

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1075462



H.T No.: **11K91A0352**

College Code : K9 ( T K R C E, MEDBOWLI )

*Mr. Konakanchi Ajay Kumar Tejaswi*  
*S/o. Konakanchi Lakshmi Narasimha Rao*

having fulfilled the academic requirements and passed the examination  
held during *May, 2015* in *First Class with Distinction*  
has this day been admitted by the Executive Council to the Degree of

*Bachelor of Technology*  
*Mechanical Engineering*

Given under the Seal of the University

Date: 21-04-2017



*CSE*

*H. J. H. J.*

*A. J. H. J.*

DIRECTOR OF EVALUATION

REGISTRAR









VICE CHANCELLOR

CMM No  
21132015733



46101010076

PC No  
31132015700

OD 	IYR 	II/I 	II/II 
III/I 	III/II 	IV/I 	IV/II 

69.5% and above	:	FIRST CLASS WITH DISTINCTION
59.5% & above and below 69.5%	:	FIRST CLASS
49.5% & above and below 59.5%	:	SECOND CLASS
Below 49.5%	:	PASS CLASS

Hall Ticket No. : 11K91A0352

Verified by : 

S. Tane kalyan  
Controller of Examinations





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

## HYDERABAD - 500 085, TELANGANA STATE, INDIA.

### CONSOLIDATED MARKS MEMO / CREDIT SHEET

B.Tech. MECHANICAL ENGINEERING

CMM. No.: **C 0594545**

Serial No.: 21132015733

Name: **KONAKANCHI AJAY KUMAR TEJASWI**

Hall Ticket No.: **11K91A0352**

Year of Admission: 2011-2012

Name of the College: K9-T K R C E, MEDBOWLI

Month & Year of Final Exam: May, 2015

Class Awarded: FIRST CLASS WITH DISTINCTION



S.No.	SUBJECT TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	S.No.	SUBJECT TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
	Maximum Marks in Theory	25	75	100			Maximum Marks in Lab	25	50	75	
<b>I YEAR</b>											
1	ENGLISH	24	60	84	4	2	MATHEMATICS - I	25	75	100	6
3	ENGINEERING MECHANICS	23	54	77	6	4	ENGINEERING PHYSICS	23	55	78	4
5	ENGINEERING CHEMISTRY	25	45	70	4	6	COMPUTER PROGRAMMING & DATA STRUCTURES	25	40	65	6
7	ENGINEERING DRAWING	23	71	94	4	8	COMPUTER PROGRAMMING LAB	25	50	75	4
9	ENGG. PHYSICS & ENGG. CHEMISTRY LAB	25	42	67	4	10	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	25	50	75	4
11	ENGINEERING WORKSHOP & IT WORKSHOP	00	46	46	4						
<b>I SEMESTER</b>											
<b>II YEAR</b>											
1	ENVIRONMENTAL STUDIES	21	49	70	3	1	PRODUCTION TECHNOLOGY	21	53	74	4
2	PROBABILITY AND STATISTICS	22	56	78	3	2	KINEMATICS OF MACHINERY	23	69	92	3
3	ELECTRICAL & ELECTRONICS ENGG	23	53	76	4	3	APPLIED THERMODYNAMICS - I	22	41	63	3
4	MECHANICS OF SOLIDS	23	67	90	3	4	MECHANICS OF FLUIDS AND HYDRAULIC MACHINES	23	67	90	4
5	THERMODYNAMICS	21	41	62	4	5	MACHINE DRAWING	23	48	71	4
6	METALLURGY & MATERIAL SCIENCE	24	45	69	4	6	NUMERICAL METHODS	24	60	84	3
7	ELECTRICAL AND ELECTRONICS ENGINEERING LAB	22	49	71	2	7	PRODUCTION TECHNOLOGY LAB	24	49	73	2
8	METALLURGY & MECHANICS OF SOLIDS LAB	23	49	72	2	8	MECHANICS OF FLUIDS & HYDRAULIC MACHINES LAB	22	45	67	2
<b>I SEMESTER</b>											
<b>III YEAR</b>											
1	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	23	52	75	4	1	HEAT TRANSFER	20	35	55	4
2	METROLOGY & SURFACE ENGINEERING	23	59	82	3	2	INDUSTRIAL MANAGEMENT	21	43	64	4
3	DYNAMICS OF MACHINERY	24	35	59	4	3	AUTOMOBILE ENGINEERING	24	42	66	3
4	MACHINE TOOLS	23	38	61	3	4	ADVANCED ENGLISH COMMUNICATION SKILLS (LAB)	23	47	70	2
5	DESIGN OF MACHINE MEMBERS - I	24	57	81	4	5	HEAT TRANSFER (LAB)	22	48	70	2
6	APPLIED THERMODYNAMICS - II	22	47	69	3	6	FINITE ELEMENT METHODS	22	50	72	3
7	MACHINE TOOLS & METROLOGY (LAB)	22	46	68	2	7	DESIGN OF MACHINE MEMBERS - II	15	59	74	3
8	THERMAL ENGINEERING (LAB)	23	48	71	2	8	REFRIGERATION AND AIR CONDITIONING	23	51	74	4
<b>I SEMESTER</b>											
<b>IV YEAR</b>											
1	CAD/CAM	22	26	48*	4	1	PRODUCTION PLANNING AND CONTROL	23	45	68	3
2	ROBOTICS	20	32	52*	3	2	PLANT LAYOUT & MATERIAL HANDLING	23	54	77	3
3	INSTRUMENTATION AND CONTROL SYSTEMS	18	36	54	4	3	RENEWABLE ENERGY SOURCES	20	50	70	3
4	OPERATIONS RESEARCH	19	46	65	4	4	INDUSTRY ORIENTED MINI PROJECT	-	49	49	2
5	COMPUTER AIDED DESIGN AND MANUFACTURING LAB	23	46	69	2	5	SEMINAR	49	-	49	2
6	PRODUCTION DRAWING PRACTICE AND INSTRUMENTATION	24	46	70	2	6	PROJECT WORK	48	147	195	10
7	UNCONVENTIONAL MACHINING PROCESSES	19	55	74	3	7	COMPREHENSIVE VIVA	-	98	98	2
8	POWER PLANT ENGINEERING	20	70	90	3						
<b>II SEMESTER</b>											
(# Project Internal=50, External=150)											

