

REF No:UPES/SRE/PD/2018/SoE/584

**Provisional Certificate**

This is to certify that Mr./Ms. **Abhinav Shukla** Enrollment Number/SAP Id **R112214002/500039849** of batch **2014-2018** has completed all the requirements for the award of the Degree of **B.Tech (Instrumentation & Control Engineering)** as on date. The following details in respect of the student are also verified:-

<b>Medium of Instruction</b>	<i>English</i>
<b>CGPA</b>	<i>3.58 out of 4</i>
<b>Notional percentage</b>	<i>91.6%</i>

The notional percentage conversion formula is given below :

$$(X/20)-1 = \text{CGPA}$$

(Where X denotes percentage)

The Original Degree will be issued to him/her in the Convocation to be held in the year **2018**.


Date: 21 May 2018

Place: Dehradun


Aadhaar No.- 731891118798


  
Controller of Examination

Note: Valid till the original is issued.

 **CORPORATE OFFICE:** 210, 2<sup>nd</sup> Floor, Okhla Industrial Estate, Phase III, New Delhi - 110 020, INDIA, T +91 - 11 - 41730151-53, F +91 - 11 - 41730154

**CAMPUSES:**

 **ENERGY ACRES:** Bidholi Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 135 - 2770137, 2776053/54/91, 2776201  
F +91 - 135 - 2776090/95

 **KNOWLEDGE ACRES:** Kandoli Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 8171979021/2/3, 7060111775

■ **Engineering** ■ **Computer Science** ■ **Design** ■ **Business** ■ **Law**



# UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Dehradun, Uttarakhand



## GRADE CARD

Date : 14-05-2018

Enrollment No:	0500039849	Name :	ABHINAV SHUKLA
Program:	B.TECH (INSTRUMENTATION & CONTROL ENGG.)	Academic Session :	2014-2016

Semester 1

Course Code	Course Name	Credits	Grade	Result
COMM111	Communication Workshop 1.1	2	C-	
COMM113	Language Lab	1	C+	
GNEG101	Workshop Technology	2	A	
GNEG102	Engineering Workshop	1	A	
GNEG111	Engineering Graphics	2	A-	
GNEG112	Engineering Graphics Lab I	1	A	
INFO102	Computer Lab	1	B+	
INFO103	Computer Science	2	B-	
MATH101	Mathematics I	4	B+	
PHYS101	Physics I	4	B	
PHYS103	Physics Lab I	1	B	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 21

SGPA : 2.89\*/4

\*SGPA capped at a maximum of 2.89\* in terms of Rules & Regulations

Semester 2

Course Code	Course Name	Credits	Grade	Result
CHEM103	Chemistry	4	B	
CHEM106	Chemistry Lab	1	A	
COMM112	Communication Workshop 1.2	2	B	
COMM114	Language through Literature	1	B+	
ENVO101	Environmental Studies	2	B+	
GNEG141	Electrical Engineering	4	A	
GNEG142	Electrical Engineering Lab	1	A-	
MATH102	Mathematics II	4	A-	
PHYS102	Physics II	4	A	
PHYS104	Physics Lab II	1	A	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 24

SGPA : 3.60/4

CGPA : 3.58

Candidate in consultation with the Dean/Program Co-Ordinator CES-DDN needs to reappear in one or more low scoring courses to meet SGPA criterion. This grade card supercedes all grade cards issued previously.

RPM/RPF/Repeat : Repeat Term-end Examination

SGPA : Semester Grade Point average.

CGPA : Cumulative Grade Point Average.

NC : Not Calculated

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_



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# UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Dehradun, Uttarakhand



Date : 14-05-2018

## GRADE CARD

<b>Enrollment No:</b>	0500039849	<b>Name :</b>	ABHINAV SHUKLA
<b>Program:</b>	B.TECH (INSTRUMENTATION & CONTROL ENGG.)	<b>Academic Session :</b>	2014-2018

Semester 3

Course Code	Course Name	Credits	Grade	Result
COMM211	Communication Workshop 2.0	3	B+	
ELEG201	Signals & Systems	4	A	
ELEG206	Electronics Workshop	1	A-	
ELEG214	Electronic Devices and Circuit	4	A	
ELEG215	Electronic devices and circuits Lab	1	A-	
ELEG233	Electromagnetic Field Th. & Compatibility	4	A-	
INFO201	Programming Language & DBMS	2	A-	
INFO202	Programming Language & DBMS Lab	1	A	
PSEG202	Electrical Machines	3	A	
PSEG203	Electric Machines Lab	1	A-	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 24  
SGPA : 3.79/4

Semester 4

Course Code	Course Name	Credits	Grade	Result
ELEG202	Digital Electronic Lab	1	A	
ELEG213	Digital Electronics	4	B+	
GNEG235	Fundamentals of Thermodynamics	2	A-	
GNEG236	Thermodynamics & Fluid Mechanics Lab	1	A-	
GNEG248	Fundamentals of Fluid Mechanics	2	A	
ICEG211	Measurement & Measuring Instruments	4	A-	
ICEG212	Measurement & Measuring Instruments Lab	1	A	
ICEG221	Control Theory	3	A-	
ICEG222	Control Theory & Simulation Lab	1	A	
MATH301	Applied Numerical Methods	4	A	
PSEG211	Introduction to Power Industry	3	A-	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 26  
SGPA : 3.73/4  
CGPA : 3.58

