

Transcript For Dual Degree (B.Tech+MS)

Bachelor of Technology - Engineering Physics*

Master of Science - Astronomy and Astrophysics

*After first year in the B.Tech program, I changed my branch from

ECE-Avionics to Engineering Physics

First page describes the grading system.

कोटियों के लिए सूचकांक / Index for Grades

वर्ण कोटि / Letter Grade	कोटि अंक(जीपी) / Grade Point (GP)
S	10
A	9
B	8
C	7
D	6
E	5
F	0
I	अपूर्ण / Incomplete

कोटि अंक माध्य (जीपीए) की गणना
Calculation of Grade Point Average (GPA)

$$GPA = \frac{\sum(C_i \times Gp_i)}{\sum C_i}$$

जहाँ C_i - उस सत्रक में i वें पाठ्यक्रम के लिए जमा
 और Gp_i - उस पाठ्यक्रम के लिए प्राप्त कोटि अंक है।
 where C_i - is the credit for ith course in that semester
 and Gp_i - is the grade point obtained for that course.

टिप्पणी : जीपीए, सीजीपीए एवं अर्जित संचित जमा केवल अगस्त - नवंबर व फरवरी - मई सत्रों के लिए दिखाया गया है।

Note: The GPA, CGPA and Cumulative Credits earned are indicated only for Aug - Nov & Feb - May sessions.



Read by.....
 Checked by

220139



भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (पि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भारी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
तिरुवनंतपुरम्/Thiruvananthapuram
कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech	शैक्षिक वर्ष & सत्र Academic Year & Session	2017 – 2018 Aug - Nov
शाखा Branch	Electronics and Communication Engineering (Avionics)		

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
MA111	Calculus	4	A
PH111	Physics I	4	S
CH111	Chemistry	3	A
AE111	Introduction to Aerospace Engineering	3	A
AV111	Basic Electrical Engineering	3	A
HS111	Communication Skills	3	A
PH131	Physics Lab	1	A
AE131	Basic Engineering Lab	1	S
Grade Point Average			(GPA) 9.23

Cumulative Grade Point Average (CGPA): 9.23

Cumulative Credits Earned: 22/22

तारीख/Date: 04 OCT 2018

[Signature]
 उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भावी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
तिरुवनंतपुरम्/Thiruvananthapuram
कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech	शैक्षिक वर्ष & सत्र Academic Year & Session	2017 – 2018 Feb - May
शाखा Branch	Electronics and Communication Engineering (Avionics)		

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
MA121	Vector Calculus and Ordinary Differential Equations	3	B
MA122	Computer Programming and Applications	3	B
PH121	Physics II	4	A
CH121	Materials Science and Metallurgy	3	S
AV121	Basic Electronics Engineering	3	B
CH141	Chemistry Lab	1	A
AE141	Engineering Graphics	2	S
AV141	Basic Electrical and Electronics Engineering Lab	1	S
Grade Point Average (GPA)			8.85

Cumulative Grade Point Average (CGPA): 9.05

Cumulative Credits Earned: 42/42

तारीख/Date: 13 SEP 2018

उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

(वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भारी मानित विश्वविद्यालय घोषित)
(Declared as Deemed to be University under Section 3 of the UGC Act, 1956)

तिरुवनंतपुरम्/Thiruvananthapuram

कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech.	शाखा Branch	Engineering Physics
सत्र Session	Aug-Nov	शैक्षिक वर्ष Academic Year	2018-2019

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
MA211	Linear Algebra, Complex Analysis and Fourier Series	3	A
PH211	Electrodynamics and Special Relativity	3	A
PH212	Mathematical Physics	4	A
AE216	Thermodynamics	3	B
AV215	Signals and Systems	4	A
HS211	Introduction to Economics	2	A
PH231	Optics Lab I	1	A
Grade Point Average (GPA)			8.85

