



FATIMA COLLEGE (Autonomous), MADURAI - 625 018

(Affiliated to Madurai Kamaraj University)

College with Potential for Excellence - Re-Accredited with 'A' Grade by NAAC

B.S.C. DEGREE EXAMINATIONS

STATEMENT OF MARKS AND GRADES



NAME : JEBA REJOLIN J
 PROGRAMME : B.S.C. PHYSICS
 CENTRE CODE 603
 REGISTER No. : 2K11P18
 DATE OF PUBLICATION : 03.06.2014

| SEM | PART | COURSE CODE | COURSE TITLE | CREDITS | MAXIMUM | | | MARKS SECURED | | | GRADE POINT | GRADE | RESULT | M & YR | |
|-----|------|-------------|---|-----------------------|---------|------|------|---------------|------|------|-------------|-------|--------|--------|--|
| | | | | | INT. | EXT. | TOT. | INT. | EXT. | TOT. | | | | | |
| I | I | TLC1 | PART I LANGUAGE - TAMIL | 3 | 25 | 75 | 100 | 22 | 61 | 83 | 8.3 | D+ | P | N 11 | |
| II | I | TLC2 | PART I LANGUAGE - TAMIL | 3 | 25 | 75 | 100 | 21 | 65 | 86 | 8.6 | D+ | P | A 12 | |
| III | I | TLC3 | PART I LANGUAGE - TAMIL | 3 | 25 | 75 | 100 | 22 | 57 | 79 | 7.9 | D | P | N 12 | |
| IV | I | TLC4 | PART I LANGUAGE - TAMIL | 3 | 25 | 75 | 100 | 24 | 59 | 83 | 8.3 | D+ | P | A 13 | |
| I | II | ELC1 | PART II LANGUAGE - ENGLISH (INTERMEDIATE) | 3 | 25 | 75 | 100 | 22 | 58 | 80 | 8 | D+ | P | N 11 | |
| II | II | ELC2 | PART II LANGUAGE - ENGLISH (INTERMEDIATE) | 3 | 25 | 75 | 100 | 21 | 54 | 75 | 7.5 | D | P | A 12 | |
| III | II | ELC3 | PART II LANGUAGE - ENGLISH (INTERMEDIATE) | 3 | 25 | 75 | 100 | 21 | 57 | 78 | 7.8 | D | P | N 12 | |
| IV | II | ELC4 | PART II LANGUAGE - ENGLISH (INTERMEDIATE) | 3 | 25 | 75 | 100 | 20 | 58 | 78 | 7.8 | D | P | A 13 | |
| I | III | P1CC1 | MECHANICS AND PROPERTIES OF MATTER | 4 | 25 | 75 | 100 | 22 | 60 | 82 | 8.2 | D+ | P | N 11 | |
| I | III | P1CC2 | THERMAL PHYSICS | 3 | 25 | 75 | 100 | 24 | 70 | 94 | 9.4 | O+ | P | N 11 | |
| I | III | P1ACM1 | ALLIED MATHEMATICS - I | 5 | 25 | 75 | 100 | 24 | 69 | 93 | 9.3 | O | P | N 11 | |
| II | III | P2CC3 | OSCILLATIONS, WAVES AND FLUID DYNAMICS | 4 | 25 | 75 | 100 | 22 | 61 | 83 | 8.3 | D+ | P | A 12 | |
| II | III | P2CC4 | ADVANCED MECHANICS | 3 | 25 | 75 | 100 | 24 | 71 | 95 | 9.5 | O+ | P | A 12 | |
| II | III | P2CC5 | MAJOR PRACTICALS - I | 3 | 40 | 60 | 100 | 37 | 58 | 95 | 9.5 | O+ | P | A 12 | |
| II | III | P2ACM2 | ALLIED MATHEMATICS - II | 5 | 25 | 75 | 100 | 24 | 42 | 66 | 6.6 | A+ | P | A 12 | |
