BANARAS HINDU UNIVERSITY

OFFICE OF THE CONTROLLER OF EXAMINATIONS

INSTITUTE OF TECHNOLOGY

VARANASI-221005 (INDIA)

Transcript of Academic Record of *Shri Rakesh Sharma*, Roll No. *08414EN004* Enrolment No. *305556*

5-Year IDD B.Tech. in Bioengineering & M.Tech. in Biomedical Technology Examination

M. Tech -IDD SEMESTER – I SESSION : 2008-2009

Course No. & Subjects	Credits	Grade Obtained
Theory :		
AM-1102 : Mathematics	3	A
AP-1102 : Physics	3	B
AC-1102 : Chemistry	3	C
ME-1102 : Thermodynamics	3	C
PC-1101 : Professional Communication	3	B
ES-1101 : Environmental Studies	4	B
Practicals :		
AP-1302 : Physics Lab.	2	A
AC-1301 : Chemistry Lab.	2	C
ME-1303 : Workshop Practice	2	C
Total Credits	25	
Sum of (Credits x Grade Point) obtained in First Semester		195
First Semester Grade Point Average (SGPA)		7.80

Passed and Promoted to II Semester

SEMESTER – II

Course No. & Subjects	Credits	Grade Obtained
Theory :		
AM-1201 : Mathematics	3	B
AP-1201 : Physics	3	B
AC-1201 : Chemistry	3	B
ME-1201 : Engineering Mechanics	3	C
AM-1203 : Computer Programming & Graphics	4	B
Practicals :		
ME-1401 : Engineering Drawing	3	A
AP-1401 : Physics Lab.	2	A
AM-1401 : Computer Lab.	2	B
ME-1402 : Workshop Practice	2	A
Total Credits	25	
Sum of (Credits x Grade Point) obtained in Second Semester		204
Second Semester Grade Point Average (SGPA)		8.16
Second Semester Course		Passed
Yearly Grade Point Average (YGPA) of Part – I		7.98
5-Year IDD (B. Tech. - M.Tech) Pt I Course Passed		

M. Tech -IDD SEMESTER – III SESSION : 2009-2010

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-2101 : Physiology-I	3	B
BM-2102 : Biochemistry	3	A
EE-2114A : Electrical Engineering	3	A
AM-2101 : Mathematical Methods	3	C
MS-2101 : Introduction to Material Science	3	C
AC-2101 : Chemistry of Polymers	3	A
Practicals :		
BM -2301 : Biochemistry	2	B
BM -2302 : Physiology-I	2	A
EE -2314A : Electrical Engineering	2	B
Total Credits	24	
Sum of (Credits x Grade Point) obtained in Third Semester		197
Third Semester Grade Point Average (SGPA)		8.20

Passed and Promoted to IV Semester

SEMESTER – IV

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-2201 : Physiology-II	3	B
BM-2202 : Electronic Devices and Circuits	4	C
BM-2203 : Biopotenticals	3	B
BM-2204: Network Analysis and Synthesis	4	B
AM-2201 : Numerical Analysis	3	B
MS-2203 : Metals and Alloys	3	A
Practicals:		
BM-2401 : Physiology-II	2	A
BM-2402 : Network Analysis and Electronic Circuits	2	B
AM-2401 : Computer Lab.	2	S
Total Credits	26	
Sum of (Credits x Grade Point) obtained in Fourth Semester		213
Fourth Semester Grade Point Average (SGPA)		8.19
Fourth Semester Course		Passed
Yearly Grade Point Average (YGPA) of Part – II		8.20
5-Year IDD (B. Tech. - M.Tech) Pt. II Course Passed		

M. Tech -IDD SEMESTER – V SESSION : 2010-2011

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-3101 : Microprocessor and Microcontroller	3	S
BM-3102 : Electronic Circuits for Medical Instrumentation	3	A
BM-3103 : Biomaterials	3	A
BM-3104/PH-2105 : Pharmaceutical Microbiology	4	A
AC-3101 : Analytical Techniques in Chemistry	3	B
MS-3106 : Synthesis and Preparation of Materials	3	A
Practicals		
BM-3301 : Microprocessor and Microcontroller Lab.	2	S
BM-3302 : Materials Preparation Lab.	2	A
BM-3303 : Polymer Material Lab.	2	A
Total Credits	25	
Sum of (Credits x Grade Point) obtained in Fifth Semester		227
Fifth Semester Grade Point Average (SGPA)		9.08

Passed and Promoted to VI Semester

SEMESTER – VI

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-3201 : Control System	3	B
BM-3202 : Transducers and Instrumentation Systems	4	A
AC-3201 : Instrumental Methods for Chemical Analysis	3	B
ECE-3204/3203 : Reliability Engineering	3	B
MS-3210 : Science of Ceramic Materials	3	A
Open Elective (Humanities Any One)		
HU-3201: History of Science & Technology	3	A
Practicals :		
BM-3401 : Transducers and Instrumentation Systems Lab.	2	A
PH-3402/BM-3403 : Microbiology Lab.	2	B
BM-3402 : Analytical Techniques in Chemistry	2	B
Total Credits	25	
Sum of (Credits x Grade Point) obtained in Six Semester		211
Six Semester Grade Point Average (SGPA)		8.44
Six Semester Course		Passed
Yearly Grade Point Average (YGPA) of Part – III		8.76
5-Year IDD (B. Tech. - M.Tech) Pt. III Course Passed		

