- GEO Design & Research
- Hiren A.Gandhi & Associates
- M.N. Patel Architect
- Neha Consultant
- Sthapathi Architects & Associates
- SMPS Consultants Pvt. Ltd.
- Shreeji Structurals
- Shivalik Square LLP

Media And Entertainment

- 3 Vision
- Adani Township & Real Estate Company Pvt. Ltd.
- Arena Animation
- Blue Ribbon Studio
- Design mate
- Finesse Designs
- HD Design
- ICREATE
- JAG Design
- Maximus Infinity
- MAAC Animation
- Ni3 Design
- Render Ozz
- Shaper 360
- Soham Graphics
- Sompura Marble Industries
- Tiger Advertising

Educational Institutes

- DTE GUJARAT
- IIT RAM
- Ahmedabad University
- Atmiya Institute of Technology & Science
- Agricultural University
- Charotar University of Science & Technology
- Dharmsinh Desai University
- DDIT
- Dr. Jivraj Mehta Institute of Technology
- GSFC University
- Gujarat Power Engineering & Research Institute
- Ganpat University
- Nirma University
- Parul University
- Pandit Deendayal Petroleum University
- VGEC



Khodiyar eSolutions LLP

Consultancy | Training | Software

Khodiyar eSolutions LLP.
611, The Link,
Vijay Cross Road,
Ahmedabad – 380009
Gujarat, India.
+91 79 -7600008281

Khodiyar eSolutions LLP.
29 Copeland Crescent,
Point Cook,
Victoria 3030
Australia.
+61 450-789-853

RAJKOT

Khodiyar eSolutions LLP

3rd Floor, Fortune Square, University Road, Nr. Kotecha Circle,
Rajkot - 360005

Phone : +91 97248 21166 | +91 90990 41166

E Mail : rajkot@khodiyarcadcenter.com

AHMEDABAD

Khodiyar CAD Center (I) Pvt. Ltd.

3rd floor Acumen Complex, Nr. Passport Office, University Road,
Ahmedabad, Gujarat - 380 015

Phone : +91 98989 81166 | +91 97254 71166 | **Tel-Fax :** +91 79 26309777

E-mail : info@khodiyarcadcenter.com | placement@khodiyarcadcenter.com
studentsupport@khodiyarcadcenter.com

VV NAGAR

Khodiyar eSolutions LLP

Narayan Swaroop Hostel, Nr. Pushpkamal Hostel
Raghuvveer Chamber Lane, University Circle, VV Nagar, Anand - 388120

Phone : 91 97253 31166 | +91 99743 31166

Email : vidhyanagar@khodiyarcadcenter.com

MANINAGAR

Khodiyar CAD Center (I) Pvt. Ltd.

17-18, Shivani Plaza, 3rd Floor, Business Square, Above Jalaram Khman House,
Nr.Ravijibhai Tower, Bhairavnath, Maninagar, Ahmedabad, Gujarat 380008

Phone : +91 97254 31166 | +91 97254 91166

E-mail : maninagar@khodiyarcadcenter.com

NADIAD

Khodiyar eSolutions LLP

205 Sky Tatva1, above dominos pizza, Nr.DDIT college,
Nadiad, Gujarat 387001

Phone : +91 89804 11166

Email : nadiad@khodiyarcadcenter.in

MEHSANA

Khodiyar CAD Center (I) Pvt. Ltd.

T-23,24 Krushnum Skywalk complex, 3rd Floor, Opp. Neelkanth Hotel,
Radhanpur Road, Mehsana- 384002

Phone : +91 70430 81166

Email : mehsana@khodiyarcadcenter.in

VADODARA

Khodiyar eSolutions LLP

3rd and 4th Floor,Above Farki, Opp. Ratri Bazar, Vuda (L & T) Circle,
VIP Road, Karelibaug, Vadodara – 390018

Phone : +91 97370 71166 | +91 99257 61166

Email : baroda@khodiyarcadcenter.com

SURAT

Khodiyar CAD Center (I) Pvt. Ltd.

Ground Floor, Pinakin Apartment, opposite T & T. V. School,
Nanpura, Surat - 395001

Phone : +91 6355 448 732

E- Mail : surat@khodiyarcadcenter.com

www.khodiyaresolutions.com
info@khodiyaresolutions.com

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