

Indian Practical Credential Evaluation

NAFSA Region X 8 November 2010

Timothy J. Kell
Educational Credential Evaluators, Inc.
www.ece.org
tkell@ece.org

Note: This presentation is available for download at : http://www.ece.org/Presentations





Ganesha

The "Eliminator of Obstacles"



India at a Glance

- Population (2010)1.2 billion
- Number of universities (2009): 353
- •Number of students studying in Indian universities (2007): 13.9 million
- Number of Indians studying in U.S. universities (2009): 103,260
- Indian students make up over 15% of all foreign students studying in the U.S.
- 50% of India's population is below age
- ■35% of India's total population is illiterate





Secondary Degree Structure

Standard X Examinations

- Students prepare for the examination during their 9th and 10th years of secondary education
- Common Examination Names:
 - Secondary School Examination
 - Secondary School Certificate
 - Matriculation Examination

Standard XII Examinations

- Students prepare for the examination during their 11th and 12th years of secondary education
- Common Examination Names:
 - Higher Secondary School Certificate
 - Higher Secondary School Leaving Certificate
 - Senior School Certificate
 - Pre-University Examination
 - Intermediate Examination

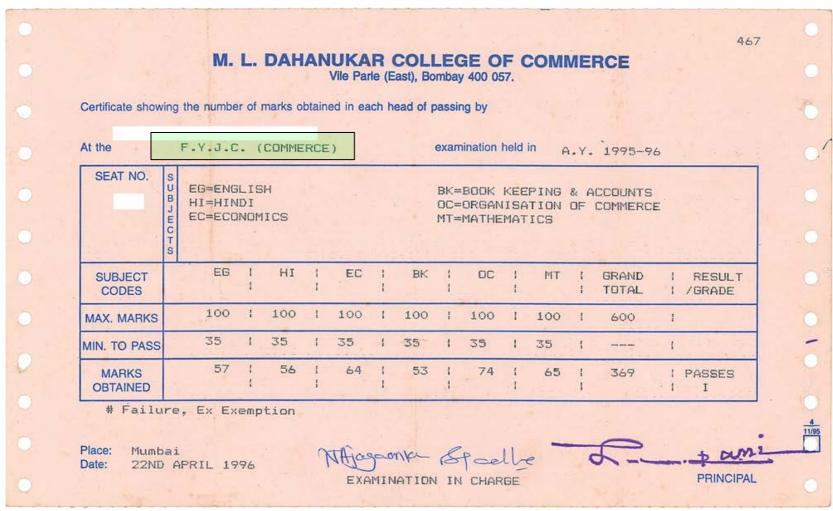


Secondary Documentation

- Students receive a <u>Certificate</u> and/or <u>Marks Statement</u> after passing the Standard X examination, and again after passing Standard XII.
- Request documents for both examinations for a complete picture of secondary level achievement.
- Official documents should always be issued by the recognized state or central examination board, or a university that conducted its own exam.
- Some schools may issue documents after the 9th and 11th grade years, but they are generally not considered official inside India.



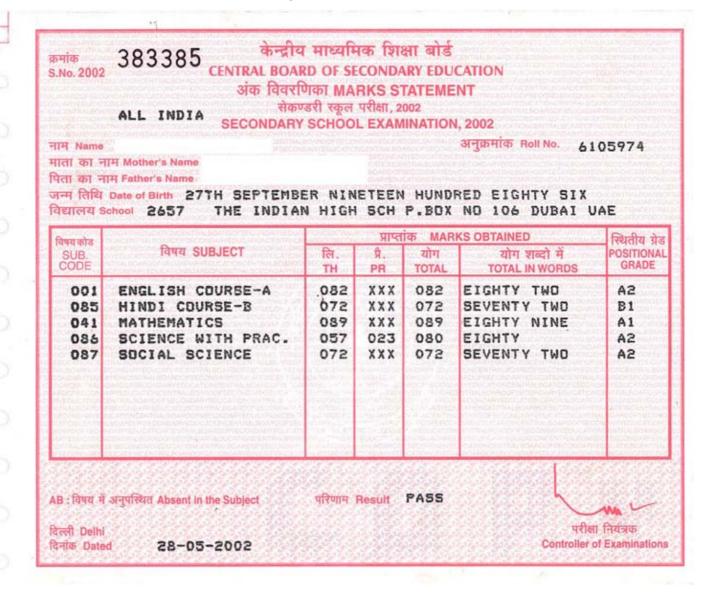
Not All Work Completed at a College is University Level!



Many colleges offer secondary level curriculum referred to as "junior college", work. This 11th grade internal examination was preparation for the Maharashtra State Board Higher Secondary Certificate Examination.

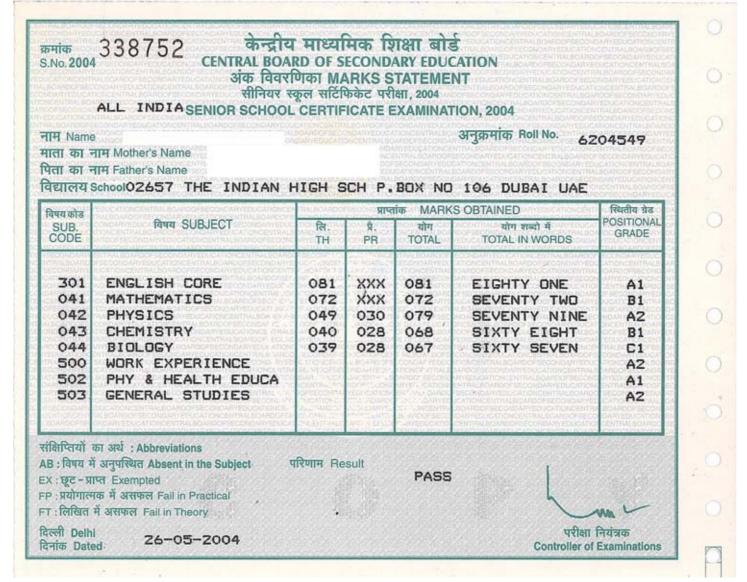
CREDENTIAL

Sample Central Board of Secondary Education Docs





Sample Central Board of Secondary Education Docs





100 7

Secondary Grading

■ Most secondary education in India uses the standard scale:

First Class: 60% - 100%

Second Class: 50% - 59%

Pass Class: 40% - 49%

Condoned Pass: 35% - 39%

Using the example on the right, remember to convert marks obtained to percentages before applying the equivalent grading scale.

DEPARTMENT OF GOVERNMENT EXAMINATIONS. MADRAS 600 006

HIGHER SECONDARY COURSE CERTIFICATE

GENERAL EDUCATION

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

Certified that

appeared for the MAR . 1989

Higher Secondary Examination and obtained the following marks:

SUBJECT	MARKS OBTAINED FOR 200						
TAMIL	146 DNE	FOUR SIX					
ENGLISH		FIVE SIX					
MATHEMATICS	172 ONE	SEVEN TWO					
ELEMENTS OF ECONOMICS	161 ONE	SIX ONE					
ELEMENTS OF COMMERCE	174 ONE	SEVEN FOUR					
ACCCUNT ANCY	173 ONE	SEVEN THREE					

GROUP CODE 622

0ATE OF BIRTH REGISTER NO TMR CODE NO. & DATE
10.03.72 763633 G130563 C1.06.89
SCHOOL

NKT NATIONAL G ESS TRIPLICANE

INIMUM FOR A PASS : 70 MARKS OUT OF 200 IN EACH SUBJECT. THIS INCLUDES PASSING UNDER

THE COMPARTMENTAL SYSTEM ALSO

R. William Secreta

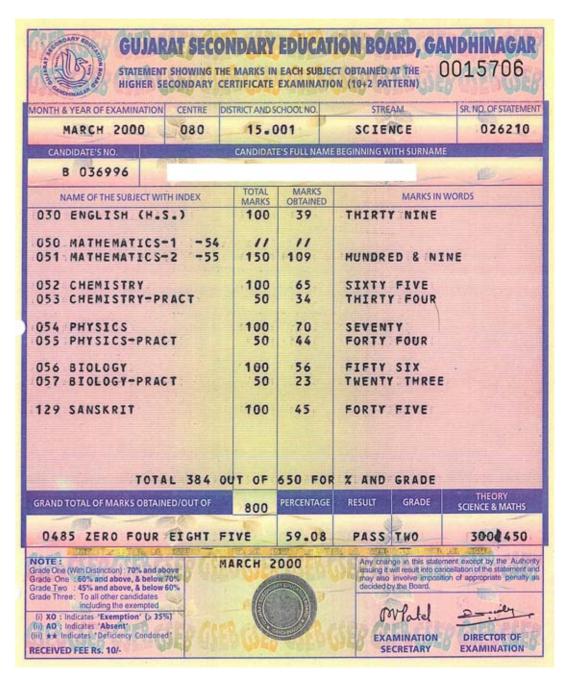
BOARD OF HIGHER SECONDARY EXAMINATION

Candidate's Signature



Secondary Grading

- This Gujarat HSCE lists grading information on the bottom left of the document.
 - Grade One (With Distinction)70% and above
 - Grade One 60% - 69%
 - Grade Two 45% 59%
 - Grade Three all passing grades below 45%

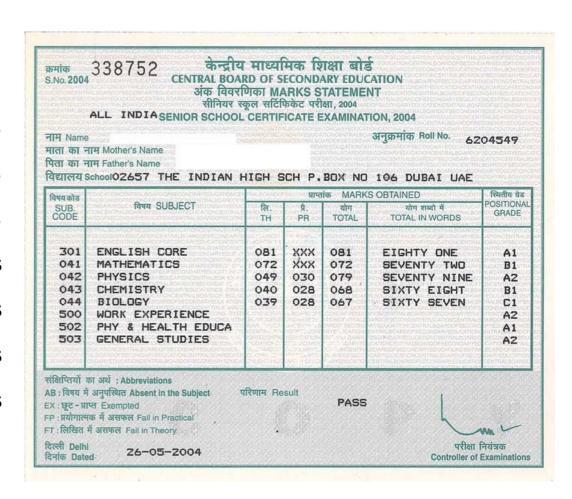




Secondary Class Ranking

Central Board of Secondary Education

- A-1 Top 1/8th of the passed candidates
- A-2 Next 1/8th of the passed candidates
- B-1 Next 1/8th of the passed candidates
- B-2 Next 1/8th of the passed candidates
- C-1 Next 1/8th of the passed candidates
- C-2 Next 1/8th of the passed candidates
- D-1 Next 1/8th of the passed candidates
- D-2 Next 1/8th of the passed candidates
- E Failed candidates



CREDENTIAL

The nation wide central boards, especially the Central Board of Secondary Education have the reputation as being the most rigorous examination boards in India, and typically attract the strongest students.

Tertiary Education in India

- Indian education has its roots in the British system, inherited after 1947 independence. The oldest Indian universities, Madras (now Chennai), Bombay (now Mumbai) and Calcutta (now Kolkata) were founded in 1857.
- Like Britain, India is an external examinations-based system.
- At the tertiary level, students generally study (often externally at affiliated colleges) in order to prepare for semester or year end examinations conducted by a university.
- Passing the successive examinations is the main (often only) requirement for a student to progress and qualify for a degree.



Examinations Based System

- Students are primarily assessed by semester or year end examinations.
- Educational reforms have places more emphasis on "internal" or "sessional" grading in the classroom throughout the term.
- Examinations consist of a set group of subjects or "papers". Students have little if any choice of elective coursework.
- Students must pass all examination papers to clear that examination.
- A student who has cleared all examinations is fully eligible to receive their degree. (Except in dentistry and medicine programs where an internship is required after the final term examination is cleared.)



Colleges vs. Universities

Universities

- Establish the curriculum taught by the affiliated college
- Usually conduct the semester or year end examinations
- Always award the degree
- The largest universities have hundreds of affiliated colleges

Colleges

- Are responsible for the actual day to day classroom instruction
- Colleges affiliate to a single university, determined by geography and field of study
- Vary widely in size and scope- many specialize in only one area of study

Autonomous Colleges

- Authorized by the UGC to create their own admission standards, curriculum, and assessment methods
- Conduct their own examinations, which lead to a degree issued by the university they affiliate to



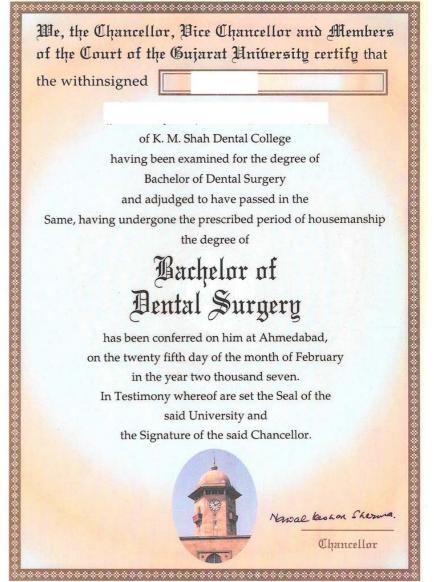
Always Request a Complete Set of Documents

- Having a <u>complete</u> set of the <u>right</u> documents is essential when preparing credit and grade equivalences.
- A complete set of document ensures that you have the complete picture of how a student has performed academically.
- Always request:
 - 1)A complete educational history
 - 2)Degree and/or Provisional Certificate for each program
 - 3)Statements of marks, issued by the university, for every attempt at every examination, even if an examination was failed and re-taken or if marks from an earlier examination or attempt appear on a later statement of marks.
- Do not accept:
 - 1)Consolidated marksheets
 - 2)College issued transcripts
 - 3)College issued marksheets (with the exceptions previously noted)



Degrees

- Always issued by the university
- Awarded at the Convocation Ceremony, which is often held months after a student finishes their program
- A student may not receive their bachelor degree if they continue in a master degree program at the same school. The degrees are issued simultaneously after final completion.