| III | III | P3CC6 | ELECTROMAGNETISM | 6 | 25 | 75 | 100 | 23 | 61 | 84 | 8.4 | D+ | P | N 12 | |
| III | III | P3ACC1 | ALLIED CHEMISTRY - I | 3 | 25 | 75 | 100 | 24 | 66 | 90 | 9 | O | P | N 12 | |
| IV | III | P4CC7 | ELECTRONICS | 6 | 25 | 75 | 100 | 22 | 59 | 81 | 8.1 | D+ | P | A 13 | |
| IV | III | P4CC8 | MAJOR PRACTICALS - II | 3 | 40 | 60 | 100 | 34 | 58 | 92 | 9.2 | O | P | A 13 | |
| IV | III | P4ACC2 | ALLIED CHEMISTRY - II | 3 | 25 | 75 | 100 | 24 | 59 | 83 | 8.3 | D+ | P | A 13 | |
| IV | III | P4ACC3 | ALLIED PRACTICALS | 4 | 40 | 60 | 100 | 39 | 40 | 79 | 7.9 | D | P | A 13 | |
| V | III | P5CC9 | ELECTRONICS AND COMMUNICATION | 6 | 25 | 75 | 100 | 22 | 62 | 84 | 8.4 | D+ | P | N 13 | |
| V | III | P5CC10 | OPTICS | 6 | 25 | 75 | 100 | 24 | 58 | 82 | 8.2 | D+ | P | N 13 | |
| V | III | P5MEB1 | PROGRAMMING WITH C | 5 | 25 | 75 | 100 | 24 | 58 | 82 | 8.2 | D+ | P | N 13 | |
| VI | III | P6CC11 | THERMODYNAMICS & STATISTICAL MECHANICS | 5 | 25 | 75 | 100 | 23 | 50 | 73 | 7.3 | A++ | P | A 14 | |
| VI | III | P6CC12 | MODERN PHYSICS | 5 | 25 | 75 | 100 | 24 | 42 | 66 | 6.6 | A+ | P | A 14 | |
| VI | III | P6CC13 | MAJOR PRACTICALS - III (ELECTRONICS) | 3 | 40 | 60 | 100 | 37 | 58 | 95 | 9.5 | O+ | P | A 14 | |
| VI | III | P6CC14 | MAJOR PRACTICALS - IV (NON ELECTRONICS) | 3 | 40 | 60 | 100 | 36 | 50 | 86 | 8.6 | D++ | P | A 14 | |
| VI | III | P6ME2 | MEDICAL PHYSICS | 5 | 25 | 75 | 100 | 24 | 62 | 86 | 8.6 | D+ | P | A 14 | |
| VI | III | P6ME3 | OPTOELECTRONICS | 5 | 25 | 75 | 100 | 21 | 61 | 82 | 8.2 | D+ | P | A 14 | |
| I | IV | S1NME1 | INTEGRATIVE PSYCHOLOGY | 2 | 50 | @ | 50 | 37 | @ | 37 | 7.4 | A++ | | N 11 | |
| II | IV | B2NME2 | ANIMATION USING FLASH | 2 | 50 | @ | 50 | 30 | @ | 30 | 6 | A | | A 12 | |
| III | IV | P3SB1 | PHYSICS OF HOUSEHOLD APPLIANCES - I | 2 | 50 | @ | 50 | 45 | @ | 45 | 9 | O | | N 12 | |
| IV | IV | P4SB2 | PHYSICS OF HOUSEHOLD APPLIANCES - II | 2 | 50 | @ | 50 | 42 | @ | 42 | 8.4 | D+ | | A 13 | |
| V | IV | P5SB3 | PHYSICS OF MEASURING INSTRUMENTS - I | 2 | 50 | @ | 50 | 33 | @ | 33 | 6.6 | A+ | | N 13 | |
| V | IV | P5SB4 | PHYSICS OF MEDICAL INSTRUMENTS - I | 2 | 50 | @ | 50 | 35 | @ | 35 | 7 | A++ | | N 13 | |
| VI | IV | P6SB5 | PHYSICS OF MEASURING INSTRUMENTS - II | 2 | 50 | @ | 50 | 43 | @ | 43 | 8.6 | D+ | | A 14 | |
| VI | IV | P6SB6 | PHYSICS OF MEDICAL INSTRUMENTS - II | