



Indian Institute of Technology Madras

hereby confers the degree of
Master of Science

in

Physics

on

SUKHWANI MITANSHU HUNDRAJ



PH20C043

Given this day the Thirteenth of July, 2022
under the seal of the Institute.



J. N. Radhakrishnan

Registrar

V. Venkateswaran

Director

R. Venkateswaran

Chairman, Board of Governors

Indian Institute of Technology Madras

M.Sc. Grade Card

Roll No: PH20C043 Name: SUKHWANI MITANSHU HUNDRAJ

Department: Physics
M.Sc Physics



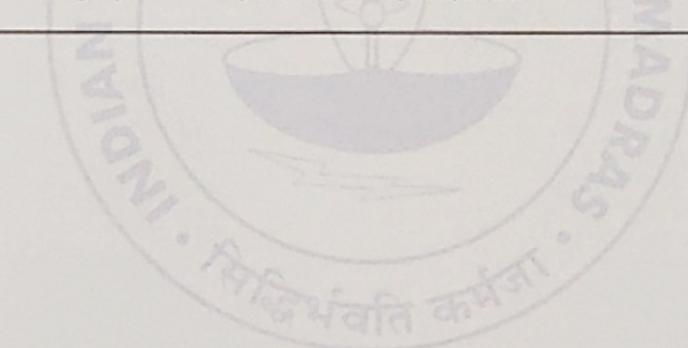
Course	Title	Cat	Cr	Gr	Att	Course	Title	Cat	Cr	Gr	Att
First Semester (JUL-NOV 2020)						Third Semester (JUL-NOV 2021)					
PH5010	Mathematical Physics I	10	C	VG		PH5050	Mathematical Physics II	9	C	G	
PH5030	Classical Mechanics	10	C	G		PH5211	High Energy Physics	9	B	G	
PH5040	Electronics	9	A	VG		PH5270	Physics Lab III	11	A	VG	
PH5060	Physics Lab I (PG)	12	A	VG		PH5291	Project I	9	B	VG	
PH5100	Quantum Mechanics-I	10	B	G		PH5410	Atomic and Molecular Physics	10	C	VG	
PH5120	Physics Lab II (PG)	12	A	VG		PH5840	Quantum Computation and Quantum Information	9	C	VG	
Earned Credit:63 GPA:8.21 CGPA:8.21						Earned Credit:57 GPA:7.7 CGPA:7.94					
Second Semester (JAN-MAY 2021)						Fourth Semester (JAN-MAY 2022)					
PH5020	Electromagnetic Theory	10	B	G		PH5230	Seminar	3	E	VG	
PH5080	Statistical Physics	9	B	VG		PH5240	Viva Voce	6	B	VG	
PH5160	Condensed Matter Physics I	10	C	VG		PH5292	Project II	18	E	VG	
PH5170	Quantum Mechanics II	9	C	VG		PH5842	Advanced topics in Quantum Computation and Quantum Information	9	B	G	
PH5500	Dynamical Systems	9	B	VG		Earned Credit:36 GPA:5.67 CGPA:7.56					
PH5720	Numerical Methods and Programming Lab	12	A	VG		Earned Credit:59 GPA:7.88 CGPA:8.05					

Summary

Semester	I	II	1S	III	1V	2S	V	VI	3S	VII	VIII	4S	Total
Earned Credits	63	59	0	57	36	0	0	0	0	0	0	0	215
Provisional Registration	0	0	0	0	0	0	0	0	0	0	0	0	0
Total													215

◊ Transfer credits are not included in Earned Credits and not considered for CGPA calculation. Transfer credits + Earned Credits should meet the Total Credit requirement.

Cumulative grade point average secured considering only the successfully completed courses(credits) is **7.56**




Assistant Registrar (Acad) / Deputy Registrar (Acad)

Date : 13 JUL 2022

We, the Chancellor, Vice Chancellor and Members
of the Court of the Gujarat University Certify that
the withinsigned



Sukhwani Mitanshu Hundraj

of St.Xavier's College (**Autonomous**)
having been examined for the degree of
Bachelor of Science (Special) in the Year 2020
and adjudged to have passed in the

First Class with Distinction

the degree of

Bachelor of Science

(Special)

with special subject: **Physics**
has been conferred at Ahmedabad,
on the Thirteenth day of the month of March
in the year Two Thousand Twenty One.

