

RRCE/ME/2020-21/ Internship-01

Date: 30/07/2021

INTERNSHIP REPORT ON ALTAIR HYPERWORKS

The department of Mechanical Engineering had conducted a one-month Internship training program on Altair Hyper works from 10th March to 10th April 2021 through the Centre of Excellence Laboratory. This program was conducted for final year Mechanical Engineering students to bridge the gap between institutions and Industries.

The inaugural function was conducted on 10th March 2021 in the Centre of Excellence Laboratory. The function started at 10.30 am in the Centre of Excellence Laboratory. Dept of Mechanical Engineering, RRCE, Bengaluru. 22 students were registered for the Internship program and among them 21 Students from our institution and 1 student from another institution. The participant's list is enclosed.

Dr. Ramesh C, Head of the Department of Mechanical Engineering, Dr. M Karthikeyan, Professor Mechanical Engineering, Prof. Radhakrishna R K, and Prof. Ravikumar T, Internship Trainers, Mechanical Engineering inaugurated the function maintaining SOP.



Photo1. Dr. Ramesh C, Head of the Department, Dr. M Karthikeyan, Professor, Prof. Radhakrishna R K, and Prof. Ravikumar T, Internship Trainers



HoD-ME addressing the students



HoD-ME addressing the students



Students registered for the Program



Students registered for the Program



Students working on Altair Hyperworks tool



Students working on Altair Hyperworks tool



The following concepts were covered during the sessions:

1. Introduction To HM GUI
2. Geometry Cleanup
3. Midsurface Extraction
4. 2D Meshing
5. Tetra Meshing
6. Solid Map Meshing
7. Connectors
8. Linear Static Analysis

After the Completion of 30 days of internship training, the students were asked to do project work and submit the reports for the same. Accordingly, the students submitted the reports.

Valedictory Function:

The valedictory function was organized in the Department of Mechanical Engineering on 19th July 2021 at 11 am in the Mechanical Seminar Hall. All the internship training students were present along with all teaching faculties of Mechanical Engineering.

Dr. T. Chandrashekar, Principal, Dr. Ramesh C, Head of the Department Mechanical Engineering, Dr. M Karthikeyan, Professor, Prof. Pramod V Koujalagi Professor, Department of Mechanical Engineering, Prof. Radhakrishna R K, and Prof. Ravikumar T, Internship Trainers, Mechanical Engineering inaugurated the valedictory function maintaining SOP.

Prof. Thanujkumar M hosted the function and welcomed the guests and audiences. With Innovation song by Mr. Naveenkumar, final year Mechanical Student the function has started. Dr. Ramesh C, Head of the Department had given the welcome speech. Prof Radhakrishna R K briefed about the Altair Hyperworks Internship Training Program which was conducted from 10th March to 10th April 2021 in the Centre of Excellence Laboratory.

Dr. T. Chandrashekar, Principal briefed about the importance of CAE tools in the Industry sector. Also highlighted the weightage of the Mechanical tools in getting Job opportunities in the Industries. Dr. M Karthikeyan, Professor Department of Mechanical Engineering briefed about the tool and Job opportunities.

Photographs of the Valedictory Function:



Invocation song by Mr. Naveen,



The guests sitting on the chairs and sharing their views



Dr. Ramesh C, delivering the welcome speech



Prof. Radhakrishna R k, briefing about the internship



Dr. Chandrashelhar T, Principal Addressing the gathering



Dr. Karthikeyan M, Professor Addressing the gathering



Distributing certificate to Mr. Manjunath T, JSS College Student



Distributing certificate to Mr. Jayaram, RRCE student



Group Photo was taken after distribution of the certificates



Group Photo was taken after distribution of the certificates

Many Participants learned the tool and were given feedback regarding their 30 days of journey with us in the college. The function ended with a vote of thanks by Dr. Sateesha V, Associate Professor, Department of Mechanical Engineering, thanked the Management, Principal, HoD-ME, and the Internship Trainers for completing the internship Training program successfully.



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

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Department of Mechanical Engineering



Altair Hyper Works -Internship from 10th March to 10th April 2021

List of Students Registered

Sl. No	Name	USN	College Name
1.	MANJUNATH TG	1JS17ME044	JSS ACADEMY OF TECHNICAL EDUCATION
2.	SACHIN S KYADIGGERI	1RR16ME100	RajaRajeswari College of Engineering
3.	DHRUVA V	1RR17ME027	RajaRajeswari College of Engineering
4.	SANJAY R	1RR17ME097	RajaRajeswari College of Engineering
5.	AVINASH N	1RR17ME010	RajaRajeswari College of Engineering
6.	SUSHMITHA T R	1RR17ME116	RajaRajeswari College of Engineering
7.	BHARATH K.B	1RR17ME013	RajaRajeswari College of Engineering
8.	SAI PAVAN R NAIDU	1RR17ME096	RajaRajeswari College of Engineering
9.	VD JAYARAM	1RR17ME122	RajaRajeswari College of Engineering
10.	SHANTHI SWAROOP K	1RR17ME100	RajaRajeswari College of Engineering
11.	CHETHAN K M	1RR17ME017	RajaRajeswari College of Engineering
12.	BK HEMSAGAR	1RR17ME039	RajaRajeswari College of Engineering
13.	SUHAS K N	1RR17ME114	RajaRajeswari College of Engineering
14.	SHARATH	1RR17ME101	RajaRajeswari College of Engineering
15.	KARTHIK BS	1RR17ME047	RajaRajeswari College of Engineering
16.	HEMANTH GOWDA HS	1RR17ME036	RajaRajeswari College of Engineering
17.	DEEPAK DEVANAND	1RR17ME024	RajaRajeswari College of Engineering
18.	JAGADEESHA K	1RR17ME041	RajaRajeswari College of Engineering
19.	SHASHANK B S	1RR17ME104	RajaRajeswari College of Engineering
20.	DARSHAN KESARKAR M	1RR17ME021	RajaRajeswari College of Engineering
21.	YATHISH KUMAR B L	1RR17ME134	RajaRajeswari College of Engineering
22.	MIR MOHAMMED SAIFUDDIN	1RR17ME059	RajaRajeswari College of Engineering

Prof. Radhakrishna R K
Prof. Ravikumar T
Internship Trainers

Dr. Ramesh C
HOD-ME