



INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

OFFICIAL TRANSCRIPT (Statement of Earned Credits & Grades)

ENROLLMENT NO. OF THE STUDENT: 14116008

NAME: AKELLA RAVI TEJ

PROGRAMME: BACHELOR OF TECHNOLOGY (ELECTRONICS & COMMUNICATION)

| SESSION 2014- | | | |
|---------------------|--|--|---------------|
| SUBJECT COD | SUBJECT TITLE | GRADE | CREDIT |
| CEN-105 | INTRODUCTION TO ENVIRONMENTAL STUDIES | Α | 3.00 |
| CSN-103 | FUNDAMENTALS OF OBJECT ORIENTED PROGRAMMING | B+ | 4.00 |
| ECN-101 | INTRODUCTION ELECTRONICS AND COMMUNICATION ENGINEERING | В | 2.00 |
| HSN-001B | COMMUNICATION SKILLS (ADVANCE) | В | 2.00 |
| HSN-002 | ETHICS AND SELF AWARENESS | B+ | 2.00 |
| MAN-001 | MATHEMATICS-I | Α | 4.00 |
| PHN-005 | ELECTRODYNAMICS AND OPTICS | A+ | 4.00 |
| EARNED CRED | TS 21 TOTAL EARNED CREDITS 21 SGPA 8.524 | A CONTRACTOR OF THE PARTY OF TH | |
| REG. CREDITS | 21 CGPA 8.524 | | |

| SESSION 2014 | | | - |
|--------------|---|--------------|---------------|
| SUBJECT COL | DESUBJECT TITLE | GRADE | CREDIT |
| CSN-102 | DATA STRUCTURES | Α | 4.00 |
| ECN-104 | DIGITAL LOGIC DESIGN | B+ | 4.00 |
| ECN-142 | SEMICONDUCTOR DEVICES | A | 4.00 |
| EEN-112 | ELECTRICAL SCIENCE | Α | 4.00 |
| MAN-002 | MATHEMATICAL METHODS | Α | 4.00 |
| PHN-006 | QUANTUM MECHANICS AND STATISTICAL MECHANICS | B+ | 4.00 |
| PR-504 | N.S.O. | В | 2.00 |
| EARNED CREE | DITS 26 TOTAL EARNED CREDITS 47 SGPA 8.538 | | |
| REG. CREDITS | CGPA 8.532 | | |
| REG. CREDITS | CGPA 8.532 | | |

| SESSION 2015- | 16 SEMESTER Autumn | | |
|---------------|---|-------|--------|
| SUBJECT CODI | SUBJECT TITLE | GRADE | CREDIT |
| CSN-221 | COMPUTER ARCHITECTURE AND MICROPROCESSORS | B+ | 4.00 |
| ECN-203 | SIGNALS AND SYSTEMS | B+ | 4.00 |
| ECN-205 | ANALOG CIRCUITS | B+ | 4.00 |
| ECN-291 | ELECTRONIC NETWORK THEORY | B+ | 4.00 |
| HSS-01 | ECONOMICS | B+ | 3.00 |
| MIN-108 | MECHANICAL ENGINEERING DRAWING | Α | 4.00 |
| EARNED CRED | TS 23 TOTAL EARNED CREDITS 70 SGPA 8.174 | | |
| REG. CREDITS | 23 CGPA 8.414 | | |
| | - | | |

| SESSION 201 | | | |
|-------------------|---|-------|--------|
| SUBJECT CO | DESUBJECT TITLE | GRADE | CREDIT |
| ECN-212 | PRINCIPLES OF DIGITAL COMMUNICATION | В | 4.00 |
| ECN-222 | AUTOMATIC CONTROL SYSTEMS | В | 4.00 |
| ECN-232 | ENGINEERING ELECTROMAGNETICS | Α | 4.00 |
| ECN-252 | DIGITAL ELECTRONIC CIRCUITS LABORATORY | В | 2.00 |
| MAN-006 | PROBABILITY AND STATISTICS | Α | 4.00 |
| MTN-105 | ELECTRICAL AND ELECTRONIC MATERIALS | B+ | 4.00 |
| EARNED CRE | DITS 22 TOTAL EARNED CREDITS 192 SGPA 7.9 | 909 | |
| REG. CREDITS | CGPA 8.2 | 293 | |