Understanding Degree Classification

- Academic achievement is officially recognized by the degree "Class" or "Division".
- Generally, degrees are classified as follows:
 - First Class with Distinction
 - First Class
 - Second Class
 - Third / Pass Class
- Class is determined by examination scores.
- Most degree classifications are awarded based only on the final year examination, not the entire program. <u>Therefore, it is not</u> accurate to treat the overall degree classification as a shortcut for a US grade point average.



Dissecting a Degree

Determine the Following Items:

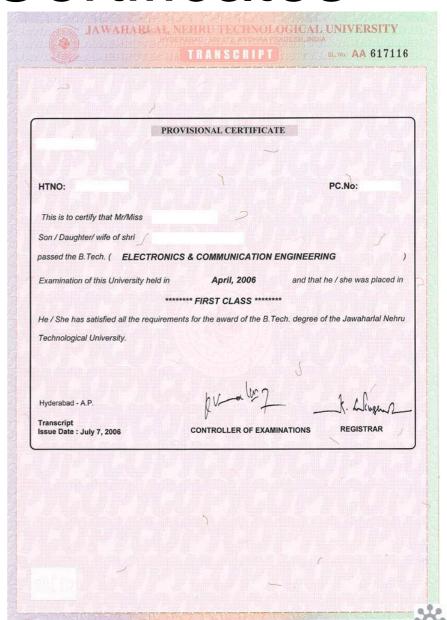
- University awarding the degree
- Name of the degree
- Date of the final examination (if listed)
- Date the degree was awarded
- The degree class / division



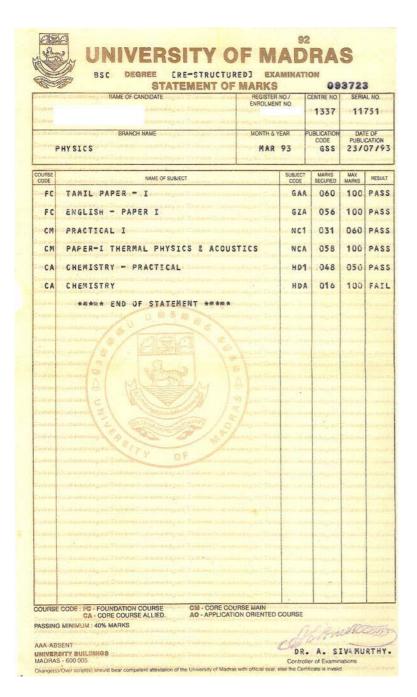


Provisional Certificates

- Should only be considered official when issued by the university
- Confirms successful completion of the final year examination
- For recent graduates, can be considered an official degree substitute
- Caution! May not confirm completion of all degree requirements
- Eg: Dentists need to complete a one year internship after their final examination before they are eligible to receive the Bachelor of Dental Surgery degree



Marksheets



- Are the official documents that give students their examination results
- Should always be issued by the institution that <u>examined</u> the student
- The university always conducts examinations, with the exceptions on the following two slides.
- Always request marksheets for all attempts at all examinations, even failing attempts



Exception #1: Autonomous Colleges



SAROJINI NAIDU GOVT. GIRLS P.G. COLLEGE, SHIVAJI NAGAR, BHOPAL

(AUTONOMOUS COLLEGE DULY RECOGNISED BY UGC)

Parent University: BARKATULLAH UNIVERSITY, BHOPAL, MADHYA PRADESH (INDIA)

STATEMENT OF MARKS

MARKSHEET NO.:501805

EXAMINATION: B.A. PART TWO

NAME :

ENROLMENT NO. : C-6256

ROLL NO.

FATHER:

REGULAR MOTHER:

		-					1				
SUBJECT / PAPER		SCI	HEDULI	E OF M	ARKS			M	ARKS	OBTAINED	
SUBSECT / PAPER	IA	1	11	III	MAX	MIN	IA	1	11	111	TOTAL
						1	T		-		
ECONOMICS	060	070	070		200	066	038	044	048		130
-				A						74	
							-				
ADVERTISING	1	050			150	050	039	032	033		104
SALES PROMOTION & S					1		1			13	
			10 00000	• • •	050	017		• • •	• • •	• • •	042
SALES PROMOTION & S	ALES	MNGT	•								
PSYCHOLOGY	050	050	050		150	050	033	040	032		105
- PSYCHOLOGY PR	27.00				050	017					046
raremoned			10.00	0.000	000	01.	1		21.565		***
FOUNDATION COURSE	060	070	070		200	066	047	037	058		142
I - HINDI LANG.											*
II - ENGLISH LANG.											
							1 .		14.1		¥ 5
9											

	[FIVE	HUNDRE	D SIXT	Y NINE	OUT OF	800]	1	*	TOTAL	569/800
M	FIRST	YEAR	SECON	D YEAR	THIRD	YEAR	GRANI	TOTAL	RESULT	DIVISION
R	TOTAL	OUT OF	TOTAL	OUT OF	TOTAL	OUT OF	TOTAL	OUT OF	NESOLI	DIVISION
K	547	800	***	***	***	***	***	***	PASS	

S.N.G.G.P.G. COLLEGE BHOPAL

2 8 MAY 4004.

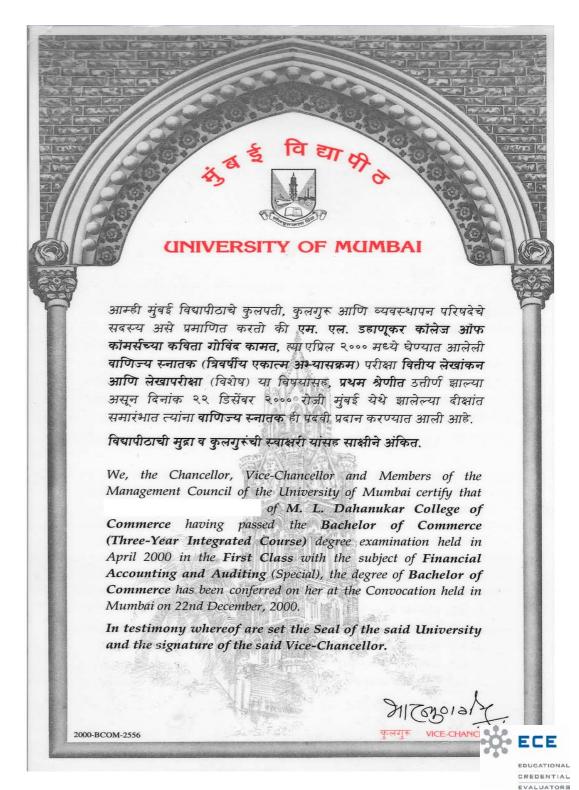
CONTROLLER (EXAM) S.N.G.G.P.G. COLLEGE

- 359 autonomous colleges have authority to conduct all of their own examinations
- List available at: www.ugc.ac.in/inside/auto college.html



Exception #2: Colleges Affiliated to the University of Mumbai and the University of Gujarat

- Due to size and logistics, two of the largest universities, Mumbai and Gujarat, authorize their affiliated colleges to conduct <u>some</u> of their examinations
- However, affiliated colleges <u>never</u> conduct the final examination
- The university <u>always</u> issues the degree.



Colleges Authorized to Conduct Examinations



UNIVERSITY OF MUMBAI

M. L. DAHANUKAR COLLEGE OF COMMERCE

DIXIT ROAD, VILE-PARLE (EAST), BOMBAY 400 057.

CERTIFICATE showing the number of marks obtained by

in each head of passing at the

16-May-1998

F Y B Con

examination held in

Mar-1998

PRINCIPAL

1207	UBJECTS	02 - B	oundation Business (Business E	Commnn.		0:	5 - Maths 5 - A/c.	8. & St. & Fin.	ats.(L.L Managemo) ent I
Subject Code		01	02	03	04	05	06	07	Total	Remarks
Maximum Marks Minimum to Pass		100 35	100 35	100 35	100 35	100 35	100 35	100 35	700	
Marks Obtained	T\$ F\$	020 039	016 037	019 028	015 035	015 021	019 040	021 036	F COMMEN	
	Ttl	59	53	47	50	36	59	57	361	II Class

Checked by

& - 0.224, # 0.229 A/B, Abs - Absent, F - head of failure, Ex - Exempted , + Marks Carried



Colleges Authorized to Conduct Examinations



UNIVERSITY OF MUMBAI

M. L. DAHANUKAR COLLEGE OF COMMERCE

DIXIT ROAD, VILE-PARLE (EAST), MUMBAI 400 057.

CERTIFICATE showing the number of marks obtained by

5178 : /

in each head of passing at the

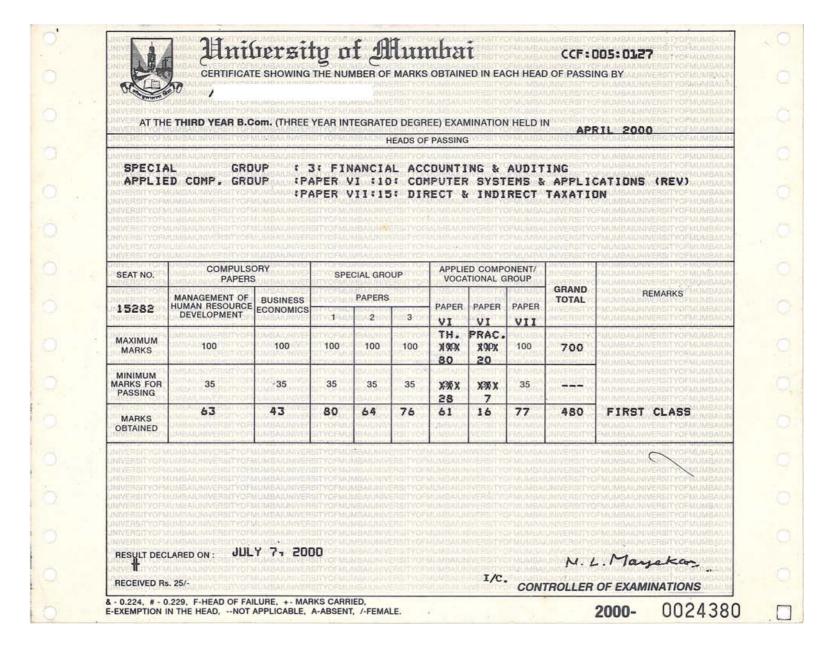
S. Y. B.Com

examination held in March 1999

		TERMINAL			PROJECT/ASSGN.			FINAL			TOTAL		
SUBJECTS	Max. Marks	Min. Marks	Marks Obtained	Max. Marks	Min. Marks	Marks Obtained	Max. Marks	Min. Marks	Marks Obtained	Max. Marks	Min. Marks	Marks Obtained	
Foundation Course II	30	06	22	-			70	14	38	100	35	60	
Business Economics II	30	06	14	-	-		70	14	35	100	35	49	
Bus. Env. & Development	30	06	12	-	-	-1-	70	14	35	100	35	47	
Business Law	30	06	09	-	-		70	14	29	100	35	38	
A/C & Fin. Mgt. II	30	06	15	-	-		70	14	43	100	35	58	
Advertising	30	06	16	-	5 - 1 -	-	70	14	39	100	35	55	
- 0.224, # 0.229 A/B, Abs - Absent, F - head of	failure, E	Ex - Exer	npted, + Ma	ırks Carr	ied			Dental	GRANI TOTAL			307	
									REMA	RKS		II Class	
29-April-1999			J.	pepal				The state of the s	Ao	4		anga NCIPAL	

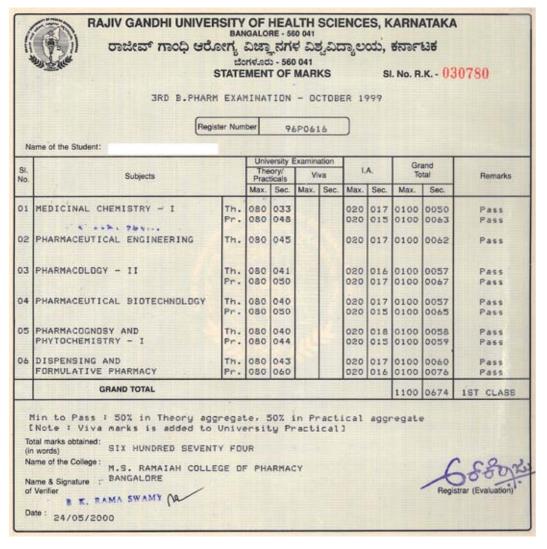


Colleges Authorized to Conduct Examinations





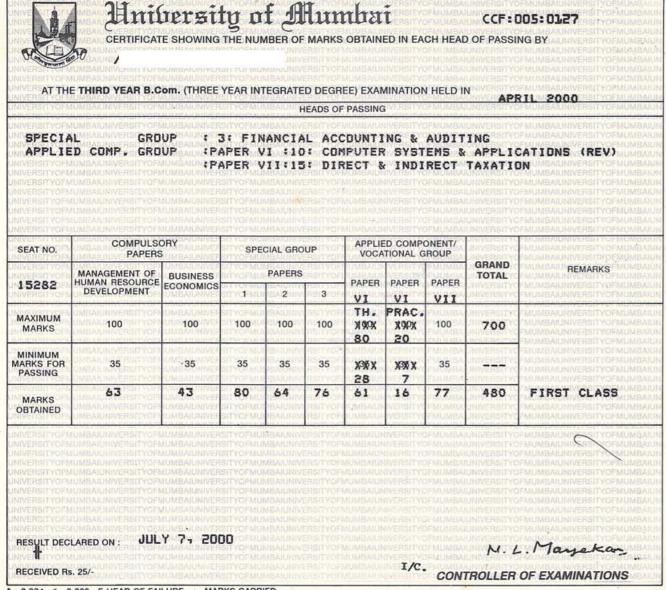
Understanding Marks....



- Each exam subject is scored out of a maximum number of marks, which may vary from 25 to 200 or more. A student must meet a minimum number (or percentage) of marks in each subject as well as a minimum number in the examination as a whole.
- Marks are not an absolute or transferable value. Marks are generally relative only to other marks in the same degree program at the same school.
- For example, the examinations for a three year Bachelor of Arts program might total 5000 marks, while a four year Bachelor of Engineering program at the same school might total only 1200 marks. There is no "universal" conversion.



Dissecting a Marksheet



Determine the Following Items:

- The specific exam
- The date of the exam
- Course titles / papers
- Course breakdown (Theory vs. Practical & Internal vs. External)
- Maximum marks per paper
- Minimum passing marks per paper
- Minimum aggregate passing marks
- Marks obtained per subject
- Class / Division awarded
- Other miscellaneous grading / notation info



Consolidated Marksheets

- Show a single page summary of the final, passing grades for all examinations
- Caution! Consolidated should not be used by themselves, as they usually omit failed examination attempts.
- Instead, request and use the individual statements of marks.

GPA prepared from a Bachelor of Engineering Consolidated Marks Statement

=2.81



	Did the dominated the total	10	-	1000			And the second second	v. Million	0 - 0		_
	I SEMES	TER	14		IV	YI	EAR II SEMESTER				
1 2	OPERATING SYSTEMS COMPUTER NETWORKS	14	28	42 56	4		CELLULAR & MOBILE COMN. RADAR ENGINEERING	18	36 28	54	4
3	TV ENGINEERING	14	33	47	4		PROJECT & SEMINAR #	39	146	185	8
4	OPTICAL COMMUNICATIONS SATELLITE COMMUNICATIONS	17	35	52 44	4		20				ŀ
6	DIGITAL IMAGE PROCESSING	12	28	40	4		A Section of the contract of t	12 C-16			1
7	DIGITAL SIGNAL PROCESSING LAB MICROWAYE&OPTICAL COMM. LAB	20	38 35	58 55	2				18		

(# Project Internal = 40, External = 160)

Aggregate Marks Secured for 212 Credits: 2831

OUT OF 5075 (55.78 %





Individual Marksheets

GPA prepared from the individual marksheets submitted by the same student

=2.11

*This student took 17 attempts to pass 7 examinations. The consolidated statement indicated no failures.





College-Issued Transcripts

		COLL	EGE	RE	CC	ORD		
			RANSO					
(To be	tilled (By Type) out by Colle	ege Use one or	r more s	heets	for each i	nstitution	ittended)
Name of Ap	plicant		rline Family We	anda / Or	1400000	03		
PACI	Name	and Address of Insti	tution at which	h course	studie	ed below	were taker	
LOW THE RESERVE		institution)	2004	(To	wn or	City)	(State)	(Country
Date of Entr		(Month)	(Year)	Date of L		(Mont		(Year)
		or degrees received					NO. OF THE PARTY NAMED IN	
850	COND	YR. B. D. S.	e month and y	PASSED		DI NOC	GUST	a 2005
begin	nning sti	all the information requ	tes (U.S.A.) / Ca	anada / N	ewzea	land / Aus	tralia / U.K.	Germany, Ent
-		hronological order. An	evaluation will					
Period which sub		400		N	umber	Lectures	Lab/Pract.	Examination passed with
From From	To To	Subj	ects		fonths taken	Reception Theory (Time)	filed work of Drawing (Time)	marks obtaine & percentage (%)
JULY	AU3.	SECOND YR.	8. D. S.	ENAME	ia		11000	
2004	2005	l. General Po	thology	û	10	75	120	121/200
		2. Human Ore Includia Histol	ng . Epp. (-	70	40	90	139/200
		3. General & Pharmaco Thrape,	ology &	1	10	40	120	130/200
		Result	P_A_S	_8	T	OTAL s	-	385/600
		Attempt	60 FIRST	5.80				65.63
17.			a BNGLXI			WANT	AN OUT	
		Exam. by Result Dt.	: UNIX.		06	mones 01	MIPUR.	
		wearite act	Toen	g/las	0.04			
						0		
	4 0 1	of the	11.11	s	ignatur		the	
Official Rour	No. of Lot, House, etc., in case, the lot, the l			0	fficial '	Title	Principo	COLLEGE
Official Rour	RETTR	1)		11 20				
Official Rour	ST ST			A	dd. (O ignatur	ft.) PACIFI	UDAIPU	P .

- Many colleges will issue "transcriptstyle" documents, which are not valid for official use in India
- In some cases, these may be the only sealed documents a student can obtain.
- Remember though these documents are not issued by the body that conducted the examination.
- College-issued transcripts almost never include information on failed examination attempts.



Always Request a Complete Set of Documents

- Having a <u>complete</u> set of the <u>right</u> documents is essential when preparing credit and grade equivalences.
- A complete set of document ensures that you have the complete picture of how a student has performed academically.
- Always request:
 - 1)A complete educational history
 - 2)Degree and/or Provisional Certificate for each program
 - 3)Statements of marks, issued by the university, for every attempt at every examination, even if an examination was failed and re-taken or if marks from an earlier examination or attempt appear on a later statement of marks.
- Do not accept:
 - 1)Consolidated marksheets
 - 2)College issued transcripts
 - 3)College issued marksheets (with the exceptions previously noted)



Clues That You Are Missing Attempts

- The dates on the examinations do not follow the expected sequence.
- The examination is titled "Supplemental".
- The marksheet lists the dates of previous passing attempts next to some subjects.
- Some subjects have a notation indicating they were "carried forward" from a previous examination.
- Some subjects have a notation indicating they were previously passed.

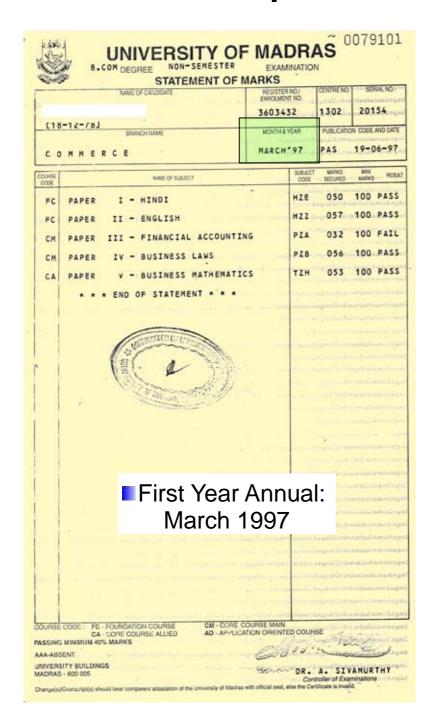


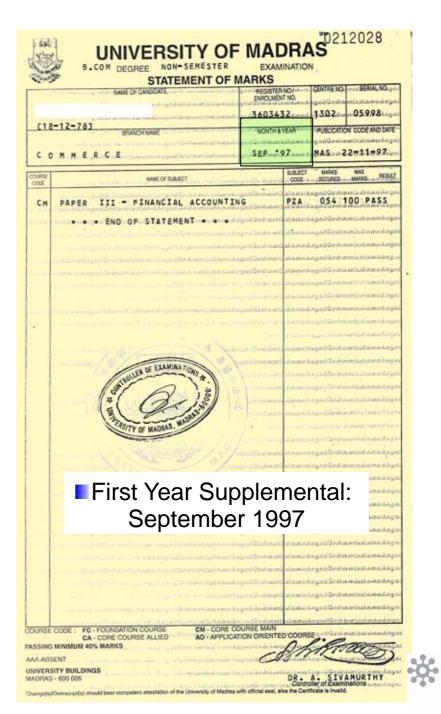


Exam Dates and Structure

- Students first sit for the Annual exams. If one or more subjects are failed, the student returns for the Supplemental exam. In rare cases, supplemental attempts may be held in conjunction with the following year annual attempt.
- In the yearly system, Annual attempts are usually held in the summer (April/May/June) and Supplemental attempts in the winter (Nov/Dec/Jan).
- In the semester system, odd semester (I, III, V, VI) exams are usually conducted in the winter and even semester (II, IV, VI) exams in the summer.
- Carefully check the dates and sequence of all exams. Exams taken out of the expected sequence often indicate a failed previous attempt.
- Supplemental mark sheets may show results only for the subject reattempted, or may include the previous passing results for all subjects.

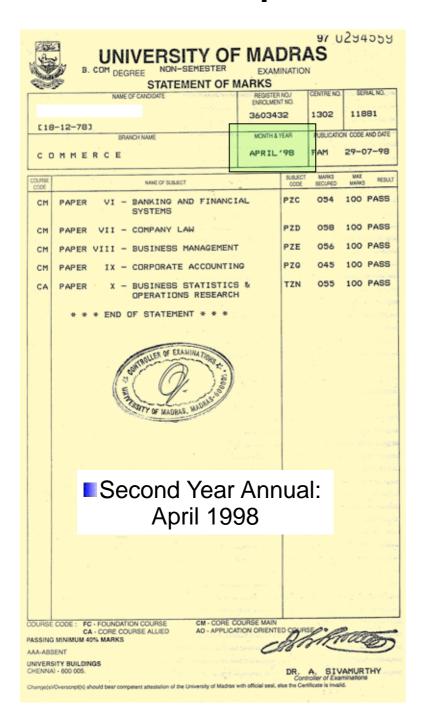
A Complete Set of Mark Sheets!

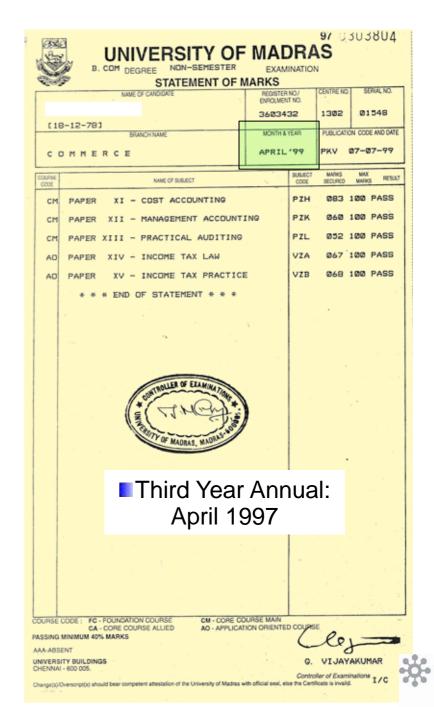




CREDENTIAL

A Complete Set of Mark Sheets!





