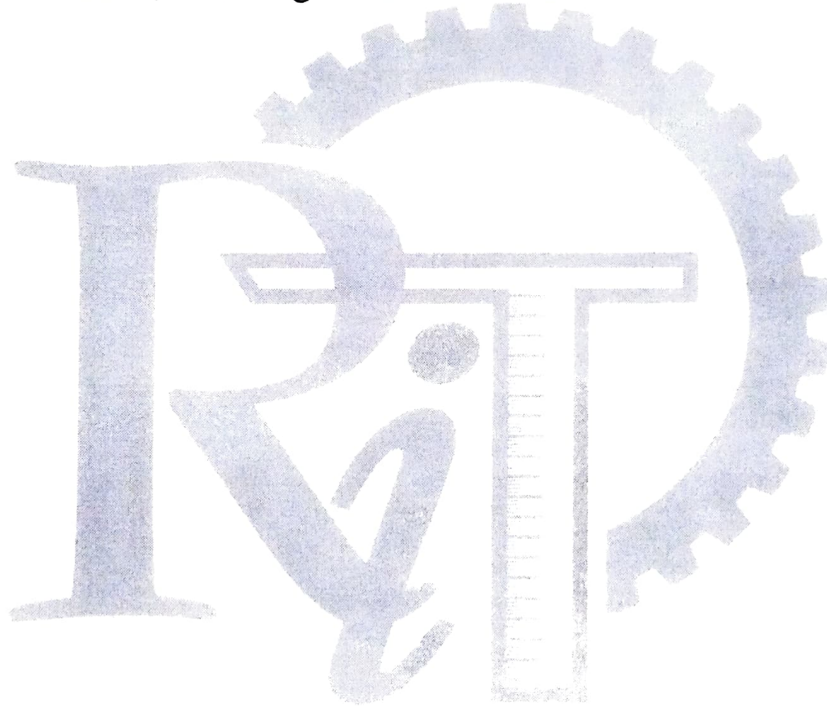




WORKSHOP ON ANSYS SOFTWARE TRAINING

Department of Mechanical Engineering, Organized workshop on ANSYS Software through Placement Department from Genesis company , it was conducted from 14/11/2022 to 19/11/2022, it was organized for 7th semester students.





RAJEEV INSTITUTE OF TECHNOLOGY

Plot # 1 (D), Growth Centre, Bangalore-Mangalore Bypass Road, HASSAN- 573 201, KARNATAKA
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ANSYS Training Contents

Day 1	Introduction to ANSYS Workbench Starting ANSYS Workbench 14.0 ANSYS Workbench Database and File format Changing the unit system Components of the system
Day 2	Sketching and Part Modeling in DesignModeler Introduction to DesignModeler Window Illustration 1: I-section Illustration 2: Spring Plate Illustration 3: Clamp Extrusion, Revolution, Sweep, Sketching
Day 3	Solid Modeling Fundamentals Introduction, Extrusion, Revolution, Sweep, Sketching Placed Features and Assembly
Day 4	Modeling techniques Other cad systems Surface and Line models Defining Material Properties Assigning Material to the Beam Assigning Material to the Clamp Assigning Material to the Assembly
Day 5	Meshing Meshing of Plate with Holes Generating the mesh, optimize the model and generating the local mesh
Day 6	Static Structural Analysis Cantilever Beam Plate with a central circular holes and square slot Pressure vessel, Bracket, Clevis assembly
Day 7	Thermal Analysis Steady state thermal analysis of Car Disk Brake Rotor Heat sink Transient thermal analysis of Piston



REPORT ON

DOMAIN-SPECIFIC WORKSHOP CONDUCTED FOR 7th SEM STUDENTS OF MECHANICAL ENGINEERING DURING AY 2022-23

Attendees: 7th-semester students

1. Title: Domain-Specific ANSYS Software Training for 7th Sem Mechanical Engineering Students

2. Objective:

The objective of the ANSYS software training program was to provide 7th Sem Mechanical Engineering students with advanced knowledge and skills in the ANSYS software, which is widely used in the engineering industry for simulation and analysis purposes.

3. About the Activity:

The ANSYS software training program was conducted by a team of experienced trainers from a reputed training institute. The training covered various topics, including the basics of ANSYS software, the ANSYS workbench, finite element analysis, structural analysis, and fluid dynamics analysis. The training was conducted over a period of two weeks, and students were given practical assignments to reinforce their learning.

4. Outcomes of ANSYS Software Training:

The ANSYS software training program had several positive outcomes for the 7th Sem Mechanical Engineering students. Some of the key outcomes are

- **Advanced Knowledge and Skills:** The students learned advanced knowledge and skills in the ANSYS software, which is widely used in the engineering industry for simulation and analysis purposes. This helped them to develop their technical skills and enhanced their employability.
- **Real-World Application:** The training program helped the students to understand how ANSYS software is used in real-world engineering applications. This helped them to connect theory with practice, which is essential for effective learning.



