

Roll No: LXPR2B011 Course: PHYSICS (M.SC. 5Y)

PROVISIONAL AND INTERIM

STATEMENT OF GRADIS OBTAINED FOR THE 10 SEMESTER INTEGRATED COURSE IN SCIENCE LEADING TO THE AWARD OF BACHELOR OF SCIENCE (HONOURS) AND MASTER OF SCIENCE Name: ARNAB BARMAN RAY Veer of Administra:



Year of Admission: 2013-2014 Year of Graduation:

Seme	Semester 1					Series	sester 2	
Subro	Name		LTP	CRD	CKD	Sab	Subno	ш
ME:19001	-	NTRODUCTION TO MANUFACTURING PROCESSES	0.0-3	2	*	PHIL	1000	-
EABB	Г	EXTRA ACADBARC ACTIVITY-2	603	a		MILE	11001	-
MAJOROT		MATHEMATICS	3-1-0	4	KX.	MAL	1000	-
HS13601	_	NOLISH YOR COMMUNICATION	3.0-2	9	*	EVE	2900	-
EE:19001	ELECT	TUCAL TECHNOLOGY LAB.	000	ex		100	1000	-
EE:11001	EFFC	LECTRICAL TRUBACLOCY	3-1-0	4	c	Ö	3100	-
CV18001	001 CHEMISTRY	TRV	21-0	4	*	200	3000	_
CYPRON		CHEMISTRY LAB.	600	Pi	*	1		+
	For Semester	SGPA: 8.73	CGPA: 8.73	57.3	_	5	CSIMIN	∃ 6

Subno	Name	LTP	CRD	GRD
PHILIDRE	HYSICS	3-1-0	7	O
3/20110001	MINCHARGE	3-1-0	4	U
254,190,02	MATHEMATICS-#	3-1-0	7	м
EABORE	ECTRA ACADEMIC ACTIVITY: II	0-0-3	0	h.
PHENOM	PRYSICS LAB.	0.0.3	2	X
CS19888	PROGRAMACING AND DATA STRUCTURE LAB.	0.00	2	۵
CEIDH	ENCINEERING DRAWING AND COMPUTER GRAPHICS	1-9-3	8	80
CSITHOL	PROCRAMMING AND DATA STRUCTURE	3-1-0	4	æ
For	For Semester 2 SC2PA: 7.65	CGPA: 8.18	8.18	Г

Success	(Value)	LIP	CKB	CRD
PH300007	CLASSICAL MECHANICS-I			<
MS30007	MATERIAL SCHOOL	3.0.0	1	٧
P18030803	PHYSICS-II	3-3-0	+	4
EA10805	EXTRA ACADEMIC ACTIVITY-UII	644	0	۵
MAZBERS	TRANSFORM CALCULUS	240	_	æ
P1029961	CENERAL PROPERTIES & THERMAL PROSESS LAB	0.0.0	*	٧
PERMIT	BLECTRODYNAMCS-I	3-3-0		EX

SGPA		
or Semester 2		Name
For	Semister 5	Subno
7		CED
		CKD
		T.T.P

3-6-6	CHED	Subbio	Name
1990	Y	P9648918	QUANTUM MECHANICS-III
	80	P844808	MATHEMATICAL METHODS JI
31.0	C	P844012	COMPUTATIONAL METHODS
9.00	٧	173541016	NUCLEAR & PARTICLE PHYSICS LAB I
3-0-0	В	PH48012	COMPUTATIONAL PRYSICS LAB.
3.0.0	C	PH31008	ELECTROMAGNETISM & OPTICS LAS - III
34.0	٧	PR36082	COMPHENSIVE VIVA VOCII - 1
CCBA-8 53	_	P3843016	NUCLEAR AND PARTICLE PHYSICS -1
CONTRACTOR OF		PH43014	CONDENSED MATTER PHYSICS-1
		For	For Semester 6 SGPA: 8.82

