



VIRTUAL CAD/CAM/CAE TRAINING BY SKYY RIDER INSTITUTION

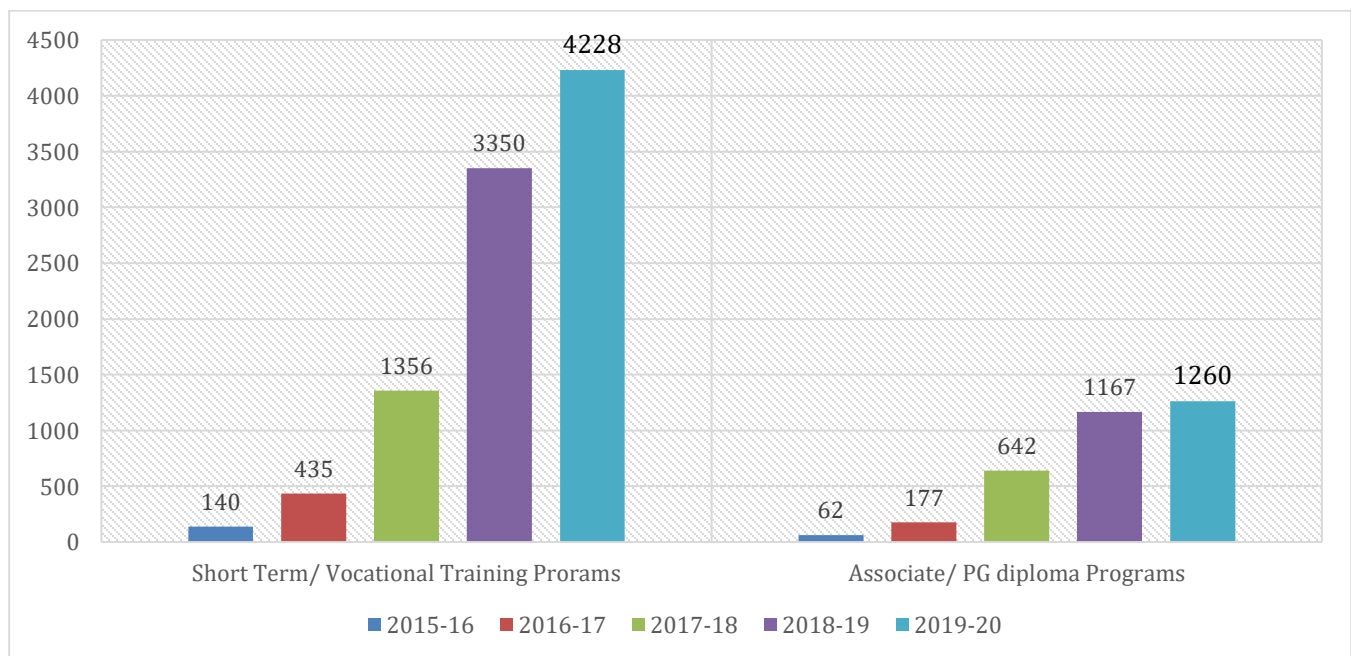
(IN ASSOCIATION WITH MINI TOOL ROOM & TRAINING CENTER- SET UP BY GOVT. OF ODISHA)

About Skyy Rider Institutions:

SKYY RIDER INSTITUTIONS (Formerly Sky Rider Automotive) was established in the month of September 2011 as “Sky Riders”. The company is firmly into training, development and creating employment in the various fields of Engineering and technology. SRI has been leading in providing advanced training in the field of Automobile in complete industrial pattern and helping many students starting their career in core fields. In addition to that, training provided by SRI in the fields of Aerospace Engineering, Renewable energy, Power sector, advanced IT and CS courses, advanced robotics, industrial CAD/CAM are best in class. SRI has been setting up new milestones in quality of training and changing many lives and making India a hub of skilled manpower. Best trainers who have endemic experience and achievements in their respective fields are SRI’s major strength. SRI are working in a partnership with “Gram Tarang Employability Training Service- The preeminent player in Skill-based education providing sector”, “NSDC- Govt. of India”, and “Mini tool room and training centre, Set up by Govt. of Odisha” to enhance their quality of training. Besides that Skyy Rider is one of the few such institutions who is certified with **ISO 9001:2015, ISO 29990:2010**.

Our Prime Motto: “Dedicated in Up-Skilling & Empowering Nation”

Portfolio of training imparted at Skyy Rider Institutions, Odisha:



Student enrolment in our various programs



Why CAD by Skyy Rider?