| SESSION 201 | 6-17 SEMESTER Autumn 2 India | |
|-------------|--------------------------------------|--------------|
| SUBJECT CO | DESUBJECT TITLE | GRADE CREDIT |
| ECN-311 | COMMUNICATION SYSTEMS AND TECHNIQUES | A 4.00 |



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ECN-331 ANTENNA THEORY A 3.0

| - | EARNED CREE | DITS 23 TOTAL EARNED CREDITS 115 SGPA 7.82 | 6 | | |
|---|-------------|--|----|------|--|
| | IBM-304 | STRATEGIC HUMAN RESOURCE MANAGEMENT | B+ | 3.00 | |
| - | ECN-391 | TECHNICAL COMMUNICATION | C | 2.00 | |
| - | ECN-351 | IC APPLICATION LABORATORY | В | 2.00 | |
| - | ECN-344 | EMBEDDED ENGINEERING DESIGN | B+ | 4.00 | |
| | ECN-341 | MICROELECTRONIC DEVICES, TECHNOLOGY AND CIRCUITS | B+ | 2.00 | |
| - | ECN-333 | MICROWAVE ENGINEERING | В | 3.00 | |
| | ECN-331 | ANTENNA THEORY | Α | 3.00 | |

EARNED CREDITS23TOTAL EARNED CREDITS115SGPA 7.826REG. CREDITS23CGPA 8.200

| SESSION 201 | 6-17 SEMESTER Spring | <u></u> |
|-------------|--|---------------|
| SUBJECT CO | DESUBJECT TITLE | GRADE CREDIT |
| CSN-106 | DISCRETE STRUCTURES | B+ 4.00 |
| ECN-300 | LAB BASED PROJECT | A 3.00 |
| ECN-312 | DIGITAL SIGNAL PROCESSING | A 3.00 |
| ECN-316 | DIGITAL IMAGE PROCESSING | B 4.00 |
| ECN-342 | RF AND MIXED SIGNALS CIRCUITS | B 3.00 |
| ECN-352 | COMMUNICATION SYSTEMS LABORATORY | B 2.00 |
| ECN-354 | MICROWAVE LABORATORY | A+ 2.00 |
| ECN-399 | EDUCATIONAL TOUR | AP 0.00 |
| IEQ-301 | INTRODUCTION TO EARTHQUAKE ENGINEERING | B+ 3.00 |
| EARNED CRE | | CANY DISTRICT |
| REG. CREDIT | S 24 CGPA | 8.173 |

| SESSION 2017 | | | |
|--------------|---|-------|--------|
| SUBJECT CO | DESUBJECT TITLE | GRADE | CREDIT |
| CSN-351 | DATA BASE MANAGEMENT SYSTEMS | С | 4.00 |
| CSN-471 | COMPUTER VISION | C+ | 4.00 |
| CSN-513 | INFORMATION AND NETWORK SECURITY | Α | 4.00 |
| ECN-400A | B.TECH. PROJECT | Α | 4.00 |
| ECN-499 | TRAINING SEMINAR | B+ | 2.00 |
| ECN-539 | FIBER OPTIC SYSTEMS | Α | 3.00 |
| EARNED CRE | DITS 21 TOTAL EARNED CREDITS 160 SGPA 7.5 | 71 | |
| REG. CREDITS | CGPA 8.0 | 94 | |

