

Sl No	Name of Student	USN	Title of the Internship carried out	Name of the Company/Institute/organization	starting date of the internship	Ending date of the internship
1	Karan B S	IRR17ME045	Advanced Aerospace Materials Characterization and Modeling	CSIR NIIST	9/7/2020	10/1/2020
2	BHARATH V	IRR17ME014	FOUNDRY AND FORGE TECHNOLOGY	HINDUSTAN AERONAUTICS LIMITED	3/17/2021	4/17/2021
3	Shiva Chandan N	IRR16ME114	Engine, Transmission and Body Design	BMTC	3/15/2021	4/26/2021
4	Aabid Bijapur	Irr17me001	Advanced Aerospace Materials Characterization & Modeling	CSIR-, Trivandrum, Kerala	9/7/2020	10/1/2020
5	Jayanth bt	Irr17me043	Product design and development	Triveni hi tech Pvt lmt	3/4/2021	4/6/2021
6	Chethan kumar kn	IRR17ME018	A Study on manufacturing of aerospace launch vehicle	Hindustan aerospace limited	3/4/2021	4/4/2021
7	Sanjay R	IRR17ME097	Altair Hyperworks	rrce	3/10/2021	4/10/2021
8	Bharath akshay B	IRR17ME012	Vehicle dynamics of commerical and race cars	Elite techno groups	3/1/2021	3/31/2021
9	Touheed khan	IRR17ME119	HVAC Design	Prinston Smart Engineers	3/1/2021	4/15/2021
10	Prem Chand mc	Irr17me084	Internship trainee	Bharat Earth Movers Limited (BEML)	3/22/2021	4/19/2021
11	NAVEEN D	IRR17ME069	HVAC Design For School Building	PRINSTON SMART ENGINEERING	3/1/2021	4/10/2021
12	KARTHIK	IRR17ME046	Vehicle dynamics	ELITE TECHNO GROUPS	9/7/2020	10/18/2020
13	Suhaib ali khan	Irr17me113	HVAC DESIGN	prinston smart engineers	3/1/2021	4/15/2021
14	Goutham U	IRR17ME028	Conforma Cladding	KennaMetal pvt. Ltd	3/15/2021	4/9/2021
15	CHETHAN A	IRR17ME015	CONFORMA CLADDING	KENNAME TAL Pvt.Ltd	3/15/2020	4/9/2020
16	MANU D H	IRR16ME051	Heating ventilation air conditioning	Priston samart Eng	3/1/2021	4/10/2021
17	Preetham R	Irr16me077	Engine transmission and body design at bmtc	Central work shop BMTC	3/15/2021	6/21/2021
18	Chandan MN	IRR16ME019	A Study on Engine, Transmission and bus body design	BMTC	3/15/2021	6/21/2021
19	NITEEN	IRR17ME075	Study of the manufacturing process of white crystal sugar	The Mahatma Gandhi Bhalki dt bidar	3/10/2021	4/7/2021
20	Koushik v	IRR15ME048	Pneumatic sheet metal cutting	Mirido technologies Pvt Ltd	3/11/2021	4/10/2021
21	Darshan Kesarkar M	IRR17ME021	Altair Hyperworks	Rajarajeswari College of Engineering	3/10/2021	4/10/2021
22	VINEETH. V	IRR17ME128	Production of electronics	BEL	3/16/2021	4/15/2021
23	R. Nitish Kumar	Irr16me082	Heating ventilation and air conditioning systems	Prinston smart enginers	3/1/2021	4/10/2021
24	Shashank B S	IRR17ME104	Altair Hyperworks	Rajarajeswari college of engineering	3/10/2021	4/10/2021
25	Rahul A	IRR16ME086	Electric Vehicle	SkillDzire	11/3/2021	10/4/2021

