

ST. XAVIER'S COLLEGE, RANCHI

(An Autonomous College of Ranchi University)

Exam Held in April, 2016

GRADE CARD

Result Publication Date :08/06/2016

006

B.Sc.(Hons.)-Physics(2013-16) Programme:

13SPHY021620 CLASS ROLL NO. EXAM ROLL NO. STUDENT'S NAME :

RAJESH KUMAR

MOTHER'S NAME FATHER'S NAME

APARNA DEVI : JAIDEO KUMHAR



PS C	Group	Code	E RANCHI S	Gr (Se Dt	LEGE	SGPA	CGPA	S COLLEGE RANCH	ST AA	arned	E RANC	Ag . %	Semester
em	DALEGE BANCH ST	XAMER'S COLLEGE	E PANCHI S	LXVALE	IS COL	LEGE	RANCHI S	XAVIER	Academic	ST XA	Non-Acad.	Total	Att.	Result
I	Core RANCHI ST	PHYC101	49	A	50	4	5.40	5.40	Core	10	0	E RANC	96.8	R'S COLLEGE
rs c	OLLEGE RANCHI ST	PHYC102	58	A+	6	4	- H-	Section	a passage commi			ANC	HI ST XAVI	
es o	OLLEGE RANCHI ST	PHYC103	37	A	5	2	PANCHI S	XA) B	S COLLEGE PARKET		HER'S COLLEG	E ANG	HIST XAVE	
S	Electives	CHEE101	53	TAVIER	850	2	RANCHI S	XA' B	Electives	6	TER'S COLLEC	E ANC	HI ST XAVI	
28 0	OLLEGE RANCHI ST	CHEE102	18	T XAVIER	55c	LF 1	RANCHI S	XAV F	S COLL	2	COLLEG	E ANC	HIST XAVE	
RIS C	OLLEGE RANCHI ST	MATE101	81	A+	6	3	RANCHI S	XA F	S COL JE AND	ST X	TER TOLLEG	E AND	HI ST XAVI	
R'S C	OLLEGE RANCHI ST			TAAVIER	80		RANCHI S	XAY F	S COL EG! TANK	XA	R'S DILEC	E AND	HIST XAVE	R'S COLLEGE
RS (Language	MBEE101	E ANCH S	T XAVIER	19	1	RANCHI S	XA' F	Language	2	LEC LEC	E ANG	HI ST XAVI	
R'S C	GLLEGE RANCHI ST	NHNE101	22	C	2	1	RANCHI S	XA' F	5 AL 6 RA "		FR CL LES	E AND	HI ST XAVE	R'S COLLEGE
KS I	OLLEGE RANCHI S	MANUELLO COFFEE	E ANOHIO	THANE	-		SANCH C	- 02	S T A S SV TH	01 A	VIE CLUE	18	HI ST XAVI	RS COLLER
II	Core	PHYC204	55	A	5	4	5.60	5.50	Core	10	ar 1 Julie	E AND	96.1	
RS (OLLEGE RANCHI S	PHYC205	58	A+	6	4	RANCHI S	XX F	S COL EGL ANCH		RIF OLLE	E AND	HI ST XAVI	
RIS (OLLEGE RANCHI ST	PHYC206	39	A+	6	2	RANCHIS	XA B	S COLLEG AN		COLLEG	E AND	HI ST XAVE	
R'S	Electives	CHEE203	46	B+	4	2	RANCHI S	XA F	Electives	6	VIER'S COLLEC	E AND	HI ST XAVI	
R'S	OLLEGE RANCHI S	CHEE204	17	T AVIER	5	EGE.	RANCHI S	XA B	S COLUMN TOT DANCH	I S O A	VIER'S COLLEG		HIST XAVE	
R'S	OLLEGE RANCHI S		The second of		3	per jets, gen	RANCHI	XA .			MILLIO OUGAL	ANG	HI ST XAVI	
R'8 (OLLEGE RANCHI ST	MATE202	48	В	153	3	RANCHI .	- 5	S COLLEGE RANCH	STA	VIER'S COLLE	ANC	HI ST XAVE	
RS (Language	MBEE202	22	T XAVIER	KS.	LEGE	RAIL		Language	2	VIFR'S COLLE		HI ST XAV	
R'S	OLLEGE RANCHI S	NHNE202	27	BVIER	3	LEGE	DARIE.	F	S COLLEGE AT H		A'S COLLE	ANG	HI ST XAV	