Cumulative Grade Point Average (CGPA): 8.98

Cumulative Credits Earned: 62/62

तारीख/Date: **05 FEB 2019**

उप कुलसचिव/Deputy Registrar
(शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एंव प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (पि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भारी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
तिरुवनंतपुरम्/Thiruvananthapuram
कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech.	शाखा Branch	Engineering Physics
सत्र Session	Feb-May	शैक्षिक वर्ष Academic Year	2018-2019

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
MA221	Integral Transforms, PDE and Calculus of Variations	3	C
PH221	Modern Optics	3	S
PH222	Classical Mechanics	4	A
AE225	Fluid Dynamics	3	A
AV225	Analog and Digital Circuits	3	A
HS221	Introduction to Social Science and Ethics	2	A
PH241	Optics Lab II	1	S
Grade Point Average (GPA)			8.89

Cumulative Grade Point Average (CGPA): 8.96

Cumulative Credits Earned: 81/81

तारीख/Date: 29 AUG 2019

उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/ Academics)



भारतीय अंतरिक्ष विज्ञान एंव प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology

(वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भावी मानित विश्वविद्यालय घोषित)
(Declared as Deemed to be University under Section 3 of the UGC Act, 1956)

तिरुवनंतपुरम्/Thiruvananthapuram

कोटि विवरण/GRADE STATEMENT

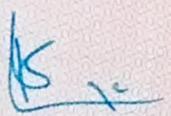
नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech.	शाखा Branch	Engineering Physics
सत्र Session	Aug-Nov	शैक्षिक वर्ष Academic Year	2019-2020

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
MA311	Probability, Statistics and Numerical Methods	3	A
PH311	Quantum Mechanics	4	B
PH312	Statistical Mechanics	3	A
AV316	Digital Signal Processing	3	B
AV317	Instrumentation and Measurement	3	B
HS311	Principles of Management Systems	3	B
PH331	Modern Physics Lab	1	A
AV336	Digital Signal Processing Lab	1	A
AV337	Instrumentation and Measurement Lab	1	A
Grade Point Average (GPA)			8.41

Cumulative Grade Point Average (CGPA): 8.84

Cumulative Credits Earned: 103/103

तारीख/Date: 20 JAN 2020


उप कुलसचिव / Deputy Registrar
(शैक्षिकी / Academics)



भारतीय अंतरिक्ष विज्ञान एंव प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भावी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
तिरुवनंतपुरम्/Thiruvananthapuram
कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	B.Tech.	शाखा Branch	Engineering Physics
सत्र Session	Feb-May	शैक्षिक वर्ष Academic Year	2019-2020

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
PH321	Introduction to Solid State Physics	3	A
ES322	Introduction to Earth, Atmosphere and Ocean Sciences	3	A
ES323	Astrophysical Concepts	3	A
CH321	Environmental Science and Engineering	2	B
AV493	Machine Learning for Signal Processing	3	A
HS462	Visual Communication	3	A
PH341	Solid State Physics Lab	1	B
PH351	Comprehensive Viva-Voce I	3	A
Grade Point Average (GPA)			8.86

Cumulative Grade Point Average (CGPA): 8.85

Cumulative Credits Earned: 124/124

तारीख/Date: 07 JAN 2021

[Signature]
 उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भावी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
 तिरुवनंतपुरम्/Thiruvananthapuram
 कोटि विवरण/GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	Dual Degree - Master of Science	शैक्षिक वर्ष & सत्र Academic Year & Session	2020 - 2021 Aug - Nov
शाखा Branch	Astronomy and Astrophysics		

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
ESA411	Astronomical Techniques	3	A
ESA412	Radiation Processes in Astrophysics	3	B
ESA413	Planetary Sciences	3	A
ESA414	Computational Astrophysics	4	S
AV490	Deep Learning for Computational Data Science	3	S
ESA431	Data Analysis Astronomy Lab	1	S
PH452	Summer Internship and Training	3	S
Grade Point Average			(GPA) 9.40

Cumulative Grade Point Average (CGPA): 8.92

Cumulative Credits Earned: 144/144

तारीख/Date: 30 MAR 2021

उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एंव प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (वि. अ. आयोग अधिनियम 1956 की धारा 3 के अधीन भारी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
तिरुवनंतपुरम्/Thiruvananthapuram
कोटि विवरण / GRADE STATEMENT

नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	Dual Degree - Master of Science	शैक्षिक वर्ष & सत्र Academic Year & Session	2020 - 2021 Feb - May
शाखा Branch	Astronomy and Astrophysics		
पाठ्यक्रम कोड Course Code	शीर्षक Title	जपा Credits	कोटि Grade
ESA421	Structure and Evolution of Stars	3	C
ESA422	Galaxies (Structure, Dynamics and Evolution)	3	B
ESA423	Cosmology	3	A
ESA463	High Energy Astrophysics	3	B
ESA441	Observational Astronomy Lab	2	S
ESA451	Seminar	2	B
ESA452	Comprehensive Viva-Voce II	2	B
		Grade Point Average	(GPA)
			8.22

Cumulative Grade Point Average (CGPA): 8.85

Cumulative Credits Earned: 162/162

तारीख/Date: 07 OCT 2021

K
 उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)



भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान
Indian Institute of Space Science and Technology
 (पि. आयोग अधिनियम 1956 की धारा 3 के अधीन भावी मानित विश्वविद्यालय घोषित)
 (Declared as Deemed to be University under Section 3 of the UGC Act, 1956)
 तिरुवनंतपुरम्/Thiruvananthapuram
 कोटि विवरण/GRADE STATEMENT

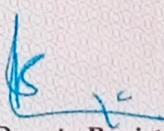
नाम Name	Shivam Kumaran	क्रमांक Roll No.	SC17B122
कार्यक्रम Programme	Dual Degree - Master of Science	शैक्षिक वर्ष & सत्र Academic Year & Session	2021 - 2022 Aug - Nov
शाखा Branch	Astronomy and Astrophysics		

पाठ्यक्रम कोड Course Code	शीर्षक Title	जमा Credits	कोटि Grade
ESA551	Seminar II	2	A
ESA552	Thesis Phase I	16	S
Grade Point Average		(GPA)	9.89

Cumulative Grade Point Average (CGPA): 8.95

Cumulative Credits Earned: 180/180

तारीख/Date: 08 MAR 2022


 उप कुलसचिव/Deputy Registrar
 (शैक्षिकी/Academics)

All India Senior School Certificate Examination - 2017
Transcript for Higher secondary school (Class 11 and 12)

क्रम संख्या /
S.No.SSCE/2017/

0874843



केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION
अंक विवरणिका
MARKS STATEMENT

सीनियर स्कूल सर्टिफिकेट परीक्षा, 2017

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION, 2017

विद्यार्थी का नाम Name of Student **SHIVAM KUMARAN**

अनुक्रमांक Roll No. **7675076**

माता का नाम Mother's Name **SHEELA DEVI**

पिता/संरक्षक का नाम Father's/Guardian's Name **SURESH PRASAD SONI**

विद्यालय School **08055 JAWAHAR VIDYA MANDIR SHYAMALI RANCHI JH**

विषय कोड SUB. CODE	विषय SUBJECT	प्राप्तांक MARKS OBTAINED				स्थितीय ग्रेड POSITIONAL GRADE
		लिखित THEORY	प्रायोगिक PRACTICAL	योग TOTAL	योग शब्दों में TOTAL IN WORDS	
301	ENGLISH CORE	080	XXX	080	EIGHTY	B1
041	MATHEMATICS	090	XXX	090	NINETY	A2
042	PHYSICS	065	030	095	NINETY FIVE	A1
043	CHEMISTRY	065	030	095	NINETY FIVE	A1
083	COMPUTER SCIENCE	061	030	091	NINETY ONE	A2
500	WORK EXPERIENCE					A1
502	PHY & HEALTH EDUCA					A2
503	GENERAL STUDIES					A2

संक्षिप्तियों का अर्थ : Abbreviations

AB : अनुपस्थित Absent

परिणाम Result **PASS**

FP : प्रयोगात्मक में असफल Fail in Practical

FT : लिखित में असफल Fail in Theory

सूचना / Information :