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26	Karthik M	IRR17ME049	Vehicle Dynamics	Elite Techno Groups	9/7/2020	10/18/2020
27	Hariharan P	IRR17ME031	Overview Of Export Manufacturing	Bharat Electronics Limited	3/18/2021	4/17/2021
28	Dakshath gowda A	IRR16ME405	Pneumatic Sheet Metal Cutting	Mirdo Technologies	3/11/2021	4/10/2021
29	Avinash N	IRR17ME010	Altair Hyperworks	Rajarajeswari college of engineering	3/10/2021	4/10/2021
30	Zubair Bashir lone	IRR18ME411	Vehicle dynamics	Elite Techno Groups	8/17/2020	9/27/2021
31	Dhruva v	IRR17ME027	ALTAIR HYPERWORKS	Rajarajeswari college of engineering	3/10/2021	4/10/2021
32	Jagadeesha K	IRR17ME041	INTERNSHIP ON ALTAIR HYPERWORKS	RRCE	3/10/2021	4/10/2021
33	B K HEMSAGAR	IRR17ME039	Internship on Altair Hyperworks	RRCE	3/10/2021	4/10/2021
34	Abhay.B	IRR17ME003	A study of Manufacturing of Aerospace launch vehicle	HAL Aerospace Division	3/4/2021	4/3/2021
35	Abhay.B	IRR17ME003	A study on Manufacturing of Aerospace launch vehicle	HAL Aerospace Division	3/4/2021	4/3/2021
36	Abhishek D	IRR17ME004	Basics in Pneumatics and Hydraulics	Karnataka German Technical Training Institute	3/15/2021	8/14/2021
37	MD MOIZ PASHA	IRR16ME036	Study on pv inverters and motor drives	TMEIC	3/10/2021	4/15/2021
38	Sagar K B	IRR17ME095	Intern	Standard Elastomers	7/27/2020	8/27/2020
39	Harshavardhan B	IRR17ME034	Vehicle Dynamics	Elite Techno Groups	8/3/2020	9/14/2020
40	Nishanth s	IRR17ME074	Product engineering-wiring harness and battery pack design	GRADPRO	9/22/2020	1/13/2021
41	Suhas K N	Irr17me114	Altair Hyperworks	Rajarajeswari college of engineering	3/10/2021	4/10/2021
42	Sharath	IRR17ME101	Altair Hyperworks	RRCE	3/10/2021	4/10/2021
43	Aishwarya J	IRR17ME006	Aerospace materials	CSIR NIIST	9/7/2020	10/1/2020
44	Mohammed Musab Khan	IRR17ME063	Vehicle Dynamics	Elight Techno Group	8/21/2020	10/2/2020
45	Chiranjeevi Ram P	IRR17ME019	ENGINE TRANSMISSION AND BUS BODY DESIGN	BMTC	3/15/2021	6/21/2021
46	Mohamed Haseebulla	IRR17ME061	Vehicle dynamics of commercial vehicles and race cars	Elite techno groups	8/17/2020	9/28/2020
47	Sushmitha T R	IRR17ME116	Hyperworks	Rajarajeswari college of engineering	3/10/2021	4/10/2021
48	Sai Pavan R Naidu	IRR17ME096	Altair hyperworks	Rrce	3/10/2021	4/10/2021
49	Abhishek S P	IRr17ME005	ADVANCED AEROSPACE MATERIALS	CSIR- National Institute Of Interdisciplinary Science	7/6/2020	8/9/2021
50	Abraham Kingston S	IRR17ME091	HVAC analysis	Prinston smart engineers	3/1/2021	4/30/2021
51	Mukul Kumar j	IRR15ME059	MECHATRONICS IN INDUSTRIAL APPLICATIONS	LIME ELECTRONICS INC	3/15/2021	4/15/2021
52	Mohamed Haseebulla	IRR17ME061	Vehicle dynamics of commercial and race cars	Elite techno groups	8/17/2020	9/28/2020
53	Praveen.R	IRR16ME076	Hydraulic torque wrenches	Dark horse hydraulics	3/13/2021	4/24/2021