CREDENTIAL

Dates Out of Sequence

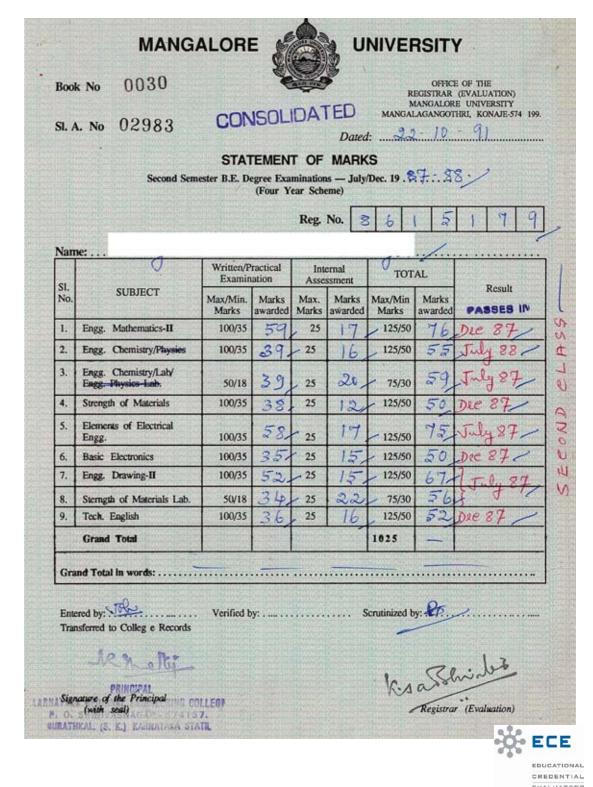
S.	1095 No		150 Poll 1	No.	62
	Panjal	Hni			
	RESULT-cum-DI				
	Sc. (Hons, School) (Annu			200	
	st/Second Year Examina	tion		J9n_	, 1994.
	ther's name: Shri				
Mo	other's name : Mrs				
0.1	Det	ail of Ma	rks Marks	Minimum	Maxi-
Sr. No.	Subject	Paper	obtained	pass marks	mum marks
1.	PRELIMINARY English—A		105	80	100
	English—B				100
	SUBSIDIARIES :		139	86	200
2.	Physics.				
3.	math		89	80	200
STATE OF	7 36.37				
5			-		
4.					
	MAJOR	-			400
5.	cerencistry.		196	160	
			1		
6.					
		7			
				\-	
7.				1	
8.	Total				
9.	Marks of 1st year		522	400	1000
10.	Grand Total				
11.	Total credits carned		40	-	

Sr.	No. 1108		Roll	No 19	157
	Panjab	Hnif	ersity	1	
	RESULT-cum-DET		approximate and		
	Se. (Hous, School) (Annual	The state of the state of	The state of the s	Limins	0
	st/Second Year Examination	on	- Ians	uary-	, 1999.
	ther's name : Shri				
Mo	other's name : Mrs				
Sr. No.	Subject	Paper		Minimum pass marks	Maxi- mum marks
1.	PRELIMINARY English—A				100
	English—B			No options	100
	SUBSIDIARIES :		8.3	80	200
2.	. Math		- //	~	
-	Philain		98	80	200
3.	Physics.				
4.	10 1 1 1 1 E				
	MAJOR	I	40	40	100
5.	Chamistry	II.	42	40	100.
		B	40	40	100
6.		E	40	40	1000
		PVI	65	40	100
7.		か五	33	20	50
8.	Total		481	400.	(000)
9.	Marks of 1st year		522	400	1000
10.	Grand Total		1003	800	200
11	Total credits earned		90	1	

Sr. No.	423		Roll N	3	109
	Particular A RESULT-cum-DETAI B.Sc. (Hons. School) (As	LED MAR	KS CARD	ear	
in Name : Father	Chour's hay Exami	estion		May	199 7.
Sr. No.	Subject	Paper	Marks obtained	Minimum pass marks	Maxi- mum marks
1	Physical chem.	Theory	98	80	duo
-	,	Practical	90	Sh	-9
2	Imagair Chou.	Practical	10	870	200
3	Organic Cham.	Theory	83	80	dio
FE	V	Practical	149	30	75
4	Analytical Com	Practical	3910	20	75
- 5	Industrial Chan.	Theory	37	30	75
-		Practical			
6	2	Practical	59	39	84
7	T	Theory	57	33	8.3
8	II.	Theory	64	33	83
9	Total	T Table	537	- 23	1000
10	Marks of B.Sc. (H.S.) 2nd Year	1	1003		2000
11	Grand Total	North I	1540	- 3	. ECE
12	Total Credits earned	•	120		EDUCATIONA CREDENTIA

Previous Attempts Listed

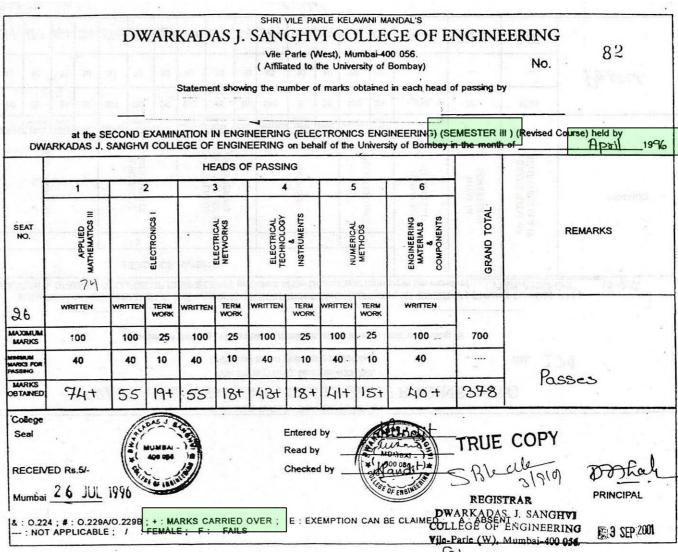
- Likely, the first attempt for this exam was in July 1987 and courses with this date were passed on the first attempt.
- Likely, courses dated December 1987 were passed on the second attempt.
- Likely, the Engineering Chemistry course dated July 1988 was failed twice previously and passed on the third attempt.



Marks Carried Forward

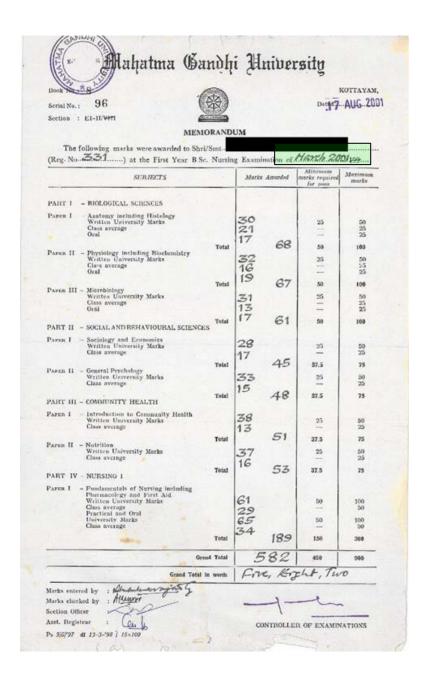
- Notice this odd semester exam was taken in April (summer), not in the winter, as would normally be expected.
- The "+"s indicate grades that were earned on previous exam attempts.
- •Any marks missing this "+" can be assumed as previously failed.

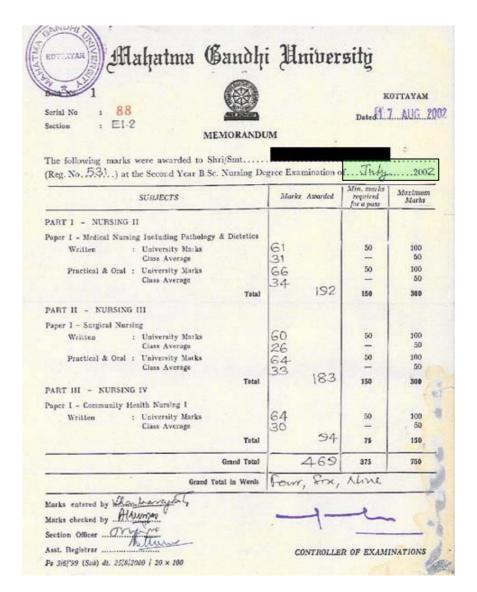






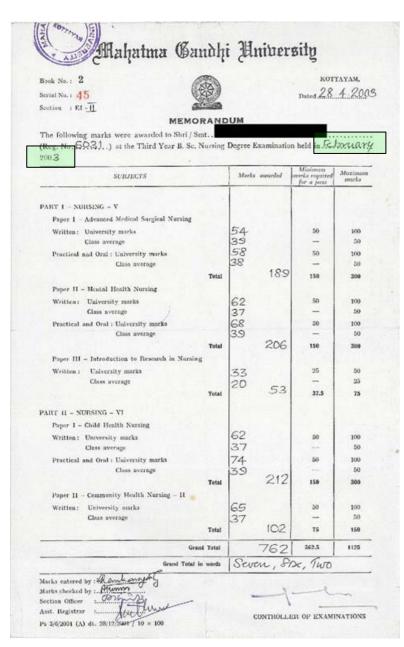
Is This A Complete Set?



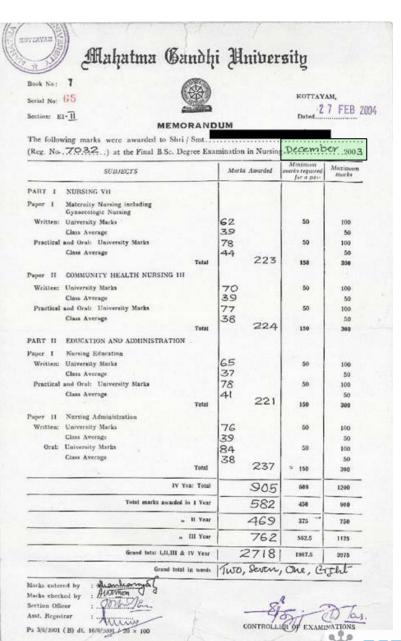




Is This A Complete Set?

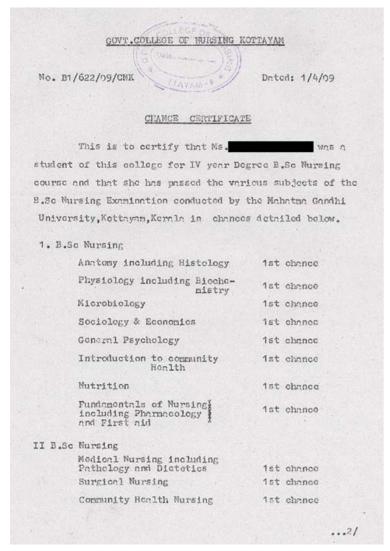


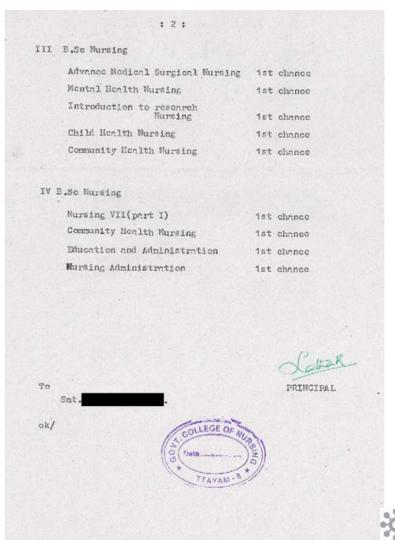
- From the date pattern of the first two examinations, we would expect these attempts to be done in spring/summer (March/July) of 2003 and 2004.
- Other than missing failed attempts, the date inconsistencies could *possibly* be due to other factors such as illness, natural disaster, school closing, strikes, etc.



Attempt Certificate

- If a student claims they did not fail any attempts, you can request that they submit an official "Attempt Certificate" confirming this.
- If a student cannot submit either marks for all attempts, or an Attempt Certificate, ECE cannot include a GPA on their report.





CREDENTIAL

5 Steps to Convert Marks to Credits

- 1. Determine Indian program length and target number of US equivalent credits.
- 2. Find and "box" the total maximum marks for each individual subject.
- 3. Add the total maximum marks for the entire program.
- 4. Calculate your conversion factor and apply to each subject.
- 5. Apply the conversion factor to each subject.



1. Confirm Indian Program Length....



- Basic Principle of Credential Evaluation: a year of full-time academic work in one country is equivalent to a year of full-time academic work in any other country.
- Determine the full-time program length.
- The AIU Handbooks are the best source for this information.

Example #1

University of Madras, Bachelor of Commerce

= 3 years of full-time study



University Degrees

First Degrees:

• Dachelol of Arts — 5 years (after flutter Seconda	Bachelor of Arts	3 years (after Higher Secondar
---	------------------	--------------------------------

Bachelor of Science3 years (after Higher Secondary)

Bachelor of Commerce3 years (after Higher Secondary)

Bachelor of Engineering / Technology
4 years (after Higher Secondary)

Bachelor of Agriculture
4 years (after Higher Secondary)

Second Degrees:

Bachelor of Education	1 year (after any Bachelor's degree)
-----------------------	--------------------------------------

- Master of Arts / Science / Commerce / 2 years (after Bachelor's degree)
 Engineering
- Master of Philosophy (preparation for 1-2 years (after a Bachelor or Master degree) doctoral study)
- Doctor of Philosophy varies by student and program



Indian Professional Degrees

Typical Program Lengths:

	Bachelor of Laws	(General)	2 years (after any 3-yea	r Bachelor's degree)
--	------------------	-----------	-----------	-----------------	----------------------

- Bachelor of Laws (Special) 3 years (after any 3-year Bachelor's degree)
- Bachelor of Pharmacy4 years (after Higher Secondary)
- Bachelor of Physical Therapy 3 ½ years + 6 months internship (after Higher
- Secondary)
- Bachelor of Dentistry
 Secondary)
- Bachelor of Medicine, Bachelor of Surgery
 5 ½ years + 1 year internship (after Higher Secondary)



1... and Determine Target Number of Equivalent U.S. Credits



In the United States, one year of full-time study is normally worth 30 to 36 semester hours of credit.