Candidate in consultation with the Dean/Program Co-Ordinator CES-DDN needs to reappear in one or more low scoring courses to meet SGPA criterion. This grade card supercedes all grade cards issued previously.  
RPM/RPF/Repeat : Repeat Term-end Examination  
SGPA : Semester Grade Point average.  
CGPA : Cumulative Grade Point Average.  
NC : Not Calculated

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_

*(Handwritten signatures)*



Authorised Signatory  
 Student Record & Evaluation Department



# UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Dehradun, Uttarakhand



Date : 14-05-2018

## GRADE CARD

<b>Enrollment No:</b>	0500039849	<b>Name :</b>	ABHINAV SHUKLA
<b>Program:</b>	B.TECH (INSTRUMENTATION & CONTROL ENGG.)	<b>Academic Session :</b>	2014-2018

Course Code	Course Name	Credits	Grade	Result
CHEG311	Introduction to Process Industry	3	A-	
COMM311	Communication Workshop 3.0	1	B	
ELEG323	Microprocessor & Microcontroller	3	B+	
ELEG324	Microprocessor & Microcontroller Lab	1	A-	
ELEG338	Analog & Digital Communications	3	B+	
ELEG339	Analog & Digital Communications Lab	1	A	
ICEG311	Operational Amplifiers and Applications	3	A-	
ICEG312	Operational Amplifiers & Application Lab	1	B+	
ICEG321	Control System Design	3	A	
ICEG331	Transducers and Applications	3	A-	
ICEG332	Transducers and Applications Lab	1	B+	
PROJ301	Minor Project I	2	A-	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 25  
SGPA : 3.59/4

Semester 6

Course Code	Course Name	Credits	Grade	Result
CSEG391	Computer Networks	3	B+	
ICEG322	Control System Components	3	A-	
ICEG341	Process Control	4	A	
ICEG351	Signal Conditioning & Telemetry	3	A-	
ICEG361	Instrumentation Lab	1	A	
INDT301	Industrial Visit	1	B-	
PROJ302	Minor Project II	4	A-	
PSEG314	Power System Protection and Control	3	B+	
PSEG315	Power Electronics and Protection Lab	1	A	
PSEG327	Power Electronics	3	B+	
VIVA301	Comprehensive Viva I	2	A	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 28  
SGPA : 3.62/4  
CGPA : 3.58

Candidate in consultation with the Dean/Program Co-Ordinator CES-DDN needs to reappear in one or more low scoring courses to meet SGPA criterion. This grade card supercedes all grade cards issued previously.  
REM/RPF/Repeat : Repeat Term-end Examination  
SGPA : Semester Grade Point average.  
CGPA : Cumulative Grade Point Average.  
NC : Not Calculated

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_



Authorised Signatory  
Student Record & Evaluation Department



# UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Dehradun, Uttarakhand



Date : 14-05-2018

## GRADE CARD

<b>Enrollment No:</b>	0500039849	<b>Name :</b>	ARHINAV SHUKLA
<b>Program:</b>	B.TECH (INSTRUMENTATION & CONTROL ENGG)	<b>Academic Session :</b>	2014-2018

Semester 7

Course Code	Course Name	Credits	Grade	Result
ICEG411	Computer Control	3	A-	
ICEG421	SCADA & Automation	3	B+	
ICEG422	PLC & Automation Lab	1	A-	
INDT401	Industrial Training	2	A-	
INFO401	Programming in C & C++	3	A-	
PROJ401	Major Project I	4	B+	
PSEGA24	Industrial Drives	3	A-	
SEMT403	Seminar	1	A	
VIVA401	Comprehensive Viva II	2	A-	

Semester Result : SGPA Qualifying Criteria Met

Total Credits : 22  
SGPA : 3.58/4

Semester 8

Course Code	Course Name	Credits	Grade	Result
ELEG427	Wireless Sensor Network	3	A-	
ELEG464	Embedded System	3	A	
ICEG441	Fuzzy Logic & Neural Network	3	B+	
IMGT301	Industrial Management	3	B+	
PROJ402	Major Project II	8	A	

Semester Result : SGPA Qualifying Criteria Met  
Final Result: PASS

Total Credits : 20  
SGPA : 3.75/4  
CGPA : 3.58

Candidate in consultation with the Dean/Program Co-Ordinator CES-DDN needs to reappear in one or more low scoring courses to meet SGPA criterion. This grade card supercedes all grade cards issued previously.  
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SGPA : Semester Grade Point average.  
CGPA : Cumulative Grade Point Average.  
NC : Not Calculated

Prepared By: \_\_\_\_\_

Checked By: \_\_\_\_\_



Authorised Signatory  
Student Record & Evaluation Department

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# UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Date: 21<sup>st</sup> May, 2018

UPES/DSA/2018/1977

## To whomsoever it may concern

This is to certify that Abhinav Shukla was a student of B.Tech (Instrumentation & Control Engineering) Batch 2014-2018, Enrollment no R112214002, Sap Id 500039849, at University of Petroleum and Energy Studies, Dehradun.

To the best of our knowledge and as per his/her records in the University, he/she bears a good moral character and has no adverse entry reported.

This certificate is issued for higher studies/ getting employment purpose only.

Best Regards

A handwritten signature in black ink, appearing to read 'Manish Madaan'.



Mr. Manish Madaan

Asst. Director  
Department of Student Development & Support  
University of Petroleum and Energy Studies