1. **Expert in CAD:** After working with design firms for years to develop best quality of CAD programs, having experts who have huge experience in design & R & D, having worked for several projects under **Dassault system (In association with Centurion University)** our CAD courses are of pure industrial standard. The application-based CAD teaching methodology have benefited thousands of students to pursue their career in design sector.
2. **Best in Class:** Skyy Rider Institutions is known for industry collaborative training programs, high quality delivery and after training assistance. With trainers having huge experience in their relative fields, guest lectures from experts from industry and with continuous research to make the pedagogy industry standard, we have been able to change thousand lives by our best in class training programs.
3. **Industry Linked Programs:** We have collaborated with more than 30 industry partners to develop and deliver our courses to ensure the courses are in sync with current industry skill requirement and updated. Some of our programs are directly provided by industry experts to make the program a complete package for overall skill development of a student. After attending these course students get certificate directly from industries or co-branded certificate of industries.
4. **One to one Assistance:** We make sure every student gets a one to one assistance by our trainers to learn and grow in their career. In all our programs students gets access to subject matter and career guidance directly from experts.
5. **After training assistance:** *Once a student joins our training program becomes our responsibility afterwards-* Our after training assistance not only provides free webinars, guest talks, industry interaction in free of cost lifelong but also helps them in attending number of campus drives and ultimately a job. We provide free mentorship, career counselling, and guidance, need based one to one interaction with technical experts to help a student in progressing in right direction in his career.
6. **Most economical in the market:** We charge the lowest fee from students in an idea that *a student who belongs to financially challenged background can also participate and learn from our training programs.* Quality wise best and cost wise cheapest is one of the reasons being trusted by hundreds of institutions across India.
7. **MRTRC (Set up by Govt. of Odisha):** All the participants will receive a valuable completion certificate from MTRTC (Set up by Govt of Odisha)
8. **Placement and Internship opportunity for participants:** Every year we conduct pool drive for our students from various institutes who have participated our training programs and workshops. Many participants are blessed that they are working in their dream fields after attending our training and placement drives.



INDUSTRIAL CAD COURSES (VIRTUAL TRAINING) BY SKYY RIDER INSTITUTIONS

Our response towards COVID Outbreak crisis: We have reduced all our course fees up to 60% to ensure students get all the courses in minimal price and their learning remains uninterrupted.

Courses and Details:

Sl	Course Name	Brief about course	Course fees	Duration
1	AutoCAD	Basic Sketch, Angle of projection, Drawing tools use, Dimensioning and tolerance, Line property, 2D Modeling, Dimension and detailing, 3D object Creation, 3D animation, Industrial Drafting Creation, etc	Check Website	4 Weeks
2	SolidWorks	Sketcher basics, 3D sketching, Part modeling Creating reference geometry, Editing features Configuration, Import to assembly, Bottom-down assembly designing, Top-down assembly designing, Bill Of Material, balloon tools, Sheet metal design, etc	Check Website	4 Weeks
3	CATIA	Basic Sketch Creation, CATIA Introduction, Angle of projection, Sketcher workbench, Drawing tools, Part Modeling- Basic & Advance, 3D object Creation, Hole types, Assembly of models, Kinematics, Bill of materials, Surface model, Rendering, etc.	Check Website	4 Weeks
4	UG-NX	Introduction to NX, 2D draw tools, 3D object creation, 3D patterns, Basic Sketch Creation, Geometric and Dimensional Constraints, Part Modeling- Basic and Advance, Part Modification features, Understanding Drafting Overview, NX CAM – Basics of CAM and selection of tools, Milling operation, Manufacturing parameters, CNC code Generation, NX CAM- Facing.	Check Website	4 Weeks
5	Ansys	Introduction to CAE, General procedure involved in FEA, GUI of Ansys workbench, CAD modeling using Ansys, Defining and assigning materials, Generating the mesh (1D, 2D and 3D), Optimizing the model to refine mesh, Working with different boundary conditions, Surface and line modeling, Static structural analysis, Model analysis, Buckling analysis, Coupled field(thermal stress), Post processing, CFD analysis, Fluent, etc	Check Website	4 Weeks
6	Digital Manufacturing (NX Design + Rapid Prototyping)	Part Modelling-Advance, Synchronous Modeling, Assemblies- Constraints and Methods, Understanding Drafting Overview, NX CAM–selection of tools, Facing, Turning & Cavity Milling operations. Additive Manufacturing, Technologies in 3D Printing –SLA, FDM, SLS, POLYJET, SLM & EBM, Strategy making for 3D printing using Machine interface software, Introduction Digital Fabrication Techniques, Laser Cutting Operation, Hands-on on software for strategizing laser cutting, etc.	Check Website	4 Weeks

SKYY RIDER INSTITUTIONS FOR ADVANCED SKILL & RESEARCH

(An ISO-9001:2015, ISO-29990:2000 Certified company)

At-Gram Tarang, CIT Campus, Ramachandrapur, Jatani, +91-9078205008



Note:

- a. All the classes will be conducted online and the sessions will be taken live by experienced instructors.
- b. Recorded sessions will be sent to students after the class.
- c. Every student will get need based one to one interaction with instructors to clarify their doubts.
- d. Trainer will help in installing software in participants system.
- e. Certificates will be digitally provided to students upon completion of training. We can send printed certificates after courier services return to normalcy.
- f. There will be assessment test after completion of the course and the assessment will be taken via online test and viva. A student will get certificate if he/ she clears the assessment test only.
- g. Students have to pay the full amount (**Course fee + 18% GST**) to get admission for any of the programs.

Certificate:

Participants will get MTRTC (Set up by Govt. of Odisha) certificate of completion end of the course.
(Digital Certificate)

Admission Process:

- Visit our website and pay the course fee in the online course section.
- Once you have done the payment and filled the form our team will get in touch with you with the dates and class link.
- For any further queries you can contact our support team 8800889353.

Thanking You!!