	Semister 5				
SED	Subse	Name		LTP	2
	715,39003	BLECTRONDCS LAB.		0-9-3	ci
×	PH31089	BLECTRONICS FOR PHYSICISTS	HYSICISTS	240-0	-
×	P931013	MATHEMATICAL METHODS I.	THODS	3110	-
	P1031068	NURCTROMMONETER	LECTROMAGNETISM & OPTICS LAB - II	9-0-0	*
	PROTOTI	QUANTUM MECHANICS I	ICSI	3-0-0	4
	PH31083	ELECTRODY/NAMICS-II	-	34-0	140
×	19030007	CLASSICAL MECHANICS-II	ACS-II	30.0	-
Ţ.	For	For Semester 5	SGPA: 8.09	CGPA: 8.5	2

L-T-P	CKD	Semno	GRD
SIANICS & GLANTLIM 3-1-0	a	7	
	The same of the same	The said a delister of Principle	

CGPA: 8.57

onqu	Name	L-T-P	CRD	GRD
1340019	MICLIAR AND PARTICLE PRYSICS LASHE	040	-	XX
15141004	OPTICS	3-0-0		XX
EP-90022	TECHNOLOGY ENTREPREMERSHIP	3-1-0	-	8
Elebent	CONDINSED MATTER PHYSICS LAB I	900	*	٧
P\$641923	STATISTICAL PHYSICS-I	3-1-0	*	=
PH41019	NUCLEAR AND PARTICLE PHYSICS -III	3-0-0	3	٧
PER41017	CONDENSED MATTER PHYSICS-II	3-0-0		٧

CGPA: 8.63

SGPA: 9.08

For Semester 4

Total Credit Cleared: 158 Total Credit Taken: 158 Upto Semester 7

CGPA: 8.61

CGPA: 8.61 SGPA: 8.91 For Semester 7

RESTANDED PROGRAM (W. wil.) 1989)
Assistant Registra (UGS)
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ARISEN REGERAL (GSS) replective Alemann

Date of Issue: 7 Feb 2017

GENERAL INFORMATION

- Abbreviations used in the grade card stands for:
- LTP = Lecture, Tutorial, Practical; figures shown under this column indicate weekly contact hours prescribed for the Subject
- RD = Credit carried by the Subject
- GRD = Grade obtained by student in the Subject
- CGPA = Cumulative Grade Point Average
- 'A = Grade Point Average

SGPA = Semester Grade Point Average

- English is the medium of instruction at all levels.
- Extra Academic Activity (EAA) subjects include NCC, NSS and NSO.
- The seven point letter grade system followed by the institute in assessing student's performance in a subject is as follows:

Fail	Pass	Average	Fair	Good	Very Good	Excellent	Performance
T	P	0	C	60	A	R	Letter Grade
0	5	6	7	eo	9	10	Grade Point Value Per Credit

- Highest possible CGPA in the system is 10.00. No rank or class or division is awarded. No system exists for conversion of letter grades into percentage of marks.
- .6
- (6) A student is awarded a B.Tech. (Hons.)/B.Arch. (Hons.)/Dual Degree B.Tech. (Hons.) and M.Tech./ Integrated B.Sc.(Hons.) and M.Sc. / 2Yrs. M.Sc. on completion of the curricular requirement with a minimum CGPA of 6.09.
- (ii) The credits and grades obtained in additional subjects optionally taken by a student on satisfying the prescribed conditions do not contribute towards the CGPA.
- (iii) The CGPA obtained by a student in additional subjects is computed separately. For the award of MINOR degree in a particular discipline, the credits and grades of the additional and other subjects that are taken into account are separately indicted along with the computed GPA.
- (iv) Minimum GPA for a Minor in any discipline is 6.00.
- 7. Duration of Course

Minimum duration of the B.Tech. (Hons.)/B.Arch (Hons.)/ Dual Degree – B.Tech. (Hons.) and M.Tech.(or MBA)/ B.Sc.(Hons.) and M.Sc. degree is given on the front cover page. However with the approval of the Senate a slow paced student may take more semesters to complete the degree requirement.

INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR INDIA (721302)



Statement of

ACADEMIC PERFORMANCE

Four Year Programme

Bachelor of Technology (Honours)

Five Year Programme

Bachelor of Architecture (Honours)

Master of Science (Five Year Integrated Course)

Bachelor of Technology (Honours) &

Master of Technology/MBA (Dual Degree)

Two Year Programme

Master of Science