

July 18, 2019

To Whom It May Concern

This is to certify that Mr. Robin Singh Rana, with employee ID- 147502, has successfully completed the Internship duration with Sapient Consulting Private Limited as per the particulars given below.

Period : May 20, 2019 to July 18, 2019
Title : Junior Associate

Yours sincerely,

**KAMAL
KARWAL**

Digitally signed by KAMAL KARWAL
DN: cn=KAMAL KARWAL, o=Sapient Consulting Private
Limited, email=kamalkarwal@sapient.com, c=IN
c=KAMAL KARWAL, o=Sapient Consulting Private
Limited, email=kamalkarwal@sapient.com, c=IN
Date: 2019.07.17 16:00:30 +05'30'
Reason: I have signed this document

Kamal Karwal
Vice President, Global People Shared Services

Sapient Consulting Private Limited
Candor Techspace Ltd.,
Building No. 1, Tower B, Ground - 5th Floor,
Building No. 2, Tower A, Ground & First Floor,
Building No. 5, Ground & First Floor,
SEZ Sector 21, Village Dundahera,
Gurgaon - 122016 Haryana, India
TEL +91 (124) 672 4000
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Sapient Consulting Private Limited
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Building No. 8, Tower B,
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Registered Office: Sapient Consulting Private Limited
17th Floor, Umi Estate, Tower A, 95 Ganpat Rao Kadam Marg, Lower Panel (W), Mumbai - 400013 Maharashtra, India
Tel: +91 (22) 4476 4567 Fax: +91 (22) 4476 4568 CIN: U72900MH2009PTC300013
www.publicissapient.com

Sr. No. **16734**



Certificate No. : C-DAC (M)/ 18-19 /ST- JT/ 15450

An ISO 9001:2015 Certified Institute

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

A Scientific Society of the Ministry of Electronics & Information Technology, Govt. of India

CERTIFICATE

This certificate is awarded to Shri / Smt / Kumari **ROBIN SINGH RANA**
Son / Daughter of Smt. **NEELAM RANA** and Sh. **KESAR SINGH RANA**
for having successfully completed **SIX** week(s) Summer / Industrial Training on
..... **JAVA TECHNOLOGIES**
conducted from **MAY 21, 2018** to **JUNE 29, 2018** at C-DAC, Mohali.



Place : Mohali (Punjab)

Dated : 29.06.18

W. S. S.
DIRECTOR



Corporate Address

S.C.O. 2451, SECTOR 22-C, CHANDIGARH,
PHONE: 0172-4017707, 5007164

CERTIFICATE

Ref. No. CS/C/17/July/52

This certificate do hereby recognizes that ROBIN SINGH RANA

D/S/O Sh. KESAR SINGH RANA has done C & C++

Course from our Company from JUNE, 2017 to JULY, 2017

During his/her training he / she has developed a project titled CONTACT LIST

His / Her performance during training was EXCELLENT

Date: 15 | JULY | 2017


Director



Training Coordinator

Sr. No. 14126

Reg. No. 151791415074

Roll No. 1641791137



Himachal Pradesh Board of School Education



MERIT CERTIFICATE

Senior Secondary (Plus Two) Examination, 2016

This Certificate of merit is awarded to

Name : ROBIN SINGH RANA

Sex: Male

Father's Name Shri : KESAR SINGH RANA

Mother's Name Smt. : NEELAM KUMARI RANA

from CRESCENT PUBLIC SR SEC SCHOOL, BANURI, District Kangra for his/her 8th(1) Position in the senior Secondary (Plus Two) Examination held in March 2016 by the Himachal Pradesh Board of School Education, Dharamshala.

Balbir Singh
CHAIRMAN

DHARAMSHALA
Dated: 25-04-2016



Certificate Code : C013
Copies - 11375/Lot-02/2016

[Signature]
SECRETARY



Himachal Pradesh Board of School Education



SENIOR SECONDARY (PLUS TWO) EXAMINATION CERTIFICATE CUM DETAIL OF MARKS

Session : MARCH 2016

Group : Science

Sex : MALE

This is to certify that ROBIN SINGH RANA
Father's Name Shri KESAR SINGH RANA
Mother's Name Smt. NEELAM KUMARI RANA

has passed the Senior Secondary (Plus Two) Examination of this Board from CRESCENT PUBLIC SR SEC SCHOOL, BANURI (School Code. 1791) DISTRICT KANGRA and placed in FIRST Division.