In Testimony whereof are set the Seal

of the said University and

the Signature of the Chancellor.

051775



Chancellor

201319100225/00502



GUJARAT UNIVERSITY

761279 STATEMENT OF MARKS AND GRADES
Obtained in each course at the Examination of

Sr. No. 2016

Semester : I of

Bachelor of Science Programme held in December-2017

Seat No.	Name			Department / College			Enrol./Regi.No.			
1219	SUKHANI MITANSHU HUNDRAJ			008-MGSC			201702100797			
Course Name		Credit	University Exam / Internal Evaluation			Total	Grade	GP	CGP	Course Status Month-Year
			Max	Min	Obtained					
CC1-101-Physics		4	70 30	25 11	52 23	75	O	7.50	30.00	CL DEC-2017
CC2-101-Chemistry		4	70 30	25 11	34 20	54	B	5.40	21.60	CL DEC-2017
CC3-101-Mathematics		4	70 30	25 11	67 26	93	O+	9.30	37.20	CL DEC-2017
CC1-102-Practicals-Physics		3	70 30	25 11	44 22	66	A	6.60	19.80	CL DEC-2017
CC2-102-Practicals-Chemistry		3	70 30	25 11	55 27	82	O	8.20	24.60	CL DEC-2017
CC3-102-Practicals-Mathematics		3	70 30	25 11	67 24	91	O+	9.10	27.30	CL DEC-2017
FC101-General English		2	70 30	25 11	27 24	51	B	5.10	10.20	CL DEC-2017
(#) EC101-Elective Course		2	-- 100	-- 36	-- 56	56	B+	5.60	11.20	CL DEC-2017
Subj. Comb.	1-001,0000	Total :	23	490 210	-- --	346 166	512		170.70	
Result :	I-DIST		Dist.: (343, 490), First: (294, 420), Second: (235, 336)				SGPA :		7.42	
Total :										
CGPA :										

Programme Summary

Date of Issue : 15-MAR-2018

Ahmedabad - 380009, India

N.B.: No Change in any entry is to be made except by the authority issuing the certificate. Any infringement will be severely dealt with.

00132000200563



(#): Marks & Credits of this Subject will not be considered for Class or Total.

dated

Officer

University Registrar



GUJARAT UNIVERSITY

STATEMENT OF MARKS AND GRADES

Obtained in each course at the Examination of

Sr. No. 2017 0298757

Semester : II of

Bachelor of Science

Programme held in

April-2018

Seat No.	Name			Department / College			Enrol./Regd.No.		
686	SUKHANI MITANSHU HUNDRAJ			008-MGSC			201702100797		
Course Name	Credit	University Exam / Internal Evaluation			Total	Grade	GP	CGP	Course Status Month-Year
		Max	Min	Obtained					
CC1-103-Physics	4	70 30	25 11	49 15	64	A	6.40	25.60	CL APR-2018
CC2-103-Chemistry	4	70 30	25 11	56 17	73	O	7.30	29.20	CL APR-2018
CC3-103-Mathematics	4	70 30	25 11	58 20	78	O	7.80	31.20	CL APR-2018
CC1-104-Practicals-Physics	3	70 30	25 11	59 22	81	O	8.10	24.30	CL APR-2018
CC2-104-Practicals-Chemistry	3	70 30	25 11	50 23	73	O	7.30	21.90	CL APR-2018
CC3-104-Practicals-Mathematics	3	70 30	25 11	36 20	56	B+	5.60	16.80	CL APR-2018
FC102-General English	2	70 30	25 11	45 24	69	A	6.90	13.80	CL APR-2018
(#) EC102-Elective Course	2	-- 100	-- 36	-- 67	67	A	6.70	13.40	CL APR-2018
Subj. Comb.	1-0010000	Total :	23	490 210	353 --	494			162.80
Result :	I-DIST			Dist.: (343, 490), First: (294, 420), Second: (235, 336)			SGPA :		7.08

Programme Summary

Total :

CGPA :

Date of Issue : 21-JUN-2018

Ahmedabad - 380009, India

N.B.: No Change in any entry is to be made except by the authority issuing the certificate. Any infringement will be severely dealt with.