Number of Credits registered for: 200 Aggregate Marks Secured for best: 193

Aggregate Marks Secured: 4172 OUT OF 5250 (79.47%)

Date of Issue: June 14, 2015

(see overleaf for Rules concerned to award of class)

A indicates 'ABSENT'

(\*Courses registered but not counted for calculation of aggregate)



*Aravind S. Singh*

CONTROLLER OF EXAMINATIONS



# BOARD OF SECONDARY EDUCATION ANDHRA PRADESH

HH 0682301



REGULAR PC/32/31431/582301/8

## SECONDARY SCHOOL CERTIFICATE

**CERTIFIED THAT** **KONAKANCHI AJAY KUMAR TEJASWI**  
bearing Roll No **0932122308**  
**S/O KONAKANCHI LAKSHMI NARASIMHA RAO**  
**belongs to** **ROSA MYSTICA CONVENT H.S. KAMALAPURAM.**

**has appeared and PASSED SSC EXAMINATION held in MARCH 2009 in** **FIRST**

**Division with** **ENGLISH** **as medium of instruction.**

DATE OF BIRTH

17/08/1994

DAY

MONTH

YEAR

ONE SEVEN

AUGUST

ONE NINE NINE FOUR

### THE CANDIDATE SECURED THE FOLLOWING PERCENTAGE OF MARKS

SUBJECT	Marks Secured (in figures)	Marks Secured (in words)
FIRST LANGUAGE : ( TELUGU )	83	EIGHT THREE
THIRD LANGUAGE : ENGLISH	79	SEVEN NINE
MATHEMATICS :	89	EIGHT NINE
GENERAL SCIENCE :	91	NINE ONE
SOCIAL STUDIES :	93	NINE THREE
TOTAL :	435	FOUR THREE FIVE
SECOND LANGUAGE : ( HINDI )	75	SEVEN FIVE
GRAND TOTAL :	510	FIVE ONE ZERO
Life Skills Education : GRADE SECURED :	A	
Marks of Identification :	1. A MOLE ON THE LEFT CHEEK 2. A MOLE ON THE RIGHT SIDE OF THE NECK	

*Ss Anandam*  
Headmistress

Rosa Mystica Convent School,  
KAMALAPURAM

W. No. 1-506, 172

A.P. India

Date of issue : 27.05.2009

*Al. Kaneti*  
SECRETARY  
BOARD OF SECONDARY EDUCATION  
A.P., HYDERABAD

1. Life skills Education : The Grade shall be incorporated by the respective Head of the Institution before delivery of the certificates to the candidates.
2. Any corrections in the certificate will not be entertained after one year from the date of issue.
3. Any unauthorised correction in the certificate will result in cancellation of certificate.
4. The Marks with asterisk indicate the old marks secured in previous appearances.

2009





Sl. No. **K086609**

05/05037/K086609



# Board of Intermediate Education, A. P.

Vidya Bhavan, Nampally, Hyderabad - 500 001



## INTERMEDIATE PASS CERTIFICATE CUM MEMORANDUM OF MARKS

This is to certify that **KONAKANCHI AJAY KUMAR TEJASWI** son  
of **KONAKANCHI LAKSHMI NARASIMHA RAO** bearing  
Registered No. **1105242091** has appeared at the Intermediate Public  
Examination held in **MARCH-2011** and passed in **A GRADE**  
with **ENGLISH** as the Medium of Instruction.

The subjects in which **he** was examined and the marks awarded are as follows :

Subject	I Year		II Year	
	Maximum Marks	Marks Secured	Maximum Marks	Marks Secured
Part - 1 : <b>ENGLISH</b>	100	095	100	077
Part - 2 : <b>SANSKRIT</b>	100	098	100	098
Part - 3 : Optional Subjects				
<b>MATHEMATICS - A</b>	075	075	075	075
<b>MATHEMATICS - B</b>	075	075	075	075
<b>PHYSICS</b>	060	059	060	058
<b>CHEMISTRY</b>	060	058	060	059
<b>PHYSICS PRACTICAL</b>			030	030
<b>CHEMISTRY PRACTICAL</b>			030	030
<b>ENVIRONMENTAL EDUCATION</b>	<b>Q U A L I F I E D</b>			
Total Marks In Figures	962 ⇒ <b>962</b>			
In words	<b>*NINE**SIX***TWO*</b>			
Date	28-04-2011			

**PRINCIPAL**  
**NRI JR. COLLEGE**  
Kamalahthopu Centre  
VIJAYAWADA-520 007.

*[Signature]*  
Controller of Examinations

1105242091



# SIX SIGMA GLOBAL INSTITUTE

THIS IS TO CERTIFY THAT

*Ajay Kumar Tejaswi Konakanchi*

HAS BEEN FORMALLY EVALUATED AND MET THE REQUIREMENTS SET FORTH BY SIX SIGMA GLOBAL INSTITUTE TO BE AWARDED THE TITLE OF CERTIFIED LEAN SIX SIGMA GREEN BELT PROFESSIONAL.



April 19, 2018

A handwritten signature in black ink, reading 'Zachary R. Shore', is written over a horizontal dotted line.

Zachary R. Shore | Managing Director | SSGI

[www.SixSigmaGlobalInstitute.com](http://www.SixSigmaGlobalInstitute.com)



ID Number: 11480710



## University Certificate

Mr.

Ajay Kumar Tejaswi  
Konakanchi

has successfully attended the course

Enterprise Resource Planning  
with SAP (TERP10 on S/4HANA)

during Winter Term 2017/18 and has obtained the  
certificate of performance.



Scientific Director  
Faculty of Economics and Business Administration  
Univ.-Prof. Dr. Heimo H. Adelsberger



Essen

16. FEB. 2018





# CERTIFICATE

## OF MERIT

This is to certify that

*Ajay Kumar Tejaswi Konakanchi*

---

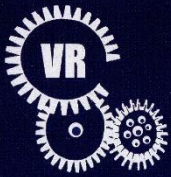
has successfully completed the  
**"Project Management - Essentials"**  
and is awarded this Certificate of merit

Issued on 10 Apr 2018

A handwritten signature in black ink, appearing to read "Bhaskaran Srinivasan", written over a thin horizontal line.

**Bhaskaran Srinivasan**  
Program Director  
Manipal ProLearn





ISO 9001-2008

# VR BEST SOFTWARE INDIA PVT. LTD.

The Complete CAD/CAM/CAE/GIS/PM

## Certificate of Completion

Reg No S1288/2012

This is to certify that

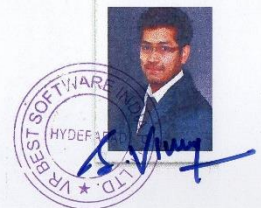
**Name: Mr. Ajay Kumar Tejaswi Konakanchi S/o Lakshmi Narasimha Rao**

**Has successfully completed the training courses on**

**"ANSYS"**

**From 21<sup>st</sup> FEB 2018 -21<sup>st</sup> MAR2018**

**GRADE: A+**



**Authorised Signature**

# 6-3-788/7, III - Floor , Malgani Creations, Opp: Chandana Brothers, Ameerpet , Hyderabad,(T.S.)-500082.  
Ph : 040-64104045, 9133221311. [www.bestcadcenter.com](http://www.bestcadcenter.com)





ISO 9001-2008

# VR BEST SOFTWARE INDIA PVT. LTD.

The Complete CAD/CAM/CAE/GIS/PM

## Certificate of Completion

Reg No 81288/2012

This is to certify that

Name: Mr. Ajay Kumar Tejaswi Konakanchi S/o Lakshmi Narasimha Rao

Has successfully completed the training courses on

"NX"

From 21<sup>st</sup> FEB 2018 -21<sup>st</sup> MAR 2018

GRADE: A+



Authorised Signature

# 6-3-788/7, III - Floor , Malgani Creations, Opp: Chandana Brothers, Ameerpet , Hyderabad,(T.S.)-500082.  
Ph : 040-64104045, 9133221311. [www.bestcadcenter.com](http://www.bestcadcenter.com)



# ***Certificate of Completion***

***This is to certify that AJAY KUMAR TEJASWI  
KONAKANCHI successfully completed the Learn  
SAP Course - Online Beginner Training online  
course on Nov. 21, 2016***

*Peter Moxon*

Peter Moxon, Instructor

&

**udemy**

Certificate no: UC-00KA9EGW  
Certificate url [ude.my/UC-00KA9EGW](https://www.udemy.com/course/uc-00ka9egw/)





## CERTIFICATE

This is to certify that the project work entitled “**EXPERIMENTAL ANALYSIS ON VARIOUS METALS USING FRICTION STIR WELDING SET UP ON CONVENTIONAL UNIVERSAL MILLING MACHINE**” is a bonafide work carried out by the following students:

**K AJAY KUMAR TEJASWI**

**11K91A0352**

Under our guidance and has been approved for the partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering.

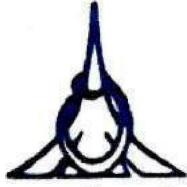
  
**INTERNAL GUIDE**

  
**Professor & Head**  
**Department of Mechanical Engineering**  
**(Mechanical Engineering)**  
TKR College of Engineering & Technology  
Medbowli, Meerpet, Hyderabad-500 097

**EXTERNAL EXAMINER**

  
**PRINCIPAL**





आर सी आई

**G SRINIVASA RAO**

Scientist 'F'



Tele Fax: 040 - 24306423

**Government of India,  
Ministry of Defence,  
Defence R&D Organisation,  
TTG, Building 0203,  
Research Center Imarat,  
Vignyanakancha,  
HYDERABAD – 500 069  
INDIA**

RCI/TTG/7757/19/15

DATE: 27/05/2014

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that the following students of TKR college of Engineering & Technology have completed the Mini – Project on **Conceptualization and Finalization of Battery Mounting Assembly in Aerospace Vehicle** successfully during the period from April 25<sup>th</sup> 2014 to 16<sup>th</sup> May 2014 under the guidance of Shri. G. Srinivasa Rao, Sc 'F'.

During the stay at RCI, Their character & behaviour are found to be very good.

- |                          |            |
|--------------------------|------------|
| 1. Annamraju Sundar      | 11K91A0306 |
| 2. Karthik Ravipati      | 11K91A0350 |
| 3. K. Ajay Kumar Tejaswi | 11K91A0352 |

**(G SRINIVASA RAO)**

(G. SRINIVASA RAO) Sc'F'

HEAD, TTG

Building No. 0203, RCI

Hyderabad-500 069.



संदर्भ :

Ref. : CITD/CAD/CAM/PW/13-14

दिनांक :

Date : 8/1/14

## CERTIFICATE

This is to certify that this Mini Project work entitled **MODELLING AND ASSEMBLY OF STUFFING BOX BY USING CATIA** is the bonafide work done during 04/12/2013 to 03/01/2014.

**K AJAY KUMAR TEJASWI**

**11K91A0352**

Student of Bachelor of Technology in Mechanical Engineering at **T.K.R COLLEGE OF ENGINEERING AND TECHNOLOGY, SAROORNAGAR, HYDERABAD**; under our guidance and supervision.



**V.KRISHNASWAMI**

**DIRECTOR (TRG.)**



S.No.4079/13-14

CFTRG07



## MSME-TOOL ROOM, HYDERABAD

CENTRAL INSTITUTE OF TOOL DESIGN

(A GOVT. OF INDIA SOCIETY, MINISTRY OF MSME)

BALANAGAR, HYDERABAD - 500 037 (A.P.) INDIA

(An ISO 9001: 2008, ISO 29990:2010, ISO 14001:2004 & ISO 50001:2011 Certified Institute)



### CERTIFICATE

This is to certify that Mr. /Ms. *K Ajay Kumar Tejaswi* S/o/D/o Mr. *K Lakshmi Narasimharao*  
is awarded this certificate in recognition of his/her participation in the course on

### CATIA & ANSYS

From 04.12.2013 to 03.01.2014

*Vacational Course*



Student's Signature

Date: 03.01.14

**V. KRISHNASWAMI**  
Course Coordinator



Given under the seal of the Institute

**SHUJAYAT KHAN**  
Principal Director





## TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Established by TKR Educational Society, Accredited by NBA,  
Affiliated to JNTUH & Approved by AICTE)

Medbowli, Meerpet, Saroornagar, Hyderabad - 500 097



### Certificate of Merit

This is to certify that Mr. / Ms. K. AJAY KUMAR  
of TKRCEET has secured 2<sup>nd</sup> place  
in PAPER PRESENTATION on the topic FOZILL FUELS at the  
The Annual National Level Technical Symposium, Prathibha - 2012 held on 14th  
March, 2012

**Dr. K. Chennakeshava Reddy**  
Principal & Chairman  
Prathibha - 2012

**Mr. K.M.V. Madan Kuamr**  
HOD, IT Dept.  
Convener, Prathibha-2012

**PRATHIBHA - 2012**  
A National Level Technical Symposium




संदर्भ :  
Ref. :

दिनांक :  
Date : 4/1/14

CITD/CAD/CAM/PW/13-14

## CERTIFICATE

This is to certify that Mr/Ms. **K AJAY KUMAR TEJASWI** pursuing Bachelor of Technology in Mechanical Engineering at **T K R COLLEGE OF ENGINEERING & TECHNOLOGY, MEDBOWLI, HYDERABAD;** has successfully completed the "INPLANT TRAINING" at our Institute from 04.12.2013 to 03.01.2014 under our guidance and supervision.

  
**V. KRISHNASWAMI**  
**DIRECTOR (Trg.)**



NSIC/TSC/HYD/Trg.

Date : 30-09-2014

## **CERTIFICATE**

This is to certify that Mr. / Ms. K.AJAY KUMAR

of T.K.R COLLEGE OF ENGINEERING & TECHNOLOGY

pursuing his / her B.Tech has attended a one day work shop on

"ENTREPRENEURSHIP DEVELOPMENT" on 17-09-2014

We wish him / her all the success in his / her future endeavor.



  
(U. Venkatachalapathi)  
DGM & Centre Head