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54	Chethan b	1rr17me016	Engine transmission and body design	Bmtc	3/15/2021	6/21/2021
55	Niroop BS	1RR17ME073	Production Process Of Electronics	Bharath Electronics Limited	3/17/2021	4/15/2021
56	Shanthi Swaroop K	1RR17ME100	Altair Hyperworks	Rajarajeswari College Of Engineering	3/10/2021	4/10/2021
57	YATHISH KUMAR B L	1RR17ME134	Hyper mesh	Altair Hyperworks	3/10/2021	4/10/2021
58	Harshith K	1RR17ME035	Advanced automation	Maruti Suzuki	3/10/2021	4/10/2021
59	Rakshith M	1RR17ME086	CNC Milling	Govt. Tool Room & Training Center	3/1/2021	3/31/2021
60	Harsha H K	1RR17ME032	Industrial Automation	Karnataka German technical training institute	3/15/2021	9/14/2021
61	Suhas M P	1RR16ME124	Hydraulic cylinders and powerpack	DARK HORSE HYDRAULICS	3/12/2021	4/10/2021
62	VD JAYARAM	1RR17ME122	Hypermesh	RajaRajeswari College of engineering	3/7/2021	4/7/2021
63	Mithun P	1RR17ME060	Vehicle Dynamics	Elite Tecno Group	8/31/2020	10/11/2020
64	Sri Sai Rakshan M	1rr17me110	Avoid of mechanical fasteners	Honda motorcycle scooter India Pvt Ltd	3/22/2021	4/22/2021
65	Shashikiran.V	1RR17ME444	A Study on Engine, Transmission and Bus Body Design	BMTC	3/10/2021	4/27/2021
66	REVANTH KUMAR L	1RR16ME096	Engine transmission and bus body design	BMTC	3/15/2021	6/21/2021
67	Niranjan .B. Chandargi	1RR18ME403	Internship on production of valves	VALTEK CORPORATION	3/18/2021	4/17/2021
68	Karan B S	1rr17me045	Advanced Aerospace Materials Characterization and Modeling	CSIR NIIST	9/7/2020	10/1/2020
69	Yashwanth n	1RR16ME143	Hydraulic cylinders & power packs	Dark horse hydraulics	3/12/2021	4/10/2021
70	VINOD.B	1RR17ME129	CNC MILLING PROGRAMMING	Govt. Toll Room & Training Centre	8/1/2021	3/31/2021
71	Venkatesha	1RR17ME124	Hvsc design	Piston smart engineers	10/7/2020	11/12/2020
72	Mohammedhusain Bashirahmed Shiral	1RR16ME058	Study on PV inverters and motor drives	TMEIC	3/10/2021	4/15/2021
73	Vamshikrishna D N	1RR17MR123	CNC milling programming	GTTC Bangalore	3/1/2021	3/31/2021
74	Rohan K. Acharya	1RR17ME089	Internship	Standard Elastomers	7/27/2020	8/22/2020
75	Manoj I V	1RR17ME055	Engine Transmission and Bus Body Design	BMTC	3/12/2021	4/27/2021
76	Syed Mateen Khundmiri	1RR17ME117	Parts Manufacturing Using CNC Operations	Chaitanya Hi-Tech Engineering Co.Pvt.Ltd	3/1/2021	4/1/2021
77	Manoj I V	1RR17ME055	Engine Transmission and Bus Body Design	BMTC	3/12/2021	4/27/2021
78	Balaji R	1RR17ME011	Vehicle dynamics	Elite techno groups	8/3/2020	9/14/2020
79	Akshay V Rao	1rr15me009	Product Engineering - Wiring Harness & Battery Pack Design	Gradpro	3/13/2021	5/5/2021
80	Chethan KR	1RR16ME020	Heating ventilation and air conditioning	Prinston smart enggineers	8/10/2020	9/10/2020
81	Darshan C J	1RR16ME022	HEATING VENTILATION AND AIR CONDITIONING	PRINSTON SMART ENGINEERS	8/10/2020	9/10/2020