00077000192929



(#): Marks & Credits of this Subject will not be considered for Class or Total.

dated.

Officer University Registrar



GUJARAT UNIVERSITY

STATEMENT OF MARKS AND GRADES

Obtained in each course at the Examination of

Sr. No. 2017 0490019

Semester : III of

Bachelor of Science

Programme held in

December-2018

Seat No.	Name			Department / College			Enrol./Regd.No.			
	SUKHANI MITANSHU HUNDRAJ			008-MGSC			201702100797			
Course Name		Credit	University Exam / Internal Evaluation			Total	Grade	GP	CGP	Course Status Month-Year
			Max	Min	Obtained					
CC1-201-Mathematics		4.0	70 30	25 11	47 23	70	O	7.00	28.00	CL DEC-2018
CC1-202-Mathematics		4.0	70 30	25 11	55 21	76	O	7.60	30.40	CL DEC-2018
CC2-201-Physics		4.0	70 30	25 11	27 24	51	B	5.10	20.40	CL DEC-2018
CC2-202-Physics		4.0	70 30	25 11	53 21	74	O	7.40	29.60	CL DEC-2018
CC1-203-Practicals-Mathematics		2.5	70 30	25 11	60 26	86	O+	8.60	21.50	CL DEC-2018
CC2-203-Practicals-Physics		2.5	70 30	25 11	54 23	77	O	7.70	19.25	CL DEC-2018
FC201-General English & Composition		2.0	70 30	25 11	49 23	72	O	7.20	14.40	CL DEC-2018
(#) EC201-Elective Course		2.0	-- 100	-- 36	-- 48	48	B	4.80	9.60	CL DEC-2018
Subj. Comb.	1-0601000	Total :	23.	490 210	-- --	345 161	506			163.55
Result :	I-DIST		Dist.: (343, 490), First: (294, 420), Second: (235, 336)					SGPA :		7.11
Programme Summary										
Total :										
CGPA :										

Date of Issue : 11-FEB-2019

Ahmedabad - 380009, India

N.B.: No Change in any entry is to be made except by the authority issuing the certificate. Any infringement will be severely dealt with.

(#) Marks & Credits of this Subject will not be considered for Class or Total.

Impacted

O/Hg

University Registrar



GUJARAT UNIVERSITY

STATEMENT OF MARKS AND GRADES

Obtained in each course at the Examination of

Sr. No. 2017 0760955

Semester : IV of

Bachelor of Science

Programme held in

March-2019

Seat No.	Name			Department / College			Enrol./Regi.No.			
2816	SUKHWANI MITANSHU HUNDRAJ			008-MGSC			201702100797			
Course Name		Credit	University Exam / Internal Evaluation			Total	Grade	GP	CGP	Course Status Month-Year
			Max	Min	Obtained					
CC1-204-Physics		4.0	70 30	25 11	44 21	65	A	6.50	26.00	CL MAR-2019
CC1-205-Physics		4.0	70 30	25 11	58 23	81	O	8.10	32.40	CL MAR-2019
CC2-204-Mathematics		4.0	70 30	25 11	31 24	55	B+	5.50	22.00	CL MAR-2019
CC2-205-Mathematics		4.0	70 30	25 11	30 22	52	B	5.20	20.80	CL MAR-2019
CC1-206-Practicals-Physics		2.5	70 30	25 11	58 28	86	O+	8.60	21.50	CL MAR-2019
CC2-206-Practicals-Mathematics		2.5	70 30	25 11	60 24	84	O	8.40	21.00	CL MAR-2019
FC202-General English		2.0	70 30	25 11	51 26	77	O	7.70	15.40	CL MAR-2019
(#) EC202-Elective Course		2.0	-- 100	-- 36	-- 42	42	C	4.20	8.40	CL MAR-2019
Subj. Comb.	1-0106000	Total :	23.	490 210	-- --	332 168	500			159.10
Result :	FIRST	Dist.:(343, 490), First: (294, 420), Second: (235, 336)				SGPA :	6.92			

Programme Summary

Total :

CGPA :

Date of Issue : 22-MAY-2019

Ahmedabad - 380009, India

N.B.: No Change in any entry is to be made except by the authority issuing the certificate. Any infringement will be severely dealt with.

