

NAAC Grade 'A'

**ST. XAVIER'S COLLEGE, RANCHI**

(An Autonomous College of Ranchi University)

Exam Held in April, 2016

GRADE CARD

Result Publication Date :08/06/2016

Programme : **B.Sc.(Hons.)-Physics(2013-16)**EXAM ROLL NO. **13SPHY021620**CLASS ROLL NO. **006**STUDENT'S NAME : **RAJESH KUMAR**MOTHER'S NAME : **APARNA DEVI**FATHER'S NAME : **JAIDEO KUMHAR**

Sem	Group	Code	Marks	Gr	Gr	Pt	Cr.	SGPA	CGPA	Credits Earned			Ag. % Att.	Semester Result
										Academic	Non-Acad.	Total		
I	Core	PHYC101	49	A	5	4		5.40	5.40	Core	10	0	96.8	Pass
		PHYC102	58	A+	6	4								
		PHYC103	37	A	5	2								
	Electives	CHEE101	53	A	5	2				Electives	6			
		CHEE102	18	A	5	1								
		MATE101	81	A+	6	3								
	Language	MBEE101	15			1				Language	2			
		NHNE101	22	C	2	1								
												18		
II	Core	PHYC204	55	A	5	4		5.60	5.50	Core	10	1	96.1	Pass
		PHYC205	58	A+	6	4								
		PHYC206	39	A+	6	2								
	Electives	CHEE203	46	B+	4	2				Electives	6			
		CHEE204	17	A	5	1								
		MATE202	48	B	3	3								
	Language	MBEE202	22			1				Language	2			
		NHNE202	27	B	3	1								
												19		
III	Core	PHYC307	57	A+	6	4		5.60	5.53	Core	10	1	97.7	Pass
		PHYC308	54	A	5	4								
		PHYC309	39	A+	6	2								
	Electives	CHEE305	56	A+	6	2				Electives	6			
		CHEE306	19	A+	6	1								
		MATE303	92	O	7	3								
	Language	MBEE303	21			1				Language	2			
		NHNE303	33	B	3	1								
												19		
IV	Core	PHYC410	61	A+	6	4		6.20	5.70	Core	10	0	96.3	Pass
		PHYC411	56	A+	6	4								
		PHYC412	45	O	7	2								
	Electives	CHEE407	53	A	5	2				Electives	6			
		CHEE408	20	A+	6	1								
		MATE404	84	A+	6	3								
	Language	MBEE404	28			1				Language	2			
		NHNE404	20	B	3	1								
												18		
V	Core	PHYC513	86	O	7	5		6.50	5.97	Core	20	1	97.1	Pass
		PHYC514	80	A+	6	5								
		PHYC515	82	A+	6	5								
		PHYC516	89	O	7	5								
	Compulsory	EVSE501	65	A	5	2				Compulsory	2			
												23		
VI	Core	PHYC617	76	A+	6	5		6.50	6.10	Core	20	0	94.7	Pass
		PHYC618	92	O	7	5								
		PHYC619	80	A+	6	5								
		PHYC620	88	O	7	5								
	Compulsory	EVSE601	59	B+	4	2				Compulsory	2			
												22		

Full Marks of Core Subjects : 1600

Marks Obtained : 1281

Percentage : 80.06

Pass / Grade : A+



Print Date : 13/06/2016

Printed by : TARAK

CONTROLLER OF EXAMINATION

Core Courses detail upto semester - VI

Course Code	Course Type	Topics Covered
PHYC101	THEORY	Mathematical Methods in Physics
PHYC102		General Physics, Acoustics
PHYC103	PRACTICAL	Practical
PHYC204	THEORY	Heat & Thermodynamics
PHYC205		Wave Optics
PHYC206	PRACTICAL	Practical
PHYC307	THEORY	Electrostatics, Special Theory of Relativity
PHYC308		Electromagnetic Theory, Magnetism, Series Solutions
PHYC309	PRACTICAL	Practical
PHYC410	THEORY	Current Electricity
PHYC411		Classical Mechanics
PHYC412	PRACTICAL	Practical
PHYC513	THEORY	Quantum Mechanics
PHYC514		Laser, Atomic Physics, Nuclear & Particle Physics
PHYC515		Analog Electronics (I), Digital Electronics (I)
PHYC516	PRACTICAL	Practical
PHYC617	THEORY	Statistical Physics
PHYC618		Solid State Physics
PHYC619		Analog Electronics II, Digital Electronics II
PHYC620	PRACTICAL	Practical

*Calculation of SGPA and CGPA based on 7-point scale :

Credit point (CrP) = GrP x Cr.

Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum (GrP \times Cr)}{\sum Cr} = \frac{\sum CrP}{\sum Cr}$$

Cumulative Grade Point Average (CGPA)

$$CGPA = \frac{\sum_{s=1}^n (CrP)_s}{\sum_{s=1}^n (Cr)_s}$$

(s is the number of semesters)

Grade and Grade Point Table :

CORE		
Grade	Marks in percentage	Grade Point
O	>=85	7
A+	<85 & >=75	6
A	<75 & >=65	5
B+	<65 & >=60	4
B	<60 & >=55	3
C	<55 & >=45	2
F	<45	1

ELECTIVE (THEORY)		
Grade	Marks in percentage	Grade Point
O	>=85	7
A+	<85 & >=75	6
A	<75 & >=65	5
B+	<65 & >=55	4
B	<55 & >=45	3
C	<45 & >=33	2
F	<33	1

ELECTIVE (PRACTICAL)		
Grade	Marks in percentage	Grade Point
O	>=85	7
A+	<85 & >=75	6
A	<75 & >=65	5
B+	<65 & >=55	4
B	<55 & >=45	3
C	<45 & >=40	2
F	<40	1



प्रमाणित किया जाता है कि संत जेवियर्स कॉलेज, राँची (स्वायत्त)
 के/की राजेश कुमार को, जिन्होंने अप्रैल, 2016 ई. में
 आयोजित त्रिवर्षीय स्नातक विज्ञान भौतिक विज्ञान प्रतिष्ठा परीक्षा में
 प्रथम श्रेणी में उत्तीर्णता प्राप्त की, आज यह उपाधि प्रदान की गयी।



RANCHI UNIVERSITY

This is to certify that **RAJESH KUMAR** *of*
St. Xavier's College, Ranchi (Autonomous) *passed*
Bachelor of Science Examination in Physics Honours
(Three Year Degree Course), held in the month of April, 2016
and placed in **First Class,** *this day admitted to the degree.*

Ranchi University, Ranchi

Dated : 13 NOV 2017

Kamini Kumar

Pro-Vice Chancellor