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82	Ravikiran R	IRR17ME088	CNC MILLING OPERATION	Govt. Tool Room & Training centre (GTTC) Bangalore	3/1/2021	3/31/2021
83	Vikas H	IRR18ME410	CNC Mchining	Chaitanya Hi-tech engg. co (p), LTD	3/1/2021	4/1/2021
84	Pragati Bhatt	IRR17ME079	Mechanical Design Department	Ven gree metal punch private limited	12/7/2020	1/13/2021
85	Ujjwal Kumar A N	IRR17ME120	CNC milling programming	GTTC Bangalore	3/1/2021	8/31/2021
86	Bharath S	IRR15ME025	A study on Engine, transmission and Bus body design at BMTC	Bangalore Metropolitan Transport corporation	3/15/2021	4/26/2021
87	Chethan S	IRR17ME404	Assembly and calibration of vision measurement machine	Omega metrology products	3/1/2021	3/30/2021
88	ARAVIND S	IRR16ME009	Heat ventilation and air conditioning	Prinston smart engginers	8/10/2020	9/10/2020
89	Manikanta m shivayogi	Irr16me041	HVAC design for school building	Prinstons smart engineers	3/1/2021	4/10/2021
90	Upendra R	IRR17ME121	CNC MILLING	Government tool Room GTTC	3/1/2021	3/25/2021
91	Ujjwalkumar AN	IRR17MME120	CNC MILLING PROGRAMMING and OPERATION	Govt tool room and training center (GTTC)	3/1/2021	3/31/2021
92	Praveen Gandhi M	IRR17ME082	HVAC Design	Prinston Smart Engineering	3/1/2021	4/15/2021
93	Vighnesh G	Irr16me134	Hydraulic cylinder	Dark horse hydraulics	3/12/2021	4/10/2021
94	Prasad v	Irr17me080	CNC milling operation	GTTC	3/1/2021	3/31/2021
95	Adeshkumar M S	IRR15ME004	Mechatronics in Industrial Application	LIME ELECTRONICS INC	3/15/2021	4/15/2021
96	Deepak Devanand	Irr17me024	Hyperworks	Rajarajeswari college of engineering	3/10/2021	4/10/2021
97	Chethan. K. M	Irr17me017	ALTAIR HYPERWORKS	Rajarajeswari college of engineering	3/10/2021	4/10/2021
98	Karthik HP	IRR17ME048	Assembly and projects handling	QA Bangalore Pvt Ltd	3/17/2021	4/20/2021
99	Shridhar Danawad	IRR17ME108	Product design and development	Triveni hitech pvt Ltd	3/4/2021	4/6/2022
100	Shashivardhan B S	IRR17ME106	CNC MILLING OPERATION	Govt tool room and training centre (GTTC)	3/1/2021	3/31/2021
101	Pavan Nikhil Picardo	IRR17ME078	HVAC DESIGN	Prinston Smart Engineers	3/1/2021	5/10/2021
102	Mohan K	IRR17ME065	Improvement of safety conditions by eliminating host	Toyota	3/1/2021	4/17/2021
103	Bharath K B	IRR17ME013	Altair Hyperworks	Rajarajeshwari college Of engineering Bangalore	3/10/2021	4/10/2021
104	Sachin SK	Irr16me100	Hypermesh	Rajarajeshwari college of engineering	3/10/2021	4/10/2021
105	Kiran M	IRR17ME052	Advanced Automation	Maruthi Suzuki	3/10/2021	4/10/2021
106	Wasim Ahmed.M	IRR17ME131	Defence and aerospace, mining and construction, Rail	BEML	3/23/2021	4/21/2021
107	Praveen Kumar S	IRR17ME083	STUDY ON AIRCRAFT MANUFACTURING	HAL Aircraft Division	1/17/2020	1/31/2020
108	Sachin. H. S	IRR17ME094	Heating ventilation and air conditioning	Prinston smart engineers	11/7/2020	12/12/2020
109	Praveen Kumar S	IRR17ME083	STUDY ON AIRCRAFT MANUFACTURING	HAL Aircraft Division	1/17/2020	1/31/2020