Two Year Program: 60 to 72 credits

Three Year Program: 90 to 108 credits

Four Year Program: 120 to 144 credits

Example #1

University of Madras, Bachelor of Commerce

= 90 to 108 Target Number of Credits



2. "Box" the Max Marks for Each Subject



UNIVERSITY OF MADRAS

077703

COM DEGREE [RE-STRUCTURED] EXAMINATION

STATEMENT OF MARKS

NAME OF CANDIDATE	SEX	REGISTER NO.	CENTRE NO.	SERIAL NO.	
C10-03-723	W	9304524	1336	04473	
BRANCH NAME	MC	ONTH & YEAR	PUBLICATION	DATE OF PUBLICATION	
	Manage La Commission	MAR 90	AVS	26-06-9	

COURSE	NAME OF SUBJECT	SUBJECT	MARKS SECURED	MAX MARKS	RESULT
FC	TAMIL	FZB	061	100	PASS
FC	ENGLISH	FZE	063	100	PASS
CM	ADVANCED ACCOUNTS	MZAI	072	100	PASS
CM	COMMERCIAL LAW	MZ3	052	100	PASS
CA.	PRINCIPLES OF ECONOMICS	AZAL	065	100	PASS
Carrier Constitution of the Constitution of th	**** END OF STATEMENT ****		nine.		palitical
Care to	**** END OF STATEMENT ****	MINIOUS AND STREET	oriental and		100

- Draw a box around the max marks for each subject.
- In cases where an examination breakdown has multiple parts (ie: theoretical vs. practical; internal vs. external), box the max marks for all parts together.

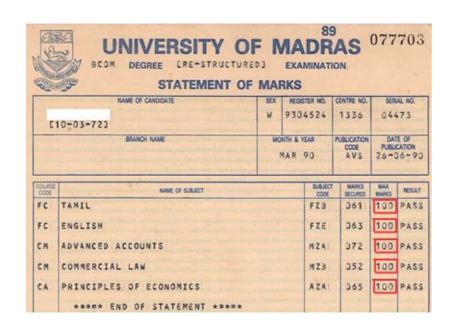


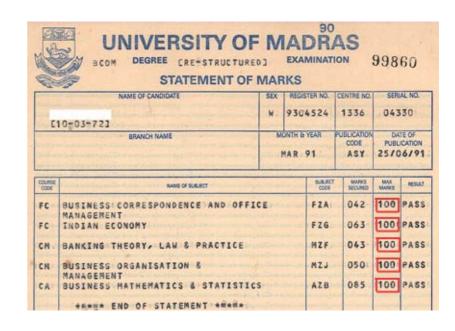
Example #1

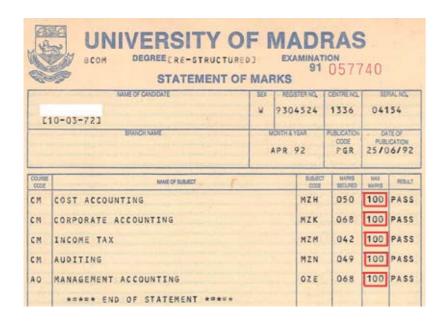
University of Madras, Bachelor of Commerce



3. Total the Max Marks for the Program







Example #1

University of Madras, Bachelor of Commerce

First Year (1990)	500 Max Marks
Second Year (1991)	500 Max Marks
Third Year (1992)	500 Max Marks

1500 Total Max Marks



4. Calculate a Conversion Factor

- Always think of total maximum marks as "Sets of 100". (Move the decimal point two places left.)
- 1500 Total Max Marks = 15 "Sets of 100"
- Find the Conversion Factor by dividing the expected US credits by the Total "Sets of 100"

EXPECTED US CREDITS"SETS OF 100" = CONVERSION FACTOR

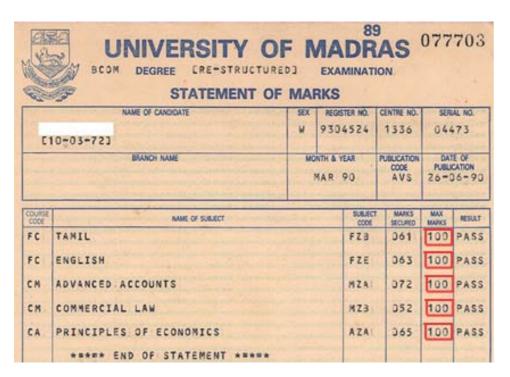
- Round the Conversion Factor to the nearest whole or half number for the cleanest results
- Example #1 University of Madras, Bachelor of Commerce



5. Apply the Conversion Factor

Multiply the "Sets of 100" for each subject by the Conversion Factor to get the equivalent US credits.

Example #1 University of Madras, Bachelor of Commerce



1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits

*** 30 Total US Credits for This Year***



	BRANON NAME	MONTH & YEAR MAR 90		PUBLICATION CODE A V S	PUBLICATION 26-06-9	
COURSE	NAME OF SUBJECT	100	SUBJECT	MARKS SECURED	MAX MARKS	RESULT
FC	TAMIL		FZB	361	100	PASS
FC	ENGLISH		FZE	063	100	PASS
СМ	ADVANCED ACCOUNTS		MZAL	072	100	PASS
CM	COMMERCIAL LAW		MZ3	052	100	PASS
CA.	PRINCIPLES OF ECONOMICS		AZAL	365	100	PASS
	**** END OF STATEMENT ****					

1 "	Set	of	100"	X	6	=	6	US	Cre	edit	S
1 "	Set	of	100"	X	6	=	6	US	Cre	edit	S
1 "	Set	of	100"	X	6	=	6	US	Cre	edit	S
1 "	Set	of	100"	X	6	=	6	US	Cre	edit	S
1 "	Set	of	100"	X	6	=	6	US	Cre	edit	S

	BRANCH NAME	MONTH 6		FUBLICATION COOE ASY	DATE OF PUBLICATIO 25/06/	
COUNSE DOOE	NAME OF SUBJECT	-	SUBJECT CODE	MARS SECURED	MAX MARKS	PESULT
FC	BUSINESS CORRESPONDENCE AND OFFICE		FZA	042	100	PASS
FC	INDIAN ECONOMY		FZG	063	100	PASS
CM.	BANKING THEORY, LAW & PRACTICE		MZF	043	100	PASS
CN	BUSINESS ORGANISATION 8		MZJ	050	100	PASS
CA	BUSINESS MATHEMATICS & STATISTICS		AZB	085	100	PASS
	**** END OF STATEMENT ***		-	100		

1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits

	STANCH NAME	APR 92		CODE P G R	25/06/9	
COUNTE	WHE OF BLEECT		SUBJECT CODE	MARKS MICURED	MATERIA	RESULT
CM	COST ACCOUNTING		MZH	050	100	PASS
CM	CORPORATE ACCOUNTING		MZK	068	100	PASS
CM	INCOME TAX		MZM	042	100	PASS
CM	AUDITING		MZN	049	100	PASS
AO	MANAGEMENT ACCOUNTING		OZE	068	100	PASS
	*= *= * END OF STATEMENT *= *= *					-

1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits 1 "Set of 100" x 6 = 6 US Credits

90 Total Credits for The Program



How Do I Evaluate **Documents That Show Credits?**

- Some universities use a credit / mark hybrid system.
- "Credits" have different values in different countries, and often are not equal to US semester hours of credit.
- Use the credits in place of maximum marks, still using a conversion factor to arrive at the expected US credit range.
- Carefully check to see whether marks earned are listed raw or as percentages.



SERIAL NO 1218204

EXAMINATION II- B. Tech. I Sem. (NR) Reg

HALL TICKET NO

NAME

S.No	SUBJECT CODE	SUBJECT TITLE	Internal Marks	External Marks	Total Marks	Credits	Result
1	BB001	MATHEMATICS - II	14	56	70	4	Р
2	BB003	SWITCHING THEORY & LOGIC DESIGN	10	30	40	4	P
3	BB008	MANG. ECO. & PRIN. OF ACCOUNTANCY	17	41	58	4	P
4	BB011	DISCRETE STRUCTURES & GRAPH TH.	12	49	61	4	Р
5	BB012	DATA PROCESSING&FILE ORG.	10	38	48	4	P
6	BB013	LINEAR & DIGITAL IC'S APPLICATIONS	12	41	53	4	P
7	BB106	COBOL (LAB)	7	38	45	2	P
8	BB107	IC APPLICATIONS (LAB)	10	29	39	2	Р
		Total	92	(322	414	28	

AGGREGATE (IN WORDS) *** Four One Four ***

RESULT (P-PASS, F-FAIL

Result Date: 28-Apr-2002

Issue Date: 31-Mar-2006

CONTROLLER OF EXAMINATION

REGISTRAR

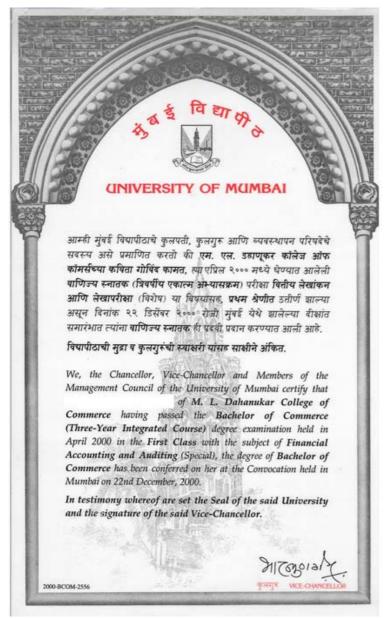


4 Steps to Convert Marks to Grades

- 1. Determine all known grading information.
- 2. Choose an appropriate grading scale using the known grading information.
- 3. Find and "circle" the total marks secured for each subject.
- 4. Convert all marks obtained to percentages and apply the grading scale.

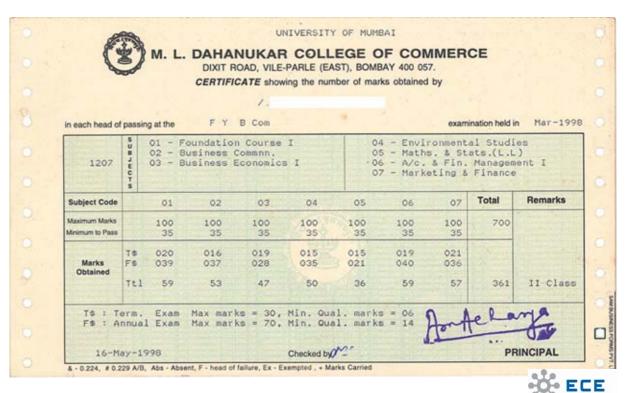


1. Determine All Known Grading Information



Determine the Following Items:

- Minimum passing marks per paper
- Minimum aggregate passing marks for the examination
- Percentages required for each degree classification (if listed…)



CREDENTIAL

Example #2

2. Choose a Grade Conversion Scale

ECE's Recommended Grading Scales for Indian Universities

33 Lowest Pass	35 Lowest Pass	40 Lowest Pass	50 Lowest Pass
■ 60-100% A	■ 60-100% A	■ 60-100% A	■ 60-100% A
■ 50-59% B	■ 50-59% B	■ 50-59% B	■ 50-59% B
■ 40-49% C	■ 40-49% C	■ 40-49% C	■ 0-49% F
■ 33-39% D	■ 35-39% D	■ 0-39% F	
■ 0-32% F	■ 0-34% F		



You can modify these grades scales if you know a university requires different percentages for their degree classifications.

Indian Grade Conversion Philosophy

In ECE's judgment, the achievement required to earn each degree class is equivalent to the level of achievement required to earn each United States letter grade as follows:

Degree Class	Percentage of Marks	U.S. Letter Grade
First (Distinction)	70-100%	Α
First	60-69%	Α
Second	50-59%	В
Third / Pass	40-49%	С
Individual Subject Pass	min-39%	D

- These are the most common degree classification percentages used in Indian universities.
- You may choose to modify the grade conversion when different percentages are known. (eg: First class starts at 65%, not 60%)
- The minimum passing degree classification for most graduate and professional programs in India is Second Class. Therefore, scores below 50% in these programs are usually a failure.



Is There a "D" in India?