- **Better Problem-Solving Techniques:** The students learned how to analyze complex engineering problems using ANSYS software. This helped them to develop their problem-solving techniques, which is essential for a successful career in the engineering industry.
- **Enhanced Employability:** Learning ANSYS software is essential for students to enhance their employability and career prospects. The students who participated in the training program can leverage their knowledge and skills to stand out in the job market and secure better career opportunities.

5. How it Helps Students:

The ANSYS software training program provided several benefits to 7th Sem Mechanical Engineering students. It helped them develop their technical skills, which is essential for a successful career in the engineering industry. The training program also helped them build their confidence and provided them with practical knowledge and skills that they can apply in their future careers. Finally, the training program helped students to improve their problem-solving skills, which is essential for success in any engineering field.



CURRICULUM VITAE

HARISHA.B

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Mobile: +91-9901336881

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CAREER OBJECTIVE:

Intended to build a career with leading corporate of hi-tech environment with committed and dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key CAD/CAM/CAE player & Soft skills trainer in challenging and creative environment.

PROFESSIONAL SUMMARY: TOTAL 15+ YEAR OF EXPERIENCE.

I have Total **5+Year** of experience in **AERO SPACE STRUCTURES Using CATIA V5 Software** and **10+ year** of experience in **Technical & Soft skills** Training & Managing the Institution.

- Currently I am a **Manager** of **CADD AGE-Hospet**.
Trained **10000+ Technical students & 11000+ on softskills**, Did **400+ Corporate** Trainings & written "**KANASU**" Book for **Soft skills**.
- Worked as a **Design Engineer** in **INFOTECH.pvt.ltd Hyderabad,AP**.
- Worked as a **CAD Engineer** at **IDS INFOTECH, Mohali, Punjab**.
- Worked as a **Graduate Trainee** in **ISRO, Bangalore, Karnataka**.

PRESENT WORK EXPERIENCE:

COMPANY : CADD AGE TRAINING & SERVICES

DURATION : July 2011 to Till Date

ROLE: MANAGER/CAD Trainer.

Overview:

CADD AGE TRAINING & SERVICES is a leading design consultancy firm. It has been offering Value added engineering solutions to various global clients in different product lines ranging from consumer durables to heavy machinery. CADD AGE is one of the Asia's #1 Company, we are providing the Training and services to all our CAD/CAM/CAE Customers.

PREVIOUS WORK EXPERIENCE:

❖ **COMPANY:** INFOTECH Pvt Ltd, Hyderabad.

DURATION: Aug 2010 to July 2011

PROJECT: BOEING 747-8

CLIENT: Air Bus, Dassault Systemes, and Air Boeing

ROLE: Design Engineer.

❖ **COMPANY:** IDS INFOTECH, Mohali.

DURATION: Oct 2007 to July 2010

PROJECT: A129, A139, A143 Projects and Mechanical standards parts

CLIENT: Agusta Westland, Dassault Systemes, and Air Boeing

ROLE: Cad Engineer.

❖ **COMPANY:** ISRO, Bangalore.

DURATION: Dec 2006 to Oct 2007

PROJECT: Level sensor, Differential pressure transducer (DPT).....etc.

CLIENT: ISRO

ROLE: Graduate Trainee.

KEY STRENGTHS:

- Patience, Planning and Perseverance is my biggest strengths.
- Communication skill
- Presentation skill
- Fast learner

TECHNICAL SKILLS:

- Mechanical softwares : CATIA V5,PRO-E,AUTOCAD,NX CAD,HYPERMESH.
- Civil softwares : Revit Architecture,3DS Max, Staadpro.
- PPM : Microsoft project,Primavera.

AWARDS & REWARDS:

- VLE OF THE MONTH Award Received from Govt of India (Digital India Project) in Aug 2021.
- Received appreciation from Different Engineering Colleges for well conducting seminars for Placement Training.
- Written “**Kanasu**” Book in multi language on Soft skills for placements to reach poor people for better understanding.
- Trained more than 10000 on Technical & 11000 on softskills students conducted 400+ corporate trainings & placed 4000+ students.

PROFESSIONAL QUALIFICATION:

Bachelor of Engineering in MECHANICAL in July 2006 from P.D.I.T College of Engineering College, Hospet. Affiliated to Visveswaraiah Technological University, Belgaum.

PERSONAL DETAILS:

Father's name : M.B.Somanna
Date of birth : 30th May 1985
Marital status : Single
Language known : English, Hindi, Kannada.
Permanent Address : HARISHA.B
S/o M.B.Somanna
“Kala Nilaya” 7th cross
Basaveswara Badavane
Hospet-583 201.