00306001172391



(#):Marks & Credits of this Subject will not be considered for Class or Total.

dated.

Offg. University Registrar



St. Xavier's College (Autonomous)

(An Autonomous College affiliated to the Gujarat University)

Ahmedabad - 380009

Degree Examination - Grade Card

Choice Based Credit System



Name of the Student SUKHWANI MITANSHU HUNDRAJ	Semester V	Roll Number 19-PH-5302
Name of the Course BACHELOR OF SCIENCE	Enrolment Number 201702100797	Month and Year NOVEMBER - 2019

Subject Code	Subject Name	Credit	CIA		ESE		Aggregate	GP	LG	CGP	Result	Month & Year of Passing
			Max	Obt.	Max	Obt.						
GE-5052	English Compulsory - General English	2	30	23	70	49	72	7.2	A+	14.4	P	Nov-2019
PH-5501	Mathematical Physics, Classical Physics & Quantum Mechanics	4	30	26	70	63	89	8.9	O+	35.6	P	Nov-2019
PH-5502	Molecular Spectroscopy, Statistical Mechanics & Solid State Physics	4	30	23	70	41	64	6.4	A	25.6	P	Nov-2019
PH-5503	Electrostatics, Magnetostatics & Nuclear Physics	4	30	24	70	48	72	7.2	A+	28.8	P	Nov-2019
PH-5504	Electronics	4	30	22	70	35	57	5.7	B+	22.8	P	Nov-2019
PH-5401	Plasma Physics	2	30	24	70	41	65	6.5	A	13	P	Nov-2019
PH-5505L	Physics Practicals	5	60	45	140	110	155	7.75	O	38.75	P	Nov-2019

TOTAL CREDITS: 25

GPA: 7.16

RESULT: PASS

GRAND TOTAL: 574/800

GRADE: A+

CLASSIFICATION: FIRST CLASS

WITH DISTINCTION

PERCENTAGE: 71.75

SEMESTER

CGPA

SEMESTER

CGPA

I

-

II

7.25

III

7.2

IV

7.13

V

7.14

#: Not included in CGPA; Passing Minimum: 36% in end semester examination and in aggregate, (CIA) Continuous Internal Assessment (11/30) & (36/100), (ESE) End Semester Examination (25/70); P: Pass; F: Fail; RA: Reappear; AAA: Absent; WH: Withheld; RE: Retained; *: Gracing; Ord: Ordinance; EX: Exemption; LG: Letter Grade; GP: Grade Point; CGP: Credit Grade Point.

N.B.: No change in any entry is to be made except by the authority issuing the certificate. To verify this mark sheet scan the QR code and open the URL.

Place: Ahmedabad

Date of Issue: 16-01-2020



L.O.Ganu

Nirmal S Desai

Controller of Examinations

0123020220193019

Principal



St. Xavier's College (Autonomous)

(An Autonomous College affiliated to the Gujarat University)

Ahmedabad - 380009

Degree Examination - Grade Card

Choice Based Credit System



Name of the Student SUKHWANI MITANSHU HUNDRAJ	Semester VI	Roll Number 19-PH-5302
Name of the Course BACHELOR OF SCIENCE	Enrolment Number 201702100797	Month and Year SEPTEMBER - 2020

Subject Code	Subject Name	Credit	CIA		ESE		Aggregate	GP	LG	CGP	Result	Month & Year of Passing
			Max	Obt.	Max	Obt.						
GE-6052	English Compulsory - General English	2	30	21	70	63	84	8.4	O	16.8	P	Sep-2020
PH-6501	Mathematical Physics & Quantum Mechanics	4	30	22	70	59	81	8.1	O	32.4	P	Sep-2020
PH-6502	Molecular Spectroscopy, Statistical Mechanics, Instrumentation & Lasers	4	30	20	70	58	78	7.8	O	31.2	P	Sep-2020
PH-6503	Electromagnetism, Solid State Physics, Nuclear Physics & Particle Physics	4	30	18	70	57	75	7.5	O	30	P	Sep-2020
PH-6504	Electronics	4	30	25	70	57	82	8.2	O	32.8	P	Sep-2020
PH-6401	Project	2	30	29	70	64	93	9.3	O+	18.6	P	Sep-2020
PH-6505L	Physics Practicals	5	60	39	140	124	163	8.15	O	40.75	P	Sep-2020