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1/10/21
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110	Rangaswamy, K	1rr17me437	C-storm	Arukas-tech	8/6/2020	10/30/2020
111	Marvel M Vaz	1rr17me058	Paper production	West coast paper mills ltd	3/3/2021	4/3/2021
112	Nikhil H R	IRR16ME067	Hydraulic cylinders & power packs	Dark horse hydraulics	3/12/2021	4/10/2021
113	Vinay V	IRR17ME127	CNC Milling programming and Operation	Govt. Tool Room and Training Centre	3/1/2021	3/31/2021
114	Pavan kalyan	1rr15me071	Pneumatic sheet metal cutting	MIRDO TECHNOLOGIES	3/11/2021	4/10/2021
115	Nikhil N R	IRR17ME072	Vehicle Dynamics	ELITE TECHNO GROUPS	8/17/2020	9/27/2020
116	Pramod Kumar C	1rr15me075	Pneumatic sheet metal cutting	MIRDO TECHNOLOGIES	3/11/2021	4/10/2021
117	SANDESHA G D	IRR18ME405	Heating ventilation and air conditioning	HVAC	3/1/2021	4/10/2021
118	Prashanth J	IRR17ME081	Intership training	Beml ltd	3/22/2021	4/19/2021
119	Nithin P	IRR17ME077	Mechanical Production Division	Magnitude Transformers	12/1/2020	1/1/2021
120	Abhishek pawar	IRR15ME002	Mechatronics in industrial	Lime Electronics	3/15/2021	4/15/2021
121	Rohan S	IRR17ME090	CNC MILLING	GTTC	3/1/2021	3/31/2021
122	Ravi S Kanchan	IRR15ME082	Course in aircraft and aerospace engineering	Center of excellence in aerospace and defense	7/7/2019	8/8/2019
123	NAMITH S GOWDA	IRR17ME068	Assembly and project handling	QA BANGLORE Pvt.Ltd	3/17/2021	4/20/2021
124	Naveen Kumar s	1rr17me070	Engine Transmission and body design	BMTC	3/26/2021	4/27/2021
125	abdul jaleel ahmed	1rr17me002	DYNAMICS OF COMMERCIAL & RACE CARS	ELITE TECHNO GROUPS	8/17/2020	9/28/2020
126	SYED YOUSUF	IRR16ME426	CNC MILLING OPERATION	GTTC	3/21/2021	4/21/2021
127	Naveen A	IRR17ME124	Comparative study on Vehicles manufactured in BEML	BEML, Mysuru	3/1/2021	3/31/2021
128	Hemanth Gowda HS	IRR17ME036	Alter Hyperworks(hypermesh)	Rajarajeshwari college of engineering	3/10/2021	4/10/2020
129	MIR MOHAMMED	IRR17ME059	Altair hyperworks	Rajarajeshwari college of engineering	3/10/2021	9/10/2021
130	Ranjith kumar v	1rr17me087	CNC milling operation	GTTC	3/1/2021	3/31/2021
131	Mir Mohammed	IRR17ME059	Altair hyperworks	Rajarajeshwari college of engineering	3/10/2021	4/10/2021
132	KANIMESHA G	IRR17ME044	SWITCH GEAR MANUFACTURE	TRIVENI HITECH PVT LTD	3/4/2021	4/6/2021
133	Lakshman M	IRR16ME413	"Assembly and Calibration of Vision Measurement Machine"	Omega Metrology Products	3/1/2021	3/30/2021
134	Yadhunandan P	IRR17ME132	Comparative Study on the vehicles Manufactured in BEML	Bharat Earth Movers Limited	3/1/2021	3/31/2021
135	Achyuth Yadav s	IRR16ME400	All department	Rane Engine Valve	7/27/2020	8/27/2021
136	CHANDU KUMAR S	IRR18ME401	INDUSTRIAL TRAINING AT KTM SERVICE CENTER	KTM	3/1/2021	4/1/2021
137	DEEPAK SRINIDHI	IRR17ME025	FOUNDRY AND FORGE	HAL FOUNDRY AND FORGE DIVISION	3/17/2021	4/17/2021