- स्थितीय ग्रेड ग्रेडिंग पैटर्न के अनुसार विद्यार्थी की स्थिति है। ग्रेड निम्नलिखित नीचे बिन्दु पैमाने पर प्रदान किए गए हैं : -
Positional Grade is position of the candidate according to grading pattern. The grades have been awarded on a nine point scale as under :-
 - ए-1 : सर्वोक्षिप्त 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - A-1 : Top 1/8th of the passed candidates
 - ए-2 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - A-2 : Next 1/8th of the passed candidates
 - बी-1 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - B-1 : Next 1/8th of the passed candidates
 - बी-2 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - B-2 : Next 1/8th of the passed candidates
 - सी-1 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - C-1 : Next 1/8th of the passed candidates
 - सी-2 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - C-2 : Next 1/8th of the passed candidates
 - डी-1 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - D-1 : Next 1/8th of the passed candidates
 - डी-2 : तत्पश्चात् 1/8 उत्तीर्ण परीक्षार्थियों के लिए
 - D-2 : Next 1/8th of the passed candidates
 - ई : अनुत्तीर्ण परीक्षार्थियों के लिए
 - E : Failed candidates



- (क) वाह्य परीक्षा के प्रत्येक विषय में अधिकतम अंक 100 है। प्रत्येक विषय में उत्तीर्ण होने के लिए कम से कम 33% अंक है। लिखित व प्रयोगात्मक दोनों पत्रों वाले विषयों में, लिखित में 33%, प्रयोगात्मक में 33% तथा योग में 33% अंक अवश्य होने चाहिए।
 - (a) Maximum marks for each subject of external examination are 100. Minimum pass marks in each subject are 33%. In case of a subject involving practical work, a candidate must obtain 33% marks in theory and 33% marks in practical separately in addition to 33% marks in aggregate in order to qualify in that subject.
 - (ख) सामान्य अध्ययन / सामान्य बुनियादी पाठ्यक्रम (जी.एफ.सी), कार्यानुभव / सामान्य व्यावसायिक पाठ्यक्रम (व्यावसायिक क्षेत्र के लिए नहीं है) आंशिक एवं स्वास्थ्य शिक्षा आंशिक परीक्षा के विषय हैं और इनका श्रेणीकरण स्कूल में ली गई परीक्षा, आंतरिक मूल्यांकन पर आधारित है। पत्राचार विद्यालय / प्राइवेट के परीक्षार्थियों के लिए आंतरिक परीक्षा के विषयों में छूट प्राप्त है।
 - (b) General Studies / General Foundation Course (GFC), Work Experience / Generic Vocational Course (not applicable to Vocational Scheme) and Physical & Health Education are subjects of internal examination and the Grades are based on internal assessment by the schools. Patrachar Vidyalaya / Private candidates are exempted from Subject(s) of internal examination.

- (क) यदि परीक्षार्थी को छूट प्राप्त नहीं है तो परीक्षा उत्तीर्ण करने के लिए आवश्यक है कि वह आंतरिक मूल्यांकन के लाभ विषयों में कम से कम डी-2 ग्रेड अवश्य प्राप्त करें और पांच वाले परीक्षा के प्रत्येक विषय में 33% अंक या डी-2 ग्रेड अवश्य प्राप्त करें।
 - (a) To pass the examination, a candidate must obtain at least Grade D-2 in all subjects of internal assessment unless the candidate is exempted and 33% marks or Grade D-2 in each of the five subjects of external examination.
 - (ख) अवश्यन योग्यता के अनुसार वाह्य परीक्षा के पांच विषय होंगे। इनमें या तो दो भाषाएं और तीन वैकल्पिक विषय होंगे अवश्य एक भाषा और चार वैकल्पिक विषय।
 - (b) As per Scheme of Studies there are five subjects of external examination either two languages and three electives or one language and four electives.
 - (ग) समग्र रूप से कोई श्रेणीकरण/उन्कॉर्टा/कुलयोग नहीं दिया जाता है।
 - (c) No overall division/distinction/aggregate is awarded.
4. जिन परीक्षार्थियों को पूरक श्रेणी में रखा गया है उन्हें विद्यालय/पत्राचार विद्यालय के माध्यम से तथा प्राइवेट परीक्षार्थियों को वेस्टर्नर्ट के माध्यम से पूरक परीक्षा के लिए आवेदन करना चाहिए। The candidates who have been placed under compartment category should register themselves through school / Patrachar Vidyalaya and private candidates should apply through website for appearing in compartment examination.
5. नवीनतम जानकारी के लिए सी.बी.एस.इ. की वेबसाइट - www.cbse.nic.in
 अथवा परीक्षा वेबसाइट - www.cbseresults.nic.in देखें।
 For latest updates visit website of CBSE - www.cbse.nic.in or Result website - www.cbseresults.nic.in