TOTAL CREDITS: 25 GPA: 8.1 RESULT: PASS GRAND TOTAL: 656/800	GRADE: O CLASSIFICATION: OUTSTANDING-EXEMPLARY PERCENTAGE: 82	SEMESTER	CGPA	SEMESTER	CGPA	
		I	-	II	7.25	
		III	7.2	IV	7.13	
		V	7.14	VI	7.3	
OVERALL CGPA: 7.3 OVERALL CLASSIFICATION: FIRST CLASS WITH DISTINCTION OVERALL GRADE: A+						
#: Not included in CGPA; Passing Minimum: 36% in end semester examination and in aggregate, (CIA) Continuous Internal Assessment (11/30) & (36/100), (ESE) End Semester Examination (25/70); P: Pass; F: Fail; RA: Reappear; AAA: Absent; WH: Withheld; RE: Retained; *: Gracing; Ord: Ordinance; EX: Exemption; LG: Letter Grade; GP: Grade Point; CGP: Credit Grade Point.						
N.B.: No change in any entry is to be made except by the authority issuing the certificate. To verify this mark sheet scan the QR code and open the URL.			Place: Ahmedabad		Date of Issue: 12-10-2020	



0123020220193019

Nirmal S Desai

Controller of Examinations

Principal

1000581

03007/00016

क्रम संख्या/
S.No.SSCCE/2017।

0336581



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 SUKHWANI MITANSHU HUNDRAJ

अनुक्रमांक Roll No. 1601038

माता का नाम Mother's Name NISHA SUKHWANI

पिता/संरक्षक का नाम Father's/Guardian's Name HUNDRAJ DAULATRAM SUKHWANI

विद्यालय School 03007 ARMY SCHOOL SHAHIBAGH AHMEDABAD CANTT GUJ

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	072	XXX	072	SEVENTY TWO	B2
041	MATHEMATICS	083	XXX	083	EIGHTY THREE	A2
042	PHYSICS	057	024	081	EIGHTY ONE	B1
043	CHEMISTRY	065	024	089	EIGHTY NINE	A2
083	COMPUTER SCIENCE	054	028	082	EIGHTY TWO	B2
500	WORK EXPERIENCE					A1
502	PHY & HEALTH EDUCA					A1
503	GENERAL STUDIES					B2

संक्षिप्तियों का अर्थ : Abbreviations

AB : अनुपस्थित Absent

FP : प्रयोगात्मक में असफल Fail in Practical

FT : लिखित में असफल Fail in Theory

परिणाम Result PASS

दिल्ली Delhi
दिनांक Dated : 28-05-2017

km anil
परीक्षा नियंत्रक
Controller of Examinations

केन्द्रीय माध्यमिक शिक्षा बोर्ड, दिल्ली
Central Board of Secondary Education, Delhi
माध्यमिक विद्यालय परीक्षा (सत्र : 2013-15)
SECONDARY SCHOOL EXAMINATION (SESSION : 2013 - 15)

पंजीकरण नं.
Registration No. : A115/03007/0132



यह प्रमाणित किया जाता है कि This is to certify that

माता/पिता/संरक्षक का नाम

Mother's/Father's/Guardian's Name

जन्म तिथि Date of Birth

विद्यालय School

का नियादन निनामुरार रहा has performed as follows :

ग्रेड शीट सह नियादन प्रमाण पत्र Grade Sheet cum Certificate of Performance
SUKHWANI MITANSHU HUNDRAJ

अनुक्रमांक Roll No. : 1101467

NISHA SUKHWANI / HUNDRAJ DAULATRAM SUKHWANI

19/02/2000 19TH FEBRUARY TWO THOUSAND

03007-ARMY SCHOOL SHAHIBAGH AHMEDABAD CANTT GUJ

1. शैक्षणिक नियादन Academic Performance :