NS (POLLEGE RANCH S	E MANIER'S COLLEGE	EL K S	T BE	S. M.	EGE	-		S COLLE RANGE	SEX	(IE & COLLE	19	HI ST XAV	RS COLLEP
II	Core	PHYC307	57	A+	6	4	5.60	5.53	Core	10	MER'S 1 ~ LE	RANG	97.7	
R'S	OLLEGE RANCHI S	PHYC308	54	A	5	4	671	P	S CULLIUE RANC	e XA	VIER - LLF	RANG	HI ST XAV	RS COLLEGE
R'8 (OLLEGE RANCHI ST	PHYC309	RA 39	A+	6	2	RA'	E SE	S CE I RANC		WIER TO L	E PANO	HI ST XAV	
R'S	Electives	CHEE305	RAN56	A+	6	2	RANCHI		Electives	6	VIERO 7	E RANG	HI ST XAV	
R'S	CLEGE RANGE S	CHEE306		A+	6	1	ANT II S	- XOL -	Liectives	0	C	SE O	ST NAV	
RS	OLLEGE RANCHI S		19				VCHI S	XAV	S COLLEGE HALL		HERST LL		ST XAV	
R'S	OLLEGE RANCHI S	MATE303	92	0	7	3	IC'	XAV	S COLLEGE RANCH	STA	VIER'S LLE	F ANK	ST XAVE	
R'S	Language	MBEE303	21 ER			1	ICHI S	CAV	Language	2	VIEF F	ANI	ST XAV	
R'S	COLLEGE RANCHI S	NHNE303	33	В	3	1	NC s	XAV T	S COLLEGE RANCH		VIF OLLI	E F	ST XAV	
NS I	TOLLEGE RANCH S	LANGERS COLL	E I ME C	Ÿ4.			ANCHI	YAW :	S COLLEGE RANCH	STX	8 30	19	ST XAV	R'S COLLEP
[V	Core	PHYC410	61	A+	6	4	6.20	5.70	Core	10	0	37 100	96.3	
R'S	OLLEGE RANCHI S	PHYC411	56	A+E	6	4	TAIL S	T XAV	S COLLEGE RANCH		ER'S THE	RAN	HI ST XAV	R'S COLLEGE
R'S	COLLEGE RANCHI S	PHYC412	45	0	7	2	ANCHI S	T XAV	S COLLEGE RAY	ST	n Cul	SE RAN	THE ST XAV	
RS	Electives	CHEE407	53	A	5	LE2	ANCHI S	TIXAV	Electives	6	V 7% 00 E	SE RAN	HI ST XAV	
RS I	CALEGE RANCHI S	CHEE408	20	A+/IF	6	1	HIS	T XAV	E COL		ERO LE	SE RAN	THI ST XAV	
RS	OLLEGE RANCHI S	T YAMER'S COLLEG			6	1 00000	NGr.	YAV	8 LGE WH		TR'S JULE	E RAN	HI ST XAV	
R'S	COLLEGE RANGHI S	MATE404	84	A+	8.00	3	OHI S	TXm	JULIER IN NO	TT.	VIEW COLLE	SE RAN	THE ST XAV	
RS	Language	MBEE404	28	TXA	K 1 23	1	ANCHI a		Language	2	y's coult	SE RAN	HI ST XAV	
R'S	COLLEGE RANCHI S	NHNE404	20	T BAVIE	3	LEGE	VNCHI S	T AVIE	THE POLLEGE R NO		VIER'S COLLE	SE RAN	THI ST XAV	ER'S COLLEGE
P'S	CHIEGE RANCHIS	XAVIER'S COLLEG	E BANCHI S	T XAVIE	ES L	LEGE	WCHI S	I WIE	CS COLLEGE R	X)	VIER'S COLLE	18	HI ST XAV	R'S COLLEP
٧	Core	PHYC513	86	0	7	5	6.50	5.97	Core	20	VIERS COLLE	SE RAN	97.1	ER'S COLLEGE
R'S	COLLEGE RANCHI S	PHYC514	80	A+	6	5	RANCHI	T VALUE	PE COLLEGE RANCH	I ST X	VIER'S COLLE	SE RAN	CHI ST XAVI	
RS.	COLLEGE RANCHI S'	PHYC515	82	A+	6	5	RANCHI S	T XAVIE	S COLLEGE RANCH	ST X	MIER'S COLLE	GE RAN	CHI ST XAV	
R'S	COLLEGE RANCHI S	PHYC516	89	0	7	5	RANCHI S	T XAVIES	S COLLEGE RANCH	ST X	WER'S COLLE	SE RAN	HI ST XAM	