All India secondary School Examination - 2017
Transcript for secondary school (Class 9 and 10)



केंद्रीय माध्यमिक शिक्षा बोर्ड

CENTRAL BOARD OF SECONDARY EDUCATION

**SECONDARY SCHOOL EXAMINATION (SESSION : 2013-2015)
GRADE SHEET CUM CERTIFICATE OF PERFORMANCE**

This is to certify that

Name	SHIVAM KUMARAN	Roll No	7201945
Mother's/Father's/ Guardian's Name	SHEELA DEVI / SURESH PRASAD SONI		
DOB	28/10/1999	Registration No.	P115580580001
School (Code)	D A V PUBLIC SCHOOL GAYA ROAD BABHNE CHATRA JH (58058)		

has performed as follows:

Part 1: Scholastic Areas

Academic Performance :

Subject Code & Name		Class IX				Class X			
Subject Code	Subject Name	Grade FA	Grade SA	Overall Grade		Grade FA	Grade SA	Overall Grade	
				Grade	Grade Point (GP)			Grade	Grade Point (GP)
101	ENGLISH COMM.	A1	A1	A1	10	A1	A1	A1	10
002	HINDI COURSE-A	A1	A2	A1**	10	A1	A2	A1	10
041	MATHEMATICS	A1	B1	A1**	10	A1	A1	A1	10
086	SCIENCE	A1	A2	A1	10	A1	A1	A1	10
087	SOCIAL SCIENCE	A1	A1	A1	10	A1	A1	A1	10

Additional:

165	FOUNDATION OF I T	A1	A1	A1	10	A1	A1	A1	10
-----	-------------------	----	----	----	----	----	----	----	----

Cumulative Grade Point Average (CGPA): 10

Grade in Assessment of Speaking and Listening Skills (ASL): IX - A1 | X - A1

Part 2: Co-Scholastic Areas

2(A) Life Skills:

Life Skills	Class IX		Grade	Class X		Grade
	Descriptive Indicators			Descriptive Indicators		
Thinking Skills	Easily identifies personal strengths and weaknesses and uses them to arrive at meaningful decisions, raises questions, capable of independent thinking, has exceptional problem-solving and decision-making skills.	A	Identifies personal strengths and weaknesses, evaluates information and chooses appropriate alternatives, arrives at innovative and constructive solutions to problems.	A		
Social Skills	Empathetic, Displays sensitivity towards differently-abled students, possesses good interpersonal skills and appreciates other's opinions, accepts feedback from teachers, elders and peers for self-improvement.	A	Empathetic, with very good interpersonal and communicative skills, an active listener, observes school rules, accepts feedback and criticism with positivity, often demonstrates leadership skills and is an inspiring team worker.	A		
Emotional Skills	Self-confident, optimistic, manages personal challenges and adverse situations effectively and constructively, handles stress well, expresses emotions appropriately and readily takes help when needed.	A	Identifies the causes of stress and manages adverse situations effectively. Expresses emotions appropriately.	A		

2(B) Work Education:

Work Education	Innovative, with excellent grasp of any assignment, very punctual in the completion of any assigned task, self-motivated, empathetic, inspires others and an excellent team worker.	A	Innovative, with excellent grasp of any assignment and is very punctual in the completion of set task, self-motivated, empathetic, inspires others and an excellent team worker. Readily shoulders responsibility.	A
----------------	---	---	--	---