विषय कोड तथा नाम Subject Code and Name	कक्षा Class IX				कक्षा Class X			
	Grade FA	Grade SA	Overall Grade (FA+SA)		Grade FA	Grade SA	Overall Grade (FA+SA)	
			Grade	Grade Point (GP)			Grade	Grade Point (GP)
101 ENGLISH COMM.	B2	B1	B1	08	B1	A2	A1**	10
085 HINDI COURSE-B	B1	B2	B1**	08	B1	B2	A2**	09
041 MATHEMATICS	A2	B2	B1	08	B1	A2	A2	09
086 SCIENCE	B1	C1	B2	07	A2	B1	A2	09
087 SOCIAL SCIENCE	A2	C1	B1**	08	B1	A2	A2	09
Additional :								

संचयित ग्रेड विन्दु का औसत (सीजीपीए) Cumulative Grade Point Average (CGPA) :

09.2

* कथन और श्रवण कौशलों (एसएल) के आकलन में ग्रेड Grade in Assessment of Speaking and Listening Skills (ASL) : IX - A1 X - A1

2 (क) (A) जीवन कौशल Life Skills :

जीवन कौशल Life Skills	कक्षा Class IX		ग्रेड Grade	कक्षा Class X		ग्रेड Grade
	वर्णनात्मक उत्तरण Descriptive Indicators			वर्णनात्मक उत्तरण Descriptive Indicators		
विचार कौशल 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
सामाजिक कौशल 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
भावनात्मक कौशल 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 weaknesses, stress and negative emotions fairly well, manages them with self-confidence and is empathetic.		B

2 (ख)(B) कार्य शिक्षा Work Education :

कार्य शिक्षा 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
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2 (ग)(C) दृश्य और प्रदर्शन कला Visual and Performing Arts :

दृश्य और प्रदर्शन कला Visual and Performing Arts :	Participates actively in artistic activities, creative, very observant, appreciates and understands various art forms.	B	Participates actively in artistic activities, quite creative and aesthetic, takes initiatives actively to plan and conduct artistic events, appreciates and understands various art forms.	B
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2 (घ)(D) अधिवृत्तियां एवं मूल्य Attitudes and Values :

के प्रति towards	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade
अव्यापक 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
सहगाती Schoolmates	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
विद्यालय कार्यक्रम और पर्यावरण School Programmes & Environment	An enthusiastic participant in various school programmes and environmental initiatives, possesses leadership skills. Usually takes pride in the school and respects school property.	B	Participates in various school programmes and environmental initiatives regularly, possesses good leadership qualities and is punctual.	B
मूल्य प्रणालियाँ 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

3 (क)(A) सह पाठ्यक्रम कार्यकलाप Co-Curricular Activities :

कार्यकलाप Activity	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade
9- 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	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
X- Literary and Creative Skills	Possesses good organizational and leadership qualities, innovative and very observant, participates in club activities at different levels, demonstrates initiative and enthusiasm for planning events as a team worker.	A	Displays scientific temperament in everyday life, very observant, plans and participates in scientific activities at different levels, displays precision and observation during laboratory work.	A

3 (ख)(B) स्वास्थ्य एवं शारीरिक शिक्षा Health and Physical Education :

कार्यकलाप Activity	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade	वर्णनात्मक उत्तरण Descriptive Indicators	ग्रेड Grade
Sports/ Indigenous Sports/Kho-Kho Etc.	Good in an identified sport and represents the school at various levels, has excellent hand-eye co-ordination, exhibits agility, endurance and flexibility, demonstrates sporting skills, team spirit and determination to excel.	A	Talented in an identified sport, represents the school at various levels, has stamina, strength and flexibility with good hand-eye coordination, displays team spirit, discipline and punctuality.	A
9- First Aid	Well trained in first aid procedures, displays commitment and performs adequately in an emergency, demonstrates aptitude for handling situations and understands the importance of health and safety.	B	Shows enthusiasm for gardening/shramdaan tasks assigned and ready to work with hands. Has basic knowledge of types of plants, gardening tools and the time of the year during which they are to be planted/grown.	A

*** उन्नत ग्रेड Upgraded Grade

Upscaled Grade

परिणाम Result: QUALIFIED FOR ADMISSION TO HIGHER CLASSES

Principal
Army Public School,
प्रशासनाचार्य Principal
(नियादन की मोहर Stamp of the School)

परीक्षा नियंत्रक
Controller of Examinations