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INTERNSHIP REPORT

On

“PNEUMATIC SHEET METAL CUTTING”

Submitted

to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANA SANGAMA, BELGAUM-590014, KARNATAKA, INDIA



*In the partial fulfillment of the requirement for the award of
the Degree*

**BACHELORS OF ENGINEERING
in
MECHANICAL ENGINEERING**

By

**NAME: Koushik V
USN: IRR15ME048**

Under the Guidance of

Internal Guide:

Dr. Shankara Reddy R

Professor

**Dept. of Mech. Engg, RRCE
Bengaluru-560074**



**DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
KUMBALAGODU, BENGALURU – 560074.**

Academic Year- 2020-21

RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli, Kumbalgodu, Mysore Road,
Bengaluru - 560074.
(Affiliated to Visvesvaraya Technological University & Approved by AICTE, New Delhi)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the internship entitled, "PNEUMATIC SHEET METAL CUTTING", is a bonafide work carried out in the department by KOUSHIK V bearing USN: 1RR15ME048 in the partial fulfillment of the award of Bachelors of Engineering in Mechanical Engineering of the Visvesvaraya Technological University (VTU), Belgaum during the academic year 2020-2021. It is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship training prescribed for the said degree.

Signature of the Internal Guide

Prof. Dr. Shankara Reddy R

Signature of the HOD

Dr. C Ramesh

Signature of the Principal
Dr. T. Chandrashekar

EXTERNAL VIVA

Name of the Examiners

Signature with date

- 1) _____
- 2) _____



MIRDO Technologies

Date: 11th March 2021

Sub: INTERNSHIP CERTIFICATE OF COMPLETION

This is to certify that **Mr. Koushik V, USN NO: 1RR15ME048** a student of Bachelor of Engineering in Mechanical Engineering **RAJARAJESWARI COLLEGE OF ENGINEERING**, Bangalore, has successfully completed four weeks 11th March 2021 to 10th April 2021 Internship programme on "PNEUMATIC SHEET METAL CUTTING" at our organization **MIRDO TECHNOLOGIES LLP Bangalore**. During the period of his Internship Programme with us he found hardworking, sincere and inquisitive.

For MIRDO TECHNOLOGIES LLP

THANK YOU

For **MIRDO TECHNOLOGIES LLP**,

Managing Director

MIRDO Technologies LLP

4,2, 1st Floor, Attiguppe Main Road, Vijayanagar, Bangalore-560040.
Website : www.mirdotechnologies.com, Ph : 9591007877, 9986536323.

INTERNSHIP REPORT

On

“STUDY OF HYDRAULIC POWER PACK”

Submitted

to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANA SANGAMA, BELGAUM-590014, KARNATAKA, INDIA



In the partial fulfillment of the requirement for the award

The Degree

BACHELORS OF ENGINEERING
In
MECHANICAL ENGINEERING

By

YASHWANTH N

USN:1RR16ME143

Under the Guidance of

Internal Guide

Dr. R SHANKARA REDDY

Prof, Dept.ofME,

RRCE, Bangalore-74



DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
KUMBALAGODU, BENGALURU – 560074,
Academic Year- 2020-21

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Bengaluru - 560074.

(Affiliated to Visvesvaraya Technological University & Approved by AICTE, New Delhi)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the internship entitled, "STUDY OF HYDRAULIC POWER PACK", is a bonafide work carried out in the department by YASHWANTH N bearing USN: IRR16ME143 in the partial fulfillment of the award of Bachelors of Engineering in Mechanical Engineering of the Visvesvaraya Technological University (VTU), Belgaum during the academic year 2020 - 2021. It is certified that all suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship training prescribed for the said degree.