M. Tech -IDD SEMESTER – VII SESSION : 2011-2012

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-4101 : Biological Control System Analysis	3	A
BM-4102 : Biomechanics	3	B
BM-4103 : Biomedical Instrumentation	3	A
BM-4104: Molecular Biology and Genetics	3	A
BM-4105 : Transport Phenomena	3	A
Practicals :		
BM-4301 : Control System	2	A
BM-4302 : U G Project	4	B
BM-4303 : Seminar	2	A
BM-4304 : Training/Tour Viva-Voce	2	S
Total Credits	25	
Sum of (Credits x Grade Point) obtained in Seventh Semester		220
Seventh Semester Grade Point Average (SGPA)		8.80

Passed and Promoted to VIII Semester

SEMESTER – VIII

Course No. & Subjects	Credits	Grade Obtained
Theory :		
U.G. Elective :		
BM-4201 : Bio Transport Process	4	A
BM-4202 : Radiation and Biomedical Applications	3	A
EC-4201 : LSI/VLSI Design	3	A
P.G. Elective		
BM-4203 : Biomedical Signal and Image Processing	3	A
BM-4204 : Composite Materials	3	A
Practicals :		
UG		
BM-4401 : Biomedical Instrumentation	2	A
PG		
BM-4402 : Biomechanics Lab.	2	A
BM-4403 : PG Project/Dissertation	4	A
BM-4404 : Comprehensive Viva-Voce	2	A
Total Credits	26	
Sum of (Credits x Grade Point) obtained in Eight Semester		234
Eight Semester Grade Point Average (SGPA)		9.00
Eight Semester Course		Passed
Cummulative Grade Point Average (CGPA) of Part IV		8.90
Part IV Course Passed or Failed		Passed
Cummulative Grade Point Average (CGPA) upto the end of IV Year Course		8.46
5-Year IDD (B.Tech. - M.Tech) Pt. IV Course Passed		

M. Tech-IDD SEMESTER – IX SESSION : 2012-2013

Course No. & Subjects	Credits	Grade Obtained
Theory :		
BM-5101: Computer Application in Biomedical Engineering	3	B
Electives I		
BM-5104: Advanced Biomechanics	3	B
PG Electives II		
BM-5106: Bioinformatics	3	A
PG Electives III		
BM-5114A: Industrial Management	3	A
Practicals :		
(PG) BM-5301 : Computer Application Lab.	2	A
BM-5302 : Seminar on Dissertation	5	A
BM-5303 : Dissertation Evaluation-I	5	A
Total Credits	24	
Sum of (Credits x Grade Point) obtained in Ninth Semester		210
Ninth Semester Grade Point Average (SGPA)		8.75

Passed and Promoted to X Semester

SEMESTER – X

Course No. & Subjects	Credits	Grade Obtained
BM-5401 : P.G. Seminar	1	A
BM-5402 : Dissertation Pre Submission Seminar	5	A
BM-5403 : Dissertation Evaluation-II	10	S
Total Credits	16	
Sum of (Credits x Grade Point) obtained in Tenth Semester		: 154
Tenth Semester Grade Point Average (SGPA)		: 9.63
Tenth Semester Course Passed or Failed		Passed
Yearly Grade Point Average (YGPA) of Part-V		: 9.10
Part V Course Passed or Failed		Passed
Yearly Grade Point Average (YGPA) of Part – IV		: 8.90
Yearly Grade Point Average (YGPA) of Part – III		: 8.76
Yearly Grade Point Average (YGPA) of Part – II		: 8.20
Yearly Grade Point Average (YGPA) of Part – I		: 7.98
Degree Grade Point Average (DGPA)		: 8.57
5-Year IDD (B. Tech. - M. Tech.) Course Passed in First Class.		

Refer Backside for Legend

Certified that the above statements are correct

Controller of Examinations

Controller of Examinations
Banaras Hindu University

LEGEND

Grade	Grade points	Merit
S	10	Outstanding
A	9	Excellent
B	8	Very Good
C	7	Good
D	6	Fair
E	5	Satisfactory
F	0	Failed
P	4	Pass
I	0	Incomplete

At the end of Tenth Semester a candidate is awarded a Semester Grade Point Average (SGPA) which is calculated as follows:

$$SGPA = \frac{\text{Sum of (Credits x Grade Points) obtained in Tenth Semester}}{\text{Total Credits of Tenth Semester}}$$

At the end of Part V a candidate is awarded an Yearly Grade Point Average (YGPA) which is calculated as follows:

$$YGPA = \frac{\text{Sum of (Credits x Grade Points) obtained in Ninth and Tenth Semesters}}{\text{Total Credits of Ninth and Tenth Semesters}}$$

A candidate is declared to have Passed the Tenth Semester Course if he/she has obtained Grade S,A,B,C,D,E or P in each subject of the Tenth Semester Course.

The Classes are declared at the end of the final year on the basis of Degree Grade Point Average calculated as follows:

$$DGPA = \frac{\text{Sum of the products (Credits x Grade Points) for all the courses up to part - V}}{\text{Sum of Credits of all the Courses up to part V}}$$

A student shall be considered to have passed the (IDD) M.tech/M Pharma course of he/she PASSED part I, Part II, Part III, Part IV and Part V of the course and has obtained a DGPA of 5.00

The 'Classes' are declared at the end of the Part V on the basis of Degree Grade point Average (DGPA) which is calculated as follows :

On the basis of DGPA, the 'Classes' are declared as follows:

DGPA	Class
7.50 and above	I Class with Honours
6.50 and above but below 7.50	I Class
5.00 and above but below 6.50	II Class
Below 5.00	Failed