The US Concept of the "D" Grade

 An individual subject grade, that although below the minimum acceptable standard, is condoned as passing

Evidence of a "D" Grade in India

- Often, the minimum passing marks in individual subjects is lower that the aggregate passing minimum.
- Although many exams having passing minimums in the 30's range, 40% is the most common passing aggregate for non-professional programs.
- Grace Marks



Is There a "D" in India?

			urses and C	Grades	2		MD, MS Dipa til Maticina
Name of exam	Duration of course		Mir Mir 08	Frequency of exam			
and 7 Lectures SOWT	DA in ye	ears	I Div	II Div 2	III Div	pass in	in a year
Philippedia A 04				av venera T		each paper	BS (Communication)
Page and A of	2	marC50	RMAN 3 00	4	5	6 9 6 900	MS (Comprisingly)
BA RAME CHARMAN		3 10 4 6 7 5	60	50	40	35	Twice
						40 A	
MA 2 continues		2 valar	60 eviall to end	50		35 50 A	Twice
Cert in Kannada		nd 3 Lec	60	50	40	nd 11 Localite	Once
BSc		3	60 nenter	18 V 50 T	40	35	Twice
T G Prebhashankar-RbDerch H.X and 3 Lecturers.						40 A	Sconomics
MSc		2	60	50		35	Once Annual
						50 A	ACC AD Manjagawata Ca
BSc (Home Sc)		3	60	VII 50 095	40	35	Twice 4
						40 A	and A Lecturers.
MSc (Home Sc)		2 HAMBIAH	60	50		35 50 A	Once
BLibSc stebsos		1 0 2 Le	60	50		50A	Once
MLibSc 049 squannidosridirla 9		1	60	50		50 A	Twice
BCom Card dismission 8		3 10 10	60 Ama Grift with	50 50 menden 2	40	35 40 A	Twice Twice



- Page from the AIU Handbook for Bangalore University
- Individual Pass Marks are Lower than Aggregate Pass



University of Combay CCF: 19:0081 Certificate showing the number of marks obtained in each head of passing by at the FIRST YEAR ENGINEERING (SEMESTER II) (Revised Course) Examination held in MAY 1995 HEADS OF PASSING SEAT NO BASIC ELECTRICITY PRACTICE II sive of Semester COMPUTER PROGRAMMING (PASCAL) COMMUNICATION SKILLS II ENGINEERING DRAWING II ENGINEERING MECHANICS II GRAND TOTAL (SEMESTERS 18 ELECTRONICS APPLIED CHEMISTRY APPLIED PHYSICS I REMARKS 1164 TERM WRIT TERM WRIT-TERM WRIT-TERM WRIT-TERM WRIT-TERM WRIT-WRIT-TERM TERM TERM WORK TEN WORK TEN WORK TEN WORK TEN WORK WORK TEN WORK TEN WORK WORK TEN TEN MAXIMUM 100 25 75 25 75 25 100 25 100 25 75 25 100 25 100 25 75 1000 925 1925 MARKS MINIMUM MARKS FOR 40 10 30 10 30 10 40 10 40 10 30 10 40 10 40 10 30 PASSING 23 33 19 40 16 46 11 41 14 34 13 54 14 40 500 508X 1008 35 MARKS 19 PASS 86 86 OBTAINED 86 CLASS TRUE COPY REGISTRAR RESULT DECLARED ON JULY 27, 1995 DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING Vile-Parle (W), Mumbai-400 056

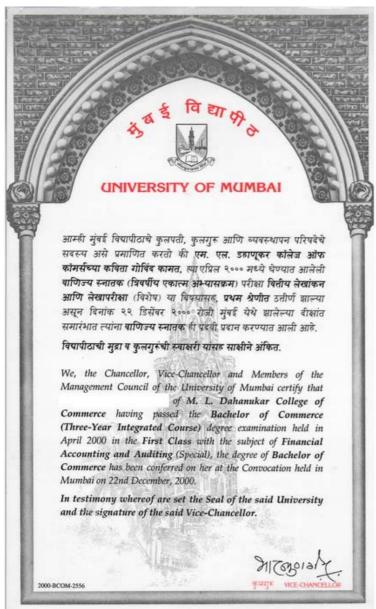
Grace Marks

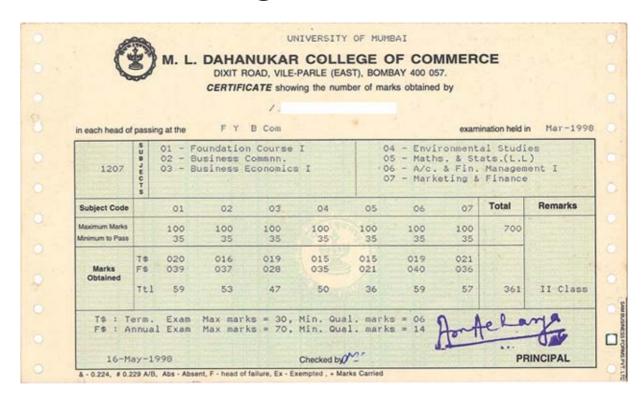
3 SEP.ZLU.

- In some instances, the university may award extra free marks to a student who has not achieved the passing minimum.
- This idea of a "condoned failure" is similar to the US concept of a "D" grade.
- ■The highlighted "& 0.224" refers to the specific university grace mark regulation.



2. Choose a Grading Scale





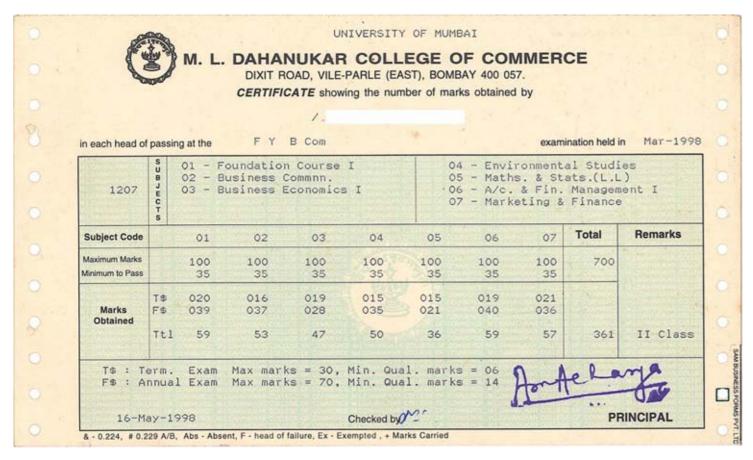
35 Lowest Pass

- 60-100% A
- 50-59% B
- 40-49% C
- 35-39% D
- 0-34% F





3. "Circle" the Marks Obtained for Each Subject



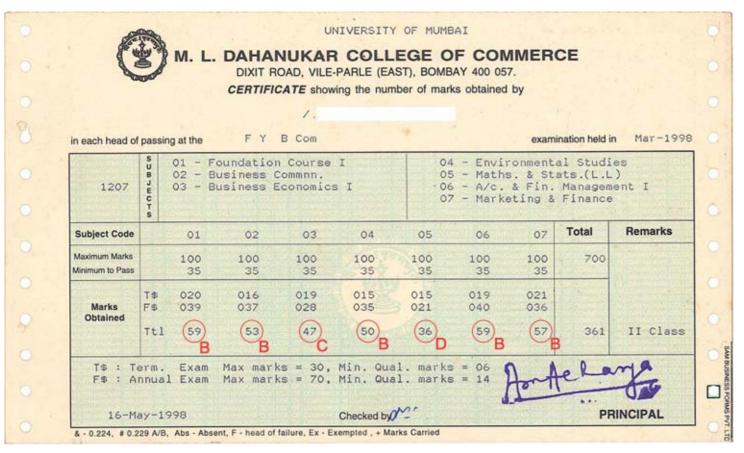
- Draw a circle around the marks obtained for each subject.
- In cases where an examination breakdown has multiple parts (ie: theoretical vs. practical; internal vs. external), circle the marks obtained for all parts together.

Example #2

University of Mumbai, Bachelor of Commerce



4. Convert to Percentage and Apply the Grading Scale



Example #2

University of Mumbai, Bachelor of Commerce

- In this example, the marks obtained are out of 100 max, and are therefore already a percentage.
- Always remember if the circled marks are raw or a percentage!

35 Lowest Pass

- 60-100% A
- 50-59% B
- 40-49% C
- 35-39% D
- 0-34% F



How Do You Convert Letter Grades?

E/Math-2

ME/ID (E)

SESSIONAL:

ME/ID(E)

ME/IW (E)

E/Ph-IL:

E/Ph-1

Mathematics II

Engineering Drawing IA

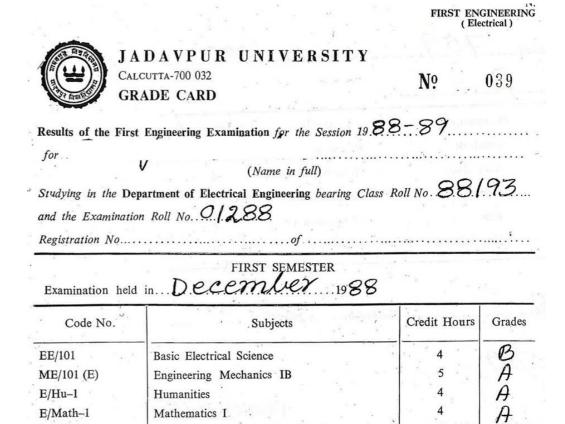
Engineering Drawing I

Physics Laboratory I

Physics I

Workshop I

- Some schools may use a letter grading scale.
- Letter grading scales vary widely and may not match the US style A-F scale.
- Check accompanying documents for additional information.
- Often, scales are found on the backs of marksheets.





1) Letter Grades, cont.

GRADES	CLASSIFICATIONS	MARKS	GRADE POINTS	
A	Excellent	80 and above	5	
В	Very Good	70 to below 80	4 -	
C	Good	60 to below 70	3	
D .	Fair	50 to below 60	2	
x	Unsatisfactory	below 50	. 0	
	0			
pared by	Ø	checked by	···-··································	
e of issue	89		endal Isbalik	

This scale was found on the back of the Jadavpur University marksheet from the previous slide.



How Do You Convert Other Non-Percentage Grading Scales?

- Grading is not standardized in India. Besides percentages and letter grades, other scales exist such as 4 point or 10 point GPA systems.
- When confronted with an unfamiliar scale, ECE recommends this approach:
 - Determine all known information: document, website, print resources, examination regulations
 - If known, base conversions off the related degree classifications.
 - Look for word descriptors that give qualitative meaning and break down to the closest, most logical U.S. equivalent grades.

Birla Institute of Technology and Science Pilani, (Rajasthan) India

- This transcript contains complete record of academic performance of the student given in a chronological order. For details the Academic Regulation as well as the Bulletin of the institute should be consulted.
- 2. The medium of instruction is English.
- 3. The academic year consists of two semesters and a summer term when required. The courses and the grades along with units are shown against each semester/term in which the student registered.
- 4. Evaluation:
 - (a) The performance in most courses is spelt out in terms of letter grades A,B,C,D,E. Each letter grade has a qualitative meaning and a grade point value as given below:

Letter Grade : A B C D E
Qualitative Meaning : Excellent Good Fair Poor Exposed
Grade Point : 10 8 6 4 2

- (b) In some courses, descriptive non-letter grades (Excellent; Good; Poor; Unacceptable; Satisfactory(S); Unsatisfactory(U); Above Average; Average; Below Average; Outstanding; Very Good; Continuing) are awarded which carry no grade point.
- 5. CGPA:

The up-to-date overall performance is reported by the Cumulative Grade Point Average (CGPA), which is a weighted average calculated as below:

CGPA=
$$(u_1g_1 + u_2g_2 + u_3g_3 +)/(u_1 + u_2 + u_3 +)$$

where u_1 , u_2 , u_3 , denote units associated with the courses taken by the student and g_1 , g_2 , g_3 ,.... denote grade points of the letter grades awarded in the respective courses. Whenever a student repeats a course and gets a new letter grade the new grade replaces the earlier grade in the calculation of the CGPA.