2(C) Visual and Performing Arts:

Visual And Performing Arts	Participates actively in artistic activities at different levels, enthusiastically plans and conducts creative events, very observant, displays an aesthetic, innovative approach to the appreciation and understanding of different art forms.	A	Participates actively in artistic activities at different levels, enthusiastically plans and conducts creative events, very observant, displays an aesthetic, innovative approach to the appreciation and understanding of different art forms.	A
----------------------------	---	---	---	---

2(D) Attitudes & Values:

towards	Descriptive Indicators	Grade	Descriptive Indicators	Grade
Attitude And Values Towards Teachers	Very courteous to teachers and elders, adheres to school rules, sincere and helpful towards teachers, has a positive attitude to learning, communicates easily with and confides in teachers, accepts feedback and criticism positively.	A	Very courteous to teachers and elders, has a positive attitude towards learning and adheres to school and class norms, communicates effectively with teachers and takes feedback and criticism with positivity.	A
Attitude And Values Towards Schoolm	Expresses ideas and opinions with clarity, is sensitive and supportive towards peers and differently-abled schoolmates, receptive to new ideas and suggestions, inspires others and manages diversity well.	A	Sensitive and supportive towards peers and differently-abled schoolmates, expresses ideas and opinions with clarity in a group, receptive to new opinions and suggestions, displays sensitivity to differences.	A
Attitude And Values Towards School	Enthusiastic, shoulders responsibility readily and is a keen participant in various school programmes, possesses leadership qualities, inspires others, concerned about the environment. Participates in related events.	A	Punctual and takes part in school programmes regularly, possesses leadership qualities and displays team spirit, motivates and inspires others to participate. Respects school property and takes pride in the school.	A
Attitude And Towards Value Systems	Understands value systems, abides by rules and regulations. Ethical and always courteous towards peers and elders, respects the national flag and symbols, sensitive to diversity and shows empathy towards the disadvantaged.	A	Abides by rules and understands value systems. Honest, courteous towards peers and elders, and has leadership qualities. Respects the national flag and symbols, sensitive to diversity, is empathetic towards the disadvantaged.	A

Part 3: Co-Curricular Activities

3(A) Life Skill:

Activity	Descriptive Indicators	Grade	Descriptive Indicators	Grade
Literary And Creative Skills	Actively plans and participates in literary and creative events such as debates, creative writing, declamation etc. at different levels, has excellent literary skills, an avid reader, creative and collaborates easily with peers.	A	Plans, organizes and actively participates in literary and creative events at various levels, writes short stories, literary criticism and composes poems, an avid reader and displays a high level of interpretative skills.	A
Scientific Skills	Represents the school in various scientific forums at national and international events, shows keen interest in scientific activities, investigative, has excellent laboratory and observation skills.	A	Displays scientific temperment in everyday life, very observant, plans and participates in scientific activities at different levels, displays precision and observation during laboratory work.	A

3(B) Health and Physical Education:

Activity	Descriptive Indicators	Grade	Descriptive Indicators	Grade
Sports /in indigenous Sports(kh o-kho Etc.)	Talented in an identified sport and the represents school, disciplined, punctual, possesses strength and stamina. Displays good team spirit and is usually punctual.	B	Talented in an identified sport, represents school, possesses stamina, strength, agility and flexibility, demonstrates a healthy team spirit and is disciplined.	B
Gardening / Shramdaan	Quite interested in gardening/Shramdaan and is keen to do a good job. Seeks information about gardening and tools.	D	Looks after plants well and understands the use of fertilizers, involved in various tasks assigned during shramdaan.	C

***'Upgraded Grade

Result QUAL



Digitally signed by:
Controller of Examinations
Central Board of Secondary Education
Date: 22/05/2022 16:02:33 IST

Note:

1. This mark sheet is generated by DigiLocker (<https://digilocker.gov.in>) directly from CBSE's database.
2. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
3. To verify this mark sheet, download DigiLocker Android application from Google Play and scan the QR code on the mark sheet.