Internal Guide

Dr. R SHANKARA REDDY

Prof, Dept. of ME,
RRCE, Bangalore-74

Signature of the Principal

Dr. T Chandrasekhar

Internship Coordinator

Dr. RADHAKRISHNA R.K

Associate Professor

HOD-ME

Dr. C.Ramesh

Professor and Head

EXTERNAL VIVA

Name of the Examiners

Signature with date

1) _____

2) _____



DARK HORSE HYDRAULICS

THE HUB OF ENGINEERING SOLUTIONS

Mfrs. & Servicing: Hydraulic Torque Wrenches, Jack, Industrial Sockets
Hydraulic Cylinders, Power Packs, Material Handling Equipment

Certificate of Internship

YASHWANT N (1RR16ME143)

This is to certify that Student of Rajarajeswari College of Engineering, Bengaluru has Successfully completed his internship in Dark Horse Hydraulics, Bengaluru from 12/03/2021 to 10/04/2021

His Conduct and Progress during the above period was found to be SATISFACTORY.


B. V. MANJUNATH
PROPRIETOR



GSTIN No: 29BP8PM2515M1ZP

☎ 9591976431 9035414890

• darkhorsehydraulics22@gmail.com

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Near Check Post, Bengaluru-560 079

INTERNSHIP REPORT

On

“PNEUMATIC SHEET METAL CUTTING”

Submitted
to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANA SANGAMA, BELGAUM-590014, KARNATAKA, INDIA



*In the partial fulfillment of the requirement for the award of
the Degree*

BACHELORS OF ENGINEERING
in
MECHANICAL ENGINEERING

By

NAME: DAKSHATH GOWDA A
USN: 1RR16ME405

Under the Guidance of

Internal Guide:
Dr. Shankara Reddy R
Professor
Dept. of Mech. Engg. RRCE
Bengaluru-560074



DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
KUMBALAGODU, BENGALURU – 560074.
Academic Year- 2020-21

RAJARAJESWARI COLLEGE OF ENGINEERING

#14, Ramohalli, Kumbalagodu, Mysore Road,
Bengaluru - 560074.

(Affiliated to Visvesvaraya Technological University & Approved by AICTE, New Delhi)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the internship entitled, "PNEUMATIC SHEET METAL CUTTING", is a bonafide work carried out in the department by DAKSHATH GOWDA A bearing USN: 1RR16ME405 in the partial fulfillment of the award of Bachelors of Engineering in Mechanical Engineering of the Visvesvaraya Technological University (VTU), Belgaum during the academic year 2020-2021. It is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship training prescribed for the said degree.

[Handwritten Signature]
Signature of the Internal Guide

Prof. Dr. Shankara Reddy R

[Handwritten Signature]
Signature of the HOD

Dr. C Ramesh

[Handwritten Signature]
Signature of the Principal
Dr. T. Chandrashekar

EXTERNAL VIVA

Name of the Examiners

Signature with date

- 1) _____
- 2) _____



MIRDO Technologies

Date: 11th March 2021

Sub: INTERNSHIP CERTIFICATE OF COMPLETION

This is to certify that **Mr. DAKSHATH GOWDA A.** USN NO: **IRRI6ME405** a student of Bachelor of Engineering in Mechanical Engineering **RAJARAJESWARI COLLEGE OF ENGINEERING**, Bangalore, has successfully completed four weeks 11th March 2021 to 10th April 2021 Internship programme on "PNEUMATIC SHEET METAL CUTTING" at our organization **MIRDO TECHNOLOGIES LLP Bangalore**. During the period of his Internship Programme with us he found hardworking, sincere and inquisitive.

For MIRDO TECHNOLOGIES LLP

THANK YOU

For MIRDO TECHNOLOGIES LLP,

Managing Director

MIRDO Technologies L.L.P

4,2, 1st Floor, Attiguppe Main Road, Vijayanagar, Bangalore-560040.

Website : www.mirdotechnologies.com, Ph : 9591007877, 9986536323.

INTERNSHIP REPORT

On
“Manufacturing process of internal combustion engine valves”
Submitted
to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY JNANA SANGAMA,
BELGAUM-590014, KARNATAKA, INDIA



*In the partial fulfilment of the requirement for the award of
the Degree*

BACHELORS OF ENGINEERING
in
MECHANICAL ENGINEERING

By

NAME: ACHYUTH YADAV S
USN: 1RR16ME400

Under the Guidance of
Internal Guide:

Dr. Shankara Reddy R

Professor

Dept. of Mech. Engg, RRCE

Bengaluru-560074



DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
KUMBALAGODU, BENGALURU – 560074,
Academic Year-2020-21

RAJARAJESWARI COLLEGE OF ENGINEERING

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Bengaluru - 560074.