OSMANIA UNIVERSITY T06096365

MEMORANDUM OF MARKS

TRANSCRIPT

EXAMINATION : B PHARMACY, (4-YDC)

IV-YEAR I-SEM. JANUARY 2005

REF NO: TE07011788

DATE: 18/01/2007

NAME

ROLL NO :010249

625

434

FATHER'S NAME

SL.		EXAMIN		SESSIONALS		
NO.	SUBJECT	MAXIMUM MARKS	MARKS SECURED	RESULT	MAXIMUM MARKS	MARKS SECURED
1.	PHARMACEUTICAL CHEM III	70	40	PASS	30	15
2.	PHARMACEUTICAL ANALYSIS - II	70	40	PASS	30	24
3.	PHARMACEUTICS - III	70	48	PASS	30	22
4.	PHARMACOLOGY - II	70	50	PASS	- 30	21
5.	PHARMACEUTICAL ANALYSIS-II (P)	50	41	PASS	25	20
6.	PHARMACEUTICS - III (P)	50	38	PASS	25	19
7.	PHARMACOLOGY - II (P)	50	37	PASS	25	19
					Hime	
		WHEE IS	Her	4		
OMBI	NED AGGREGATE OF SESSIONALS	III la est			195	140

COMBINED AGGREGATE OF THE EXAMINATION & SESSIONALS

AGGREGATE MARKS SECURED(IN WORDS): *FOUR*THREE*FOUR*

RESULT: PASSED

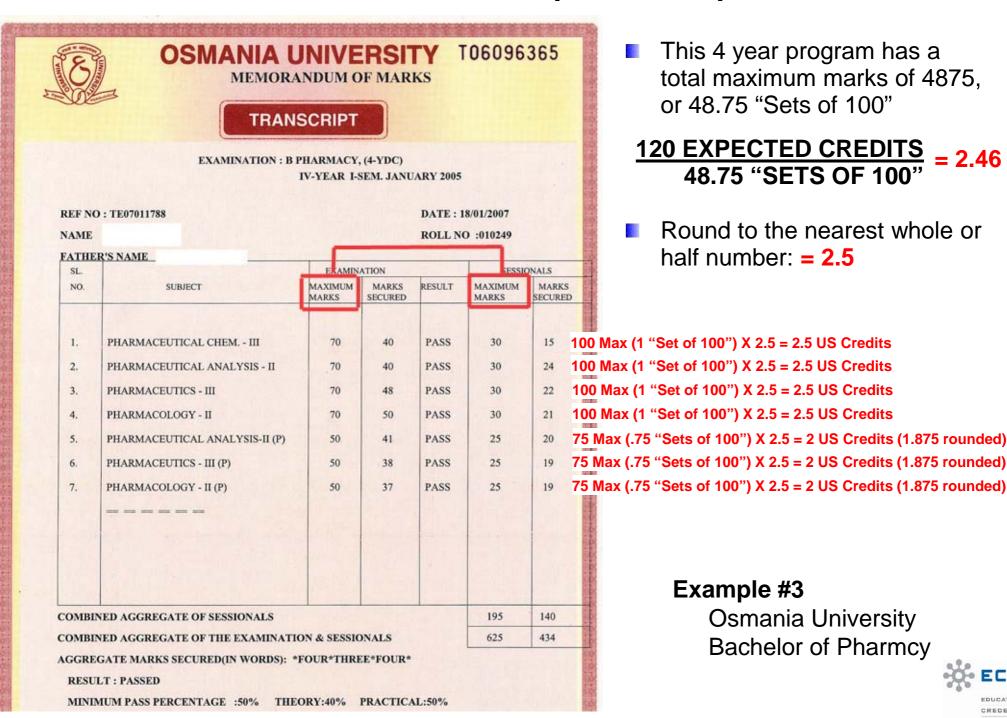
MINIMUM PASS PERCENTAGE :50% THEORY:40% PRACTICAL:50%

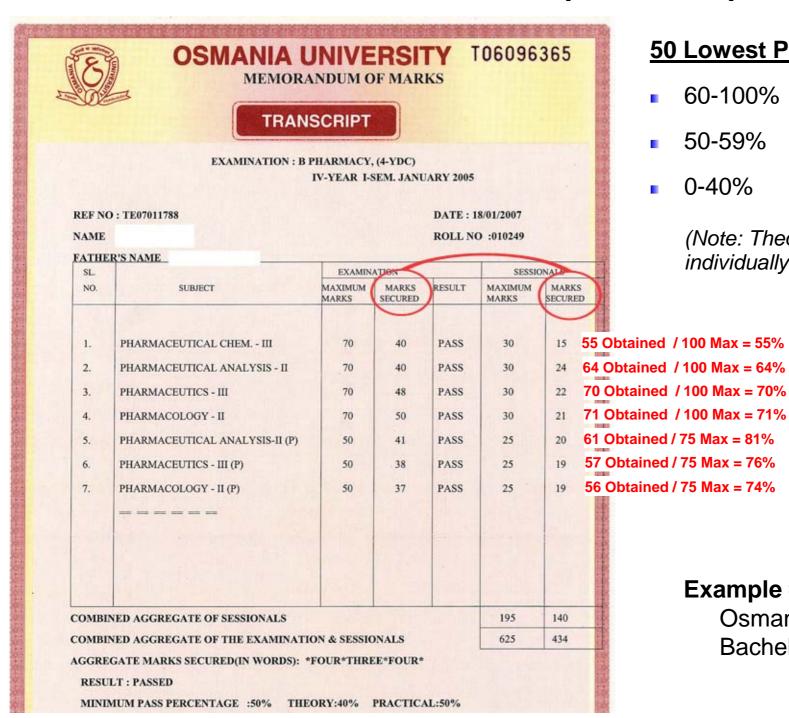
- Each subject has two parts, "Examination" and "Sessionals" that should be combined.
- Subjects #5-7 are out of 75 maximum marks and must be converted to a percentage.
- Because the minimum passing percentage for the Theory subjects is different than the Practical and Aggregate minimums, what grading scale would you use?

Example #3

Osmania University Bachelor of Pharmcy







50 Lowest Pass

- 60-100% A
- 50-59%
- 0-40%

(Note: Theory scores can individually pass down to 40%.)

В

Example #3

Osmania University **Bachelor of Pharmcy**





MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

OFFICE OF THE CONTROLLER OF EXAMINATIONS
University Building, Madhav Nagar, MANIPAL 576 104, KARNATAKA, INDIA



SI No.

706

Dated: 31 July 2008

STATEMENT OF MARKS

Final BDS (Part - II) Degree Examination - July 2008

Registration No.: 040301081

Name:

SUBJECT		ersity ination	Viva	-Voce		ernal ssment	TOTAL	
	Max/Min Marks	Marks Secured	Max Marks	Marks Secured	Max Marks	Marks Secured	Max/Min Marks	Marks Secured
DENTAL PROSTHETICS Theory	100/40	65	40	30	60	35	200/100	130
AND BRIDGE Practical	70/28	44	4	-	30	22	100/50	66
CONSERVATIVE Theory	100/40	43	40	31	60	30	200/100	104
DENTISTRY INCLUDING ENDODONTICS Practical	70/28	40		-	30	19	100/50	59
Theory	100/40	50	40	30	60	33	200/100	113
ORAL SURGERY Practical	70/28	40	+	-	30	19	100/50	59
Theory	100/40	56	40	30	60	43	200/100	129
COMMUNITY DENTISTRY Practical	70/28	43	-		30	28	100/50	71
Grand Total	m	na	1 8 %		1200	731		

Grand Total in words: SEVEN HUNDRED AND THIRTY ONE ONLY

Result: PASSES IN SECOND CLASS

- 1. No corrections are permitted.
- 2. To pass the examination in any given subject, a candidate must have secured:
- a. not less than 50% of the maximum marks of all the components (written, viva-voce and internal assessment) of the theory segment put together, including not less than 40% of the maximum marks in the written (university) examination and
- b. not less than 50% of the maximum marks of all the components (practical/clinical and internal assessment) of the practical/clinical segment put together, including not less than 40% of the maximum marks in the university (practical/clinical) examination.

A candidate passing the entire examination in the first attempt is placed in one of the following classes on the basis of the grand total percentage obtained by him/her:

Less than 65% : Second class,

65% or more, but less than 75% : First class,

75% or higher: First class with distinction

Entered by : _____ Verifi

by:_____

Scrutinized by:



- Each subject has multiple parts that should be combined.
- All subjects are out of 300 maximum marks and must be converted to a percentage.
- Because the minimum percentage to earn first class is 65%, what grading scale would you use?

Example #4

Manipal Academy of Higher Education Bachelor of Dental Surgery (4 years academic + 1 year internship)





MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

OFFICE OF THE CONTROLLER OF EXAMINATIONS
University Building, Madhav Nagar, MANIPAL 576 104, KARNATAKA, INDIA



SI No.

706

Dated: 31 July 2008

STATEMENT OF MARKS

Final BDS (Part - II) Degree Examination - July 2008

Registration No.: 040301081

Name:

0.7

This 4 year program has a total maximum marks of 5300, or 53 "Sets of 100"

120 EXPECTED CREDITS = 2.26

Round to the nearest whole or half number: = 2.5

SUBJECT	10000 700	ersity ination	Viva	-Voce		ernal ssment	то	TAL	half number: = 2.5
with Space of	Max/Min Marks	Marks Secured	Max Marks	Marks Secured	Max Marks	Marks Secured	Max/Min Marks	Marks Secured	
DENTAL PROSTHETICS Theory INCLUDING CROWN	100/40	65	40	30	60	35	200/100	130	300 Max (3 "Sets of 100") x 2.5 = 7.5 US Credits
AND BRIDGE Practical	70/28	44			30	22	100/50	66	1
CONSERVATIVE Theory	100/40	43	40	31	60	30	200/100	104	200 May /2 "Sata of 100") v 2 F - 7 F US Cradita
DENTISTRY INCLUDING ENDODONTICS Practical	70/28	40			30	19	100/50	59	300 Max (3 "Sets of 100") x 2.5 = 7.5 US Credits
Theory	100/40	50	40	30	60	33	200/100	113	200 May (2 "Cata of 400") v 2 F . 7 F HC Cradita
ORAL SURGERY Practical	70/28	40	SE+	-	30	19	100/90	59	300 Max (3 "Sets of 100") x 2.5 = 7.5 US Credits
Theory	100/40	56	40	30	60	43	200/100	129	
COMMUNITY DENTISTRY Practical	70/28	43	-		30	28	100/:0	71	300 Max (3 "Sets of 100") x 2.5 = 7.5 US Credits
Grand Total		10	MI	na		1/100	1200	731	

Grand Total in words: SEVEN HUNDRED AND THIRTY ONE ONLY

Result: PASSES IN SECOND CLASS

- 1. No corrections are permitted.
- 2. To pass the examination in any given subject, a candidate must have secured:
- a. not less than 50% of the maximum marks of all the components (written, viva-voce and internal assessment) of the theory segment put together, including not less than 40% of the maximum marks in the written (university) examination and
- b. not less than 50% of the maximum marks of all the components (practical/clinical and internal assessment) of the practical/clinical segment put together, including not less than 40% of the maximum marks in the university (practical/clinical) examination.
- A candidate passing the entire examination in the first attempt is placed in one of the following classes on the basis of the grand total percentage obtained by him/her:

Less than 65% : Second class,

65% or more, but less than 75% : First class,

75% or higher: First class with distinction

Example #4

Manipal Academy of Higher Education Bachelor of Dental Surgery (4 years academic + 1 year internship)





MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

OFFICE OF THE CONTROLLER OF EXAMINATIONS
University Building, Madhav Nagar, MANIPAL 576 104, KARNATAKA, INDIA



SI No.

706

Dated: 31 July 2008

STATEMENT OF MARKS

Final BDS (Part - II) Degree Examination - July 2008

Registration No.: 040301081

Name:

SUBJECT		ersity ination	Viva	-Voce		ernal ssment	TOTAL	
with Excludents	Max/Min Marks	Marks Secured	Max Marks	Marks Secured	Max Marks	Marks Secured	Max/Min Marks	Marks Secured
DENTAL PROSTHETICS Theory	100/40	65	40	30	60	35	200/100	130
AND BRIDGE Practical	70/28	44			30	22	100/50	66
CONSERVATIVE Theory	100/40	43	40	31	60	30	200/100	104
DENTISTRY INCLUDING ENDODONTICS Practical	70/28	40		-	30	19	100/50	59
Theory ORAL SURGERY	100/40	50	40	30	60	33	200/100	113
Practical	70/28	40		-	30	19	100/50	59
Theory	100/40	56	40	30	60	43	200/100	129
COMMUNITY DENTISTRY Practical	70/28	43	-		30	28	100/50	71
Grand Total	no	MI	no		- J. 100-1	1200	731	

Grand Total in words: SEVEN HUNDRED AND THIRTY ONE ONLY

Result: PASSES IN SECOND CLASS

- 1. No corrections are permitted.
- 2. To pass the examination in any given subject, a candidate must have secured:
- a. not less than 50% of the maximum marks of all the components (written, viva-voce and internal assessment) of the theory segment put together, including not less than 40% of the maximum marks in the written (university) examination and
- b. not less than 50% of the maximum marks of all the components (practical/clinical and internal assessment) of the practical/clinical segment put together, including not less than 40% of the maximum marks in the university (practical/clinical) examination.
- A candidate passing the entire examination in the first attempt is placed in one of the following classes on the basis of the grand total percentage obtained by him/her:

Less than 65% : Second class,

65% or more, but less than 75%: First class,

75% or higher: First class with distinction

50 Lowest Pass; 65 First Class

• 65-100% A

50-64% B

0-40% F

(Note: Theory scores can individually pass down to 40%.)