DETAIL OF MARKS

Sr. No.	Subject/s	Marks Obtained	Maximum Marks
1.	English	89*	100
2.	Physics W/P - 70/25	95*	100
3.	Chemistry W/P - 73/25	98*	100
4.	Biology W/P - 73/25	98*	100
5.	Mathematics	100*	100
6.	Grace Marks for Division Improvement, if any	-	
	Total	480	500

1. * Denotes Distinction i.e. 75% Marks or above.

Dharamshala
Dated: 25.04.2016



Certificate Code : C002
Copies - 79415 / 2016

SECRETARY



SJVN

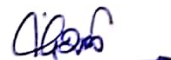
SILVER JUBILEE MERIT SCHOLARSHIP 2016-17

Certified that Mr. Robin Singh Rana S/o Mr. Kesar Singh Rana is hereby awarded SJVN Silver Jubilee Merit Scholarship for his meritorious performance in Senior Secondary Examination (XII) held in 2016.

He is eligible to receive Scholarship of Rs. 2000/- (Rs. Two Thousand only) per month for the entire course of M.Tech. from National Institute of Technology, Hamirpur from the academic session 2016-17 till completion of the course.


(R.N. Misra)

Chairman and Managing Director, SJVN


(N.L. Sharma)

Director (P)-cum-Chairman, SJVN Foundation



Serial No. : 121306

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT


Examination held in

December 2019

Student's Name : ROBIN SINGH RANA	Roll No. : 16MI501
Father's Name: KESAR SINGH RANA	Semester : SEVENTH

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY (PG LEVEL)
Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CS-600	TOPICS IN COMPUTER NETWORKS	3	AB
CS-713	GAME THEORY	3	B
CS-716	SOFT COMPUTING	3	AB



Remarks :					
Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
9	78	8.67	9	78	8.67

Dated : 29 JAN 2020


Dean (Academics)



Serial No. : 121254

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in

December 2019

Student's Name : ROBIN SINGH RANA	Roll No. : 16MI501
Father's Name: KESAR SINGH RANA	Semester : SEVENTH

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY (UG LEVEL)

Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CSD-410	INFORMATION SECURITY	3	A
CSD-411	ADVANCED COMPUTER ARCHITECTURE	3	BC
CSD-412	ADVANCED OPERATING SYSTEM	3	AB
CSD-415	INFORMATION SECURITY LAB	1	B
CSD-416	ADVANCED OPERATING SYSTEM LAB	1	AB
CSD-417	INDUSTRIAL TRAINING VIVA	2	A
CSD-418	TERM PAPER-V	1	A
CSD-419	MAJOR PROJECT-I	4	A

Remarks :

Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
18	165	9.17	148	1243	8.4

Dated : 29 JAN 2020

Dean (Academics)



Serial No. : 118737

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in

May 2019

Student's Name : ROBIN SINGH RANA	Roll No. : 16MI501
Father's Name: KESAR SINGH RANA	Semester : SIXTH

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY

Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CEO-325(A)	CPM & PERT	3	B
CSD-320	COMPUTER NETWORKS	3	B
CSD-321	SOFTWARE ENGINEERING	3	AB
CSD-322	ADVANCED DATABASE MANAGEMENT SYSTEM	3	AB
CSD-323	DIGITAL IMAGE PROCESSING	3	B
CSD-325	COMPUTATIONAL TOOLS AND TECHNIQUES	2	AB
CSD-326	COMPUTER NETWORKS LAB	2	AB
CSD-327	SOFTWARE ENGINEERING LAB	2	AB
CSD-328	DIGITAL IMAGE PROCESSING LAB	2	AB
CSD-329	SEMINAR	2	AB

Remarks :

Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
25	216	8.64	130	1078	8.29

Dated : 18 JUL 2019

Dean (Academics)



Serial No. : 115501

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in

December 2018

Student's Name : ROBIN SINGH RANA	Roll No. : 16MI501
Father's Name: KESAR SINGH RANA	Semester : FIFTH

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY
Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CSD-311	MODELLING AND SIMULATION	3	AB
CSD-312	ANALYSIS & DESIGN OF ALGORITHMS	3	B
CSD-313	DATA BASE MANAGEMENT SYSTEMS	3	B
CSD-314	COMPILER DESIGN	3	AB
CSD-315	COMMUNICATION ENGINEERING	3	B
CSD-317	MODELLING AND SIMULATION LAB	2	B
CSD-318	DATA BASE MANAGEMENT SYSTEMS LAB	2	AB
CSD-319	COMPILER DESIGN LAB	2	A
NEO-316	QUALITY ENGINEERING	3	AB

Remarks :					
Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
24	207	8.62	105	862	8.21

Dated : 07 FEB 2019

Dean (Academics)



Serial No. : 111829

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in May 2018

Student's Name : ROBIN SINGH RANA	Roll No. : 16MI501
Father's Name: KESAR SINGH RANA	Semester : FOURTH

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY
Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CSD-221	COMPUTER ORGANIZATION	3	B
CSD-222	OPERATING SYSTEM	3	B
CSD-223	DATA STRUCTURE	3	B
CSD-224	SYSTEM SOFTWARE	3	BC
CSD-225	THEORY OF COMPUTATION	3	AB
CSD-227	COMPUTER ORGANIZATION LAB	1	AB
CSD-228	OPERATING SYSTEM LAB	1	AB
CSD-229	DATA STRUCTURE LAB	2	A
CSE-226	BASIC ENVIRONMENTAL SCIENCE AND ENGINEERING	3	A

Remarks :					
Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
22	188	8.55	81	655	8.09

Dated : 16 AUG 2018

Dean (Academics)



Serial No. : 108935

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in

December 2017

Student's Name : ROBIN SINGH RANA	Roll No. : 16M1501
Father's Name: KESAR SINGH RANA	Semester : THIRD

Programme : DUAL DEGREE, BACHELOR AND MASTER OF TECHNOLOGY

Department : COMPUTER SCIENCE & ENGINEERING

Course No.	Course Name	Credits	Grade
CSD-211	DISCRETE STRUCTURE	3	A
CSD-212	OBJECT ORIENTED PARADIGM	3	AB
CSD-213	COMPUTER GRAPHICS	3	AB
CSD-214	MICROPROCESSOR AND INTERFACING	3	B
CSD-215	DIGITAL ELECTRONICS AND LOGIC DESIGN	3	BC
CSD-216	OBJECT ORIENTED PARADIGM LAB	1	B
CSD-217	COMPUTER GRAPHICS LAB	1	AB
CSD-218	MICROPROCESSOR AND INTERFACING LAB	1	AB
CSD-219	DIGITAL ELECTRONICS & LOGIC DESIGN LAB	1	AB
CSS-210	PROBABILITY & QUEUING MODELS	3	D

Remarks :

Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
22	176	8	59	467	7.92

Dated : 19 JAN 2018

Dean (Academics)



Serial No. : 105800

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

Examination held in May-2017

Student's Name :	ROBIN SINGH RANA	Roll No. :	16MI501
Father's Name:	KESAR SINGH RANA	Semester :	Second

Programme :	Dual Degree Bachelor and Master of Technology
Department :	Computer Science & Engineering

Course No.	Course Name	Credits	Grade
CSD-124	BASIC ELECTRICAL ENGINEERING	03	AB
CSD-127	ENGINEERING GRAPHICS	03	AB
CSH-123	COMMUNICATION SKILLS	03	B
CSH-126	COMMUNICATION SKILLS LAB.	01	AB
CSS-121	ENGINEERING MATHEMATICS-II	03	D
CSS-122	CHEMISTRY FOR COMPUTER ENGINEERS	03	AB
CSS-125	CHEMISTRY LAB.	01	B