(Affiliated to Visvesvaraya Technological University & Approved by AICTE, New Delhi)

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the Industrial Training report entitled “Manufacturing process of internal combustion engine valves “is prepared and presented by Achyuth Yadav S (1RR16ME400) in partial fulfillment of the requirement for the award of the Degree of Bachelor of Engineering in Mechanical Engineering at Rajarajeswari college of Engineering, during the year 2020-21. The report has been approved as it satisfies the academic requirements for the Bachelor of Engineering Degree.

[Signature]
Signature of the Internal Guide *06/08/21*
Dr. Shankara Reddy R
Professor

[Signature]
Signature of the Internship Coordinator
Radhakrishna R.K
Associate Professor

[Signature]
Signature of the HOD
Dr. C Ramesh
Prof & Head

[Signature]
Signature of the Principal
Dr. T Chandrashekar

EXTERNAL VIVA

Name of the Examiners

Signature with date

1) _____
2) _____



Rane Engine Valve Ltd.

Plot No. 36, B & 37 Maruthi Industrial Area,
Maruthi, Tumkuru - 572 104, Karnataka, India.
Tel: 91 016-3292512
CIN: L749991M1972PLC006127
Website: www.rane.co.in

REVL/HR/01/2020

29 August 2020


TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Achyuth Yadav S (Reg - IRR16ME400) a student of **Rajrajeshwari Engineering College Bangalore** has successfully completed his internship programme for the period 27 July 2020 to 27 August 2020 in our organization.

During the period of his internship programme with us he found punctual, hardworking.

We wish him all the best in his future endeavors.

For Rane Engine Valve Limited


Channabasappa K
Manager - HR

INTERNSHIP REPORT

On

“ADVANCED AUTOMATION”

Submitted

to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANA SANGAMA, BELGAUM-590014, KARNATAKA, INDIA



In the partial fulfillment of the requirement for the award of

the Degree

BACHELORS OF ENGINEERING
in
MECHANICAL ENGINEERING

By

NAME: KIRAN M
USN: 1RR17ME052

Under the Guidance of

Internal Guide

RADHAKRISHNA RK
Assistant Professor
Dep. of Mech Engg RRCE
Bengaluru-560074

External Guide

Mr. HEMANTH KUMAR P V
MARUTHI SUZUKI
Bengaluru-560048



DEPARTMENT OF MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING
KUMBALAGODU, BENGALURU – 560074,
Academic Year- 2020-2021

RAJARAJESWARI COLLEGE OF ENGINEERING

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Bengaluru - 560074.

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the internship entitled, "ADVANCED AUTOMATION", is a bonafied work carried out in the department by KIRAN M bearing USN: 1RR17ME052 in the partial fulfillment of the award of Bachelors of Engineering in Mechanical Engineering of the Visvesvaraya Technological University (VTU), Belgaum during the academic year 2020 - 2021. It is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship training prescribed for the said degree.

Signature of the Internal Guide
Prof. Radhakrishna R K

[Signature]
01/08/21

Signature of Internship Coordinator
Prof. Radhakrishna R K

[Signature]
01/08/21

Signature of the HOD
Dr. C Ramesh

[Signature]
01/08/21

Signature of the Principal
Dr. T. Chandrashekar

[Signature]
01/08/21

EXTERNAL VIVA

Name of the Examiners

Signature with date

1) Radhakrishna R K

[Signature]
01/08/21

2)



We present this certificate to Kiran M in

appreciation of your successful work as an intern at

Advanced Automation.

The internship was conducted between

10th March 21 and 10th April 21.

For MARUTI SUZUKI


DALE CARNER
DIRECTOR HR

Signature