196 Obtained / 300 Max = 65% A

163 Obtained / 300 Max = 54% B

172 Obtained / 300 Max = 57% B

200 Obtained / 300 Max = 66% A

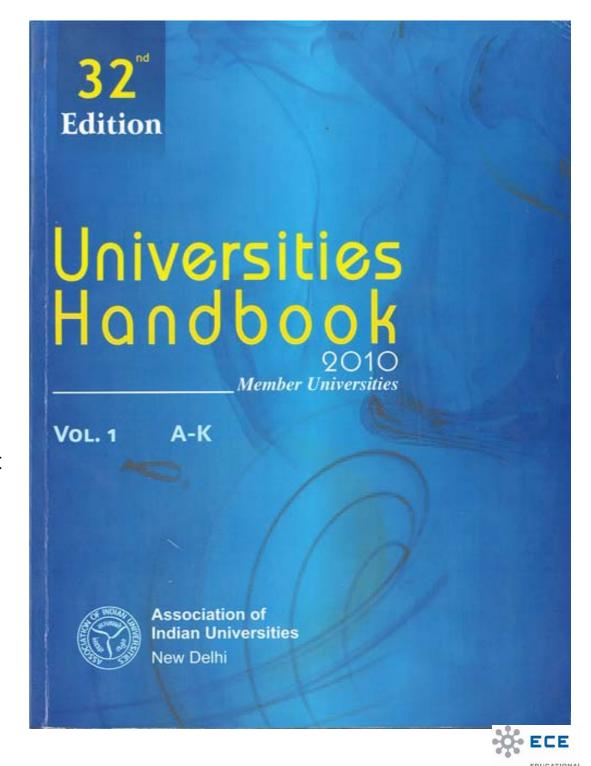
Example #4

Manipal Academy of Higher Education Bachelor of Dental Surgery (4 years academic + 1 year internship)



The AIU Handbook

- Published biannually since 1927, though the last edition was in 2006
- The BEST source of information for programs at Indian universities
- The preface also includes an excellent overview of higher education in India
- Ordering information available at http://www.aiuweb.org/publication.htm



Sample Page from the AIU Handbook



UNIVERSITY OF **NORTH BENGAL**

(Established 1962)

ADDRESS

Raia Rammohunpur PO North Bengal University 734430 Dist Darjeeling, West Bengal

CABLE North Bengal University FAX 0353-2581546/2581212

TELEPHONE 2582099 E-MAIL pjushgeo@yahoo.com regnbu@sancharnet.in

CHANCELLOR Governor of West Bengal

VICE CHANCELLOR Prof Pijush Kanti Saha

REGISTRAR Dr T K Chatterjee

Science Prof D K Hazra

LIBRARIAN (Actg) Shri B Karmakar

DEANS Arts & Commerce & Law Prof P K Sengupta

The university was incorporated under the West Bengal Act XXVII of 1961. It started functioning from June 1,1962. The university campus is located in the outskirts of Siliguri town in the Dist, of Darieeling.

Jurisdiction

The jurisdiction of the univ. extends to the districts of Coochbehar, Darjeeling, Jalpaiguri, Malda, Uttar Dinaipur, Dakshin Dinajpur and Sikkim State. The univ. has 2 Univ Colleges, 5 Govt Colleges including 3 Sikkim Govt. & 70 non-Govt Colleges. Students Enrolment (2004-2005) 76,603.

Library and Research Facilities

2004-2005 Books 1,80,000; New Volumes 24,000; periodicals subscription list 700 with (a) Introduced services like INFONET & INFLIBNET (b) CCOD (current contents on Diskett with abstract) books issued per day 300; daily visitors 350; space in library 14.071 sq metres. Expenditure Rs 58.69 lakhs. Reprographic facilities available.

Scholarships and Fellowships

State/UGC/Other Agency Research fellowships, Merit & SC/ST/OBC scholarships, free studentships from Rs 75 to Rs 1800 (pm).

Private Studies

Candidates are allowed to appear at BA/ BSc/BCom General 3 yrs after passing H S Exam (10+2) of West Bengal Council of H S Education or equivalent in Distance Education Courses (PCP mode) in subjects like English, Bengali, Nepali, History, Political Science, Philosophy and Mathematics. Distance Education Courses (PCP mode) are available in same subjects for one yr. bridge course for (10+2+2) Graduates and MA for Graduates under the (10+2+3) or (10+2+2+1) pattern.

Academic Year

Terms July-June:

Admissions July/August. Examinations Undergraduates May - June; Postgraduates

Budget Estimates

(2004-2005) Income Rs 2089.41 lakhs (Grants 88.57%, Fees 91.28%, Other Sources 8.72%). Expenditure Rs 2978 lakhs.

Miscellaneous

Health Centre Students, teachers and their families residing in the campus are provided free medical care.

Games & Sports Athletics, Football, Cricket, Badminton, Volleyball, Basketball, Table Tennis

Hostels PG Students (2 boys hostels) with 658 seats; 4 for girls-392 seats; Research Scholars-one each for boys and girls with 42/15 seats. PG Hostels are double seated and room rent is Rs 5 pm.

Tuition Fee Rs 125-160 pm depending on the course of Study. Self-financed courses (13 such) leading to P G degree, PG Diploma, Diploma and Certificate: 10,000 - 40,000 p.a.

Vocational Courses at First Degree Level: Sericulture, Functional English. Secretarial Practice, Tourism Mgt, Computer Sc. Computer Appl, Electronic Egipment Maintenance, Eco-Tourism, Wild Life Mgt, Industrial Microbiol, Mass Commun etc.

Courses of Study

FACULTY OF ARTS, COMM & LAW

BA (General), BA (Hons) Eligibility Passed 10+2. Duration 3 vrs for Hons exam with univ exam at the end of second and third year and 3 years for General course with univ exam at the end of second year. Subjects BA (General) Arabic, Bengali, Econ, Eng, Geog, Hindi, Hist, Maths, Nepali, Pol Sc, Sans, Sociol, Tibetan, Urdu.

BA (Hons) Candidates have to offer one Hons and two elective subjects and one language: Bengali, Econ, Eng. Edn. Geog. Hist, Maths, Nepali, Pol Sc, Phil, Sans, Sociol.. Journalism. Additional Compulsory Lang Bengali, Eng. Hindi, Latin, Nepali, Tibetan,

MA Eligibility BA (Hons) 10+2+3). Duration 2 yrs, with exam in two parts-Part 1 & II. Subjects Bengali, Eng. Econ. Hist. Nepali, Hindi, Pol Sc. Phil, Sociology, Geography & Applied Geography.

BCom (General), BCom (Hons) Eligibility Passed 10+2. Duration 3 years for Hons Course with Univ exam at the end of second and third year and 3 years for General course with univ exam at the end of second year. Subjects one language and 6 compulsory papers and one group consisting of 3 papers for General course; For Honours course one language, six compulsory papers and one honours subject have to be offered. BCom (General) Language, Bus Org, Comml Maths, Econ Problems of India, Accountancy. BCom

(Hons) Lang, Bus Orgn & Mgt, Adv Accountancy & Auditing.

MCom Eligibility BCom (Hons). Duration 2 years with exam in two parts: Subjects Part I (Theoretical Course, all compulsory) Principles of Mat & Oranl Behaviour, Econ Growth & Dev, Stat Methods, Op Res. Mktg Mgt, Corporate Fin. Bus Environ & Policy, Mgt Accounting, Control & Audit. Part II Managerial Econ, Mgt of Pub Enterprises, Personnel Mgt, any one group Accounting & Fin; Indl Fin; Security Analy and Portfolio Mgt; Finl Mgt, Contemporary Issues in Accounting. Banking & Fin; Indl Fin; Ind Banking; Intnl Trade; Intnl Fin; Labour & Indl Relations: Human Res Dev: Labour Law: Indl Relations: Oran Th. Marketing Mgt: Mktg Res; Cosumer Behaviour; Intnl Mktg; Advt Mgt. Pub Enterprise: Fin Mgt, Personl Mgt, Mktg Mgt, Pub Enterprise & Parliamentary Control, Any one Corporate Tax Plng & Mgt; Comp Concepts & Comp Programme, Labour Welfare: Mot & Pub Utilities; Pub Fin; Agril Mktg.

LLB Hons Eligibility Passed 10+2 for 5 vrs integrated course.

LLM Eligibility LLB. (5 yrs) Duration

BEd Eligibility BA, BSc, or BCom. Duration 1 year, Subjects Arts & Craft: Bengali, English, Hist, Maths, Nepali & Hindi, Physical Sc. Life Sc. Work Edn. Geog.

D Mitra PhD

and 1 Lecturer.

D Bhattacharyya PhD

Electives Mental Hygiene, Edn Measurement & Eval; Hist of Ind Edn, Ednl Backward Children: Ednl Vocational Guidance, Art Edn. Soc & Non-formal Edn, School Supervision & Admn & Audio Visual Edn. Compulsory Principles & Practice of Edn: Ednl Psy: Indian Edn & its problem.

BPEd Eligibility Graduation. Duration 1 yr. Subjects Group A Principles & Hist of Physical Edn. Anatomy, Physiol & Exercise. Physiol, Ednl Psy, Methods of Teaching & Evaluation in Physical Edn, Orgn, Admn & Supervision in Physical Edn: Officiating & Coaching; Health Edn & First Aid, Community & Recreation, Group B (Activity Skills) Gymnastics & Yogic asanas; Aquatics Major Games, Football, Badminton, Hockey, Volleyball, Basketball, Cricket, Tennikoit & Throwball, Kabaddi, Kho-Kho, Handball; Rhythmics Folkdance, Lezium Band Music Apparatus: Track & Field: Combatives: Lathi. Judo/wrestling. Calisthenics, Footdrills; Recreational Games, National Ideals and Citizenship, Outdoor Edn. Group C Officiating, Final Teaching (lessoncallisthenics & Motorskills), Internal Teaching, Special Attributes.

BLib & Inf Sc Eligibility Bachelor's Degree. Duration 1 yr.

FACULTY OF SCIENCE

BSc (General), BSc (Hons) Eligibility 12 yr Hr Sec. Duration 3 yrs for Hons course with univ exam at the end of second and third years and 3 years for General course with univ exam at the end of 2nd year. Subjects one lang and any three Bot. Chem, Maths, Phy, Zool, Microbiology, Physiology.

North Bengal 903

For Hons candidates have to take two languages, two elective subjects and one Hons subject.

MSc Eligibility BSc (Hons). Duration 2 years. Subjects Bot, Chem, Geog, Maths, Phy, Zool, Computer Sc. Bio-technology and Anthropology.

MCA Eligibility BSc (Hons), Duration 3 vrs. Selection through state-level entrance

Research Degree

MPhil Eligibility Post graduate degree in concerned discipline. Duration 1 year. Subjects Bengali, Eng. Econ, Comm. Hist. Pol Sc, Area Studies, GIS & Remote Sensing.

Doctorate Degrees

PhD The Univ awards PhD in Faculties of Arts, Comm & Law, Sc, Engg & Tech, Med . Master's degree holders can submit thesis after minimum two years of research work on an approved topic.

Teachers of University

FACULTY OF ARTS. Economics COMMERCE & LAW Professor Bengali C Mukhopadhyaya PhD Professor Readers A Bhatta PhD K K Bagchi PhD J Sankrityayana Readers S Roy Mukheriee S K Jash PhD A Bhuimali PhD Maniula Bera PhD and 2 Lecturers. and 5 Lecturers. English Commerce Professors Urmila Chakraborty PhD Professor B K Baneriee PhD PR Sengupta PhD S K Roy Moulick PhD S N Dhar PhD Readers Readers GN Ray PhD MK Ray PhD S Samanta PhD H Roy PhD A Sengupta PhD I Roy PhD C Laha PhD AK Roy PhD and 1 Lecturer. S N Dhar PhD

History

Professors

J Kar PhD

M Bhattacharyva PhD Chhanda Chakraborty PhD

Readers

A G Ghosh PhD Ratna Ray PhD I Sarkar PhD and 2 Lecturers.

Nepali

Professor

B K Upadhyaya PhD G Nepal PhD MP Dahal PhD and 2 Lecturers.

Philosophy

Professors

M Ghosh PhD R N Ghosh PhD B Chakraborty PhD C Bhatttacharyya PhD

K L Das PhD and 2 Lecturers.

Political Science

Professors

P K Sengupta PhD A K Datta PhD M K Chakraborty PhD Md Yasin PhD S Dey PhD

Reader

M Dutta PhD and 2 Lecturers.

Sociology

Professors

R K Bhadra PhD R S Mukhopadhyay PhD

Readers

S K Roy PhD S Biswas PhD M Bhadra PhD

CENTRE

ECE

Professor SRMor

EDUCATIONAL CREDENTIAL EVALUATORS

Alberta International Qualifications Assessment Service

- In 2009, IQAS published an excellent book on all aspects of Indian education.
- Intended for employers, educators and immigration officials in Alberta, but also very useful as a credential evaluation resource.
- Available free(!) online at:
 http://employment.alberta.ca/documents/WIA/WIA-IM_iqas_india_profile.pdf