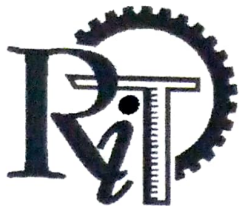
I hereby declare that the above information furnished by me is true to the best of my knowledge and belief.

Place: Hospet

your's sincerely

Date:

(HARISHA.B)



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Student Attended List

1	4RA17ME068	VARUN S.R.	23	4RA19ME013	MAHADEVASWAMY M J
2	4RA18ME007	Deekshith Y.R.	24	4RA19ME014	MANOJ G C
3	4RA18ME008	Gagan H.P.	25	4RA19ME015	PAVAN GOWDA H P
4	4RA18ME012	Hoysala S.S.	26	4RA19ME016	PRADEEP A R
5	4RA18ME014	Keerthi Krishna A.R.	27	4RA19ME017	PRAJWAL N S
6	4RA18ME015	Kiran Kumar H.L.	28	4RA19ME019	SHASHANK M
7	4RA18ME019	MANDEEP J.	29	4RA19ME020	ULLAS K N
8	4RA18ME021	Manjunatha L.	30	4RA19ME021	VIKAS K V
9	4RA18ME034	Ravikumar A.M.	31	4RA20ME400	Anilkumar B.D.
10	4RA18ME035	Rithik P Koushik	32	4RA20ME402	Bhuvan K.
11	4RA18ME048	Vinayaka shiggavi	33	4RA20ME403	Chandana Kumara A.C.
12	4RA19ME001	AKASH K	34	4RA20ME404	Chiranth Gowda G.P.
13	4RA19ME002	AMITH KUMAR HK	35	4RA20ME405	Guruprasad C.B.
14	4RA19ME003	ANIJ ANGDEMBE	36	4RA20ME406	Karan D.J.
15	4RA19ME004	ANUP PUDASAINI	37	4RA20ME408	Mohammed Sufiyan Shariff
16	4RA19ME006	DEEPU	38	4RA20ME409	Morampudi Rajesh
17	4RA19ME007	EKANTH GOWDA A S	39	4RA20ME410	Prajwal B.L.
18	4RA19ME008	JASHWANTH C G	40	4RA20ME411	Sagar N.M.
19	4RA19ME009	JNANAMURTHY S R	41	4RA20ME412	Sanjay Patel H.R.
20	4RA19ME010	KARTHIK A S	42	4RA20ME413	Saqhaf Pasha
21	4RA19ME011	KARTHIK C	43	4RA20ME414	Venu K.R.
22	4RA19ME012	LIKITH GOWDA B G	44	4RA20ME416	Yashwanth C.M.

WORKSHOP EVALUATION FORM

Workshop Title: ANSYS SOFTWARE TRAINING


Date & Venue: 14/11/2022 to 19/11/2022 RIT, Hassan

Semester: 7th

Was the theoretical and practical sessions were sufficient to understand the working concepts.	<input checked="" type="checkbox"/> YES/NO
Was the session helpful to understand the basic concepts?	<input checked="" type="checkbox"/> YES/NO
From the hands-on sessions are you able to understand the interfacing details?	<input checked="" type="checkbox"/> YES/NO
Have you got any Innovative/Project ideas from the presenters?	<input checked="" type="checkbox"/> YES/NO
Do you feel that this workshop is helpful for making hobby/final year Project?	<input checked="" type="checkbox"/> YES/NO
Does the title of workshop matches with the contents taught	<input checked="" type="checkbox"/> YES/NO
Rate the overall content taught in workshop	Average/ <input checked="" type="checkbox"/> Good / Excellent
Any other comments/suggestion?	

Students Name: Saghaif Posha

USN: HPA20ME413

Signature: 

WORKSHOP EVALUATION FORM

Workshop Title: ANSYS SOFTWARE TRAINING

Date & Venue: 14/11/2022 to 19/11/2022 BIT, Haldia

Semester: 7th

Was the theoretical and practical sessions were sufficient to understand the working concepts.	YES/NO ✓
Was the session helpful to understand the basic concepts?	YES/NO ✓
From the hands-on sessions are you able to understand the interfacing details?	YES/NO ✓
Have you got any Innovative/Project ideas from the presenters?	YES/NO ✓
Do you feel that this workshop is helpful for making hobby/final year Project?	YES/NO ✓
Does the title of workshop matches with the contents taught	YES/NO ✓
Rate the overall content taught in workshop	Average/ Good / Excellent ✓
Any other comments/suggestion?	

Students Name: MORAMPUDI RAJESH

USN: 4RA20ME409

Signature: 