| SESSION 201 | 7-18 SEMESTER Spring DESUBJECT TITLE | GRADE | CREDIT |
|-------------|--------------------------------------|-------|--------|
| CSN-212 | DESIGN AND ANALYSIS OF ALGORITHMS | Α | 4.00 |
| CSN-232 | OPERATING SYSTEMS | B+ | 4.00 |
| CSN-382 | MACHINE LEARNING | AP | 0.00 |
| ECN-400B | B.TECH. PROJECT | Α | 8.00 |
| ECN-515 | CODING THEORY AND APPLICATIONS | B+ | 3.00 |
| ECN-612 | WIRELESS NETWORKS * Rooms | C | 3.00 |
| PR-208 | WEB DESIGNING AND DEVELOPMENT | Α | 2.00 |
| DISP | DISCIPLINE | A+ | 2.00 |
| EARNED CRE | | | |
| | First Divisi | | |



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ENROLLMENT NO. OF THE STUDENT: 14116008

NAME: AKELLA RAVI TEJ

PROGRAMME: BACHELOR OF TECHNOLOGY (ELECTRONICS & COMMUNICATION)

STUDENT HAS COMPLETED THE PROGRAMME

Evaluation and Grading: The student is graded for his/her academic performance on a ten point scale in the following manner:

Old Grading System (Applicable upto the batch 2014-15 session)

Outstanding - A+(10), Excellent - A(9), Very Good - B+(8), Good - B(7), Average - C+(6), Below Average - C(5), Marginal - D(4), Poor - E(2), Very Poor - F(0), Failed due to Short Attendance -FS(0), Audit Pass - AP, Audit Fail - AF, Incomplete Course - I, Incomplete Project/Dissertation X, Satisfactory completion of Dissertation - S,Unsatisfactory Dissertation - U, Withdrawl - W, Non-completion of course requirement and/or training - Z

New Grading System (Applicable from the batch 2015-16 session onwards)

Exceptional Good/Outstanding - O(10), Excellent - A(10), Very Good - B+(9), Good - B(8), Fair - C+(7), Average - C(6), Below Average - D+(5), Marginal - D(4), Fail due to poor performance - F(0), Failed due to Short Attendance -FS(0), Pass in Audit Course - AP, Fail in Audit Course - AF, Incomplete Course - I, Incomplete Project/Dissertation X, Satisfactory completion of Dissertation - S,Unsatisfactory Dissertation - U, Withdrawl - W, Non-completion of course requirement and/or training - Z

Note:-

The medium of Instruction at this Institute is English.

Place: Roorkee

Dated: 6/15/2018

A SILVE OF THE PROPERTY OF THE

Assistant Registrar (Evaluation)



भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुशंसा पर

इलेक्ट्रॉनिकी एवं संचार अभियांत्रिकी में प्रौद्योगिकी स्नातक की उपाधि

अकेल्ला रिव तेज

को, जिन्होंने प्रथम श्रेणी में इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को सन् 2018 में सफलतापूर्वक पूरा कर लिया भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक अक्टूबर 6, 2018, संस्थान की मुद्रा अंकित यह उपाधि दी गई। एतद्द्वारा प्रदान करता है। 10 अंकीय मापक्रम में इनका संचित कोटि अंक माध्य 8.129 है। उन्होंने कम्प्यूटर विज्ञान एवं अभियांत्रिकी में लघु विषय विशेषज्ञता की अपेक्षाओं को भी पूर्ण किया

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

on the recommendation of the Senate hereby confers the degree of

Bachelor of Technology in Electronics & Communication Engineering

nodn

AKELLA RAVI TEJ

who has successfully completed in the year 2018 the requirements prescribed under the regulations for the award of this degree in First Division with a Cumulative Grade Point Average of 8.129 on a 10 point scale.

He has also completed the requirements for Minor Specialization in Computer Science & Engineering. Given this day, October 6, 2018, under the seal of the Institute at Roorkee in the Republic of India.



Chalushed

अध्यक्ष, अभिषद् एवं निदेशक Chairman, Senate & Director