R'S	Compulsory		E 84 65	T ANVIER	1500	2	RANGHI S	T XAVIE	Compulsor	II ST X	MERS COLLE	SE RAN	CHI ST XAV	
R'S	Compaisory	LVSLSUI	E RANCHI S	T XAVIER	rs col	LEGE	RANCHI S	T XAVIE	Compulsory	2	WIER'S COLLE	23	HI ST XAV	ER'S COLLEGE
25	TO LEGE RANCH S	DINGS	E RANCHI S	T XAVIER	VS. COL	LEGE	RANCHI S	TXAVE	COLLEGE RANGE	30 X	WIER'S COLLE	JE RAN	HI ST XA	ER'S COLLEGE
/I	Core MANCH	PHYC617	76		6	5	6.50	6.10	Core	20	0	SE RAN	94.7	
R'S		PHYC618	92	0	7	5	RANCHI S	T XAVIE	S COLLEGE HANCH	5 X	WER'S COLLE	GE RAN	CHI ST XAN	
RS		PHYC619	E RA 80	A+	6	5	RANCHI S	T XAVIE	PS COLLEGE RANCH	II ST X	MER'S COLLE	BE RAN	CHI ST XAV	
RS		PHYC620	88	0	7	5	RANCHI S	T XAVIE	S COLLEGE RANGE	ST X	WIER'S COLLE	SE RAN	CHI ST XA	
R'S	Compulsory	EVSE601		B+	4	2	RANCHI S	T XAVIE	Compulsory	2	WIER'S COLLE	SE RAN	CHI ST XAV	
R'S	COLLEGE RANCH S	T XAVIER'S COLLEG	E RANCHI S	T XAVIER	85 CO	LEGE	RANCHI S	T XAVIE	RS COLLEGE RANCH	ST X	WIER'S COLLE	22	CHI ST XAVI	ER'S COLL P
RS	COLLEGE RANCH S	T XAVIER'S CULLEG	E RANCHI S	T XAVIER	rs cul	LEGE	RANCH	T XAVIE	ES COLLEGE RANGE	I ST X	WIER'S COLLE	SE PAN	CHI ST XAN	ER'S COLLEGE
RS			E RANCHI S	T XAVIER	rs col	LEGE	RANCHI S	T XAVIE	R'S COLLEGE RANCH	STX	WIER'S COLLE	GE RAN	CHI ST XAVI	
R'S				T XAVIER	rs col	LEGE	RANCHI S	T XAVIE		ST X	WIER'S COLLE	GE RAN	CHI ST XAVI	
RS.	COLLEGE RANCHI S			T XAVIER		LEGE	RANCHI S	T XAVIE		I ST X	WIER'S COLLE	SE RAN	CHI ST XAVI	
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Full Marks of Core Subjects: 1600

Percentage

: 80.06

Marks Obtained : 1281

Pass / Grade : A+

Print Date: 13/06/2016 Printed by : TARAK

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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		Electromegnetic 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) = $GrP \times Cr$.

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	Grade
	percentage	Point
0	>=85	7
A+	<85 & >=75	6
A	<75 & >=65	5
B+	<65 & >=60	4
В	<60 & >=55	3
С	<55 & >=45	2
F	<45	1

EI	LECTIVE (THEO	RY)		
Grade	Marks in	Grade		
	percentage	Point		
0	>=85	7		
A+	<85 & >=75	6		
А	<75 & >=65	5		
B+	<65 & >=55	4		
В	<55 &>=45	3		
С	<45 & >=33	2		
F	<33	1		

ELE	CTIVE (PRACTI	CAL)
Grade	Marks in percentage	Grade Point
0	>=85	7
A+	<85 & >=75	6
Α	<75 & >=65	5
B+	<65 & >=55	4
В	<55 & >=45	3
С	<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 मौतिक 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: 1 3 NOV 2017

Kamini Kumar Pro-Vice Chancellor