Remarks :					
Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
17	134	7.88	37	291	7.86

Dated : 07 AUG 2017

Prakhar
Dean (Academics)



Serial No. : **104190**
NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

SEMESTER GRADE REPORT

December-2016

Examination held in

Student's Name :	ROBIN SINGH RANA	Roll No. :	16MI501
Father's Name:	KESAR SINGH RANA	Semester :	First

Programme :	Dual Degree Bachelor and Master of Technology
Department :	Computer Science & Engineering

Course No.	Course Name	Credits	Grade
CSD-113	COMPUTER FUNDAMENTALS & PROGRAMMING	03	B
CSD-114	COMPUTER WORKSHOP	02	AB
CSD-115	BASIC ELECTRONICS ENGINEERING	03	B
CSD-118	COMPUTER FUNDAMENTALS & PROGRAMMING LAB.	01	AB
CSD-119	BASIC ELECTRONICS ENGINEERING LAB.	01	BC
CSH-116	ENGINEERING ECONOMICS AND MANAGEMENT	03	C
CSS-111	ENGINEERING MATHEMATICS-I	03	B
CSS-112	PHYSICS FOR COMPUTER ENGINEERING	03	B
CSS-117	PHYSICS LAB.	01	AB

Remarks :					
Current Semester Performance			Cumulative Performance		
Credits	Earned Grade Points	SGPI	Total Credits	Earned Grade Points	CGPI
20	157	7.85	20	157	7.85

Dated : **02 MAR 2017**

Dean (Academics)

Sr. No. 086992

Roll No. 140253461

HIMACHAL PRADESH BOARD OF SCHOOL EDUCATION DHARAMSHALA



MERIT CERTIFICATE

This Certificate of Merit is awarded to

Name

ROBIN SINGH RANA

Sex : MALE

Father's Name Shri.

KESAR SINGH RANA

Mother's Name Smt.

NEELAM KUMARI RANA

for his/her

35 THIRTY FIFTH

position in the

MATRICULATION / SENIOR SECONDARY (Plus Two) Examination

held during

MARCH, 2014

by the **HIMACHAL PRADESH**

BOARD OF SCHOOL EDUCATION DHARAMSHALA.

DHARAMSHALA

Dated : 12-11-2014


SECRETARY

Sr. No. **1903218**Roll No. **140253461**

HIMACHAL PRADESH BOARD OF SCHOOL EDUCATION

MATRICULATION EXAMINATION MARCH - 2014

Sex : Male/Female **XX**This is to certify that **ROBIN SINGH RANA**Father's Name Shri **KESAR SINGH RANA**Mother's Name Smt. **NEELAM KUMARI RANA**Born on **(26-03-1999) TWENTY SIXTH MARCH**One thousand nine hundred and **NINETY NINE**has passed the **MATRICULATION EXAMINATION** of this Boardfrom/as **130055 - BANURI - CRESCENT PUBLIC SR. SEC SCHOOL - Kangra**District **KANGRA**and placed in **FIRST** Division

DETAIL OF MARKS

Sr. No.	Subjects	Marks Obtained	Maximum Marks
1.	English	89*	100
2.	Mathematics	94*	100
3.	Hindi	92*	100
4.	Social Science (His.Civ. Geog)	88*	100
5.	Science & Technology (Phy. Chem. Life Sci.)	96*	100
6.	SANSKRIT	91*	100
7.	INFORMATION TECHNOLOGY (Elective)	97*	100
8.	Grace Marks for Division Improvement, if any		
	TOTAL Six Hundred And Forty Seven Only	647	700

* Denotes Distinction i.e. 75% marks or above.

'F' indicates Failure in the subject & marks not included in the Grand Total.

NON EXAMINATION SUBJECTS INTERNAL (FOR SCHOOL CANDIDATES ONLY)

i) Socially useful productive work and Community Service

ii) Physical and Health Education.

iii) Education for Human Values and Supervised Studies.

Note : For gradation of Non Examination Subjects, please see overleaf.

GRADE

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DHARAMSHALA

Dated : **19-05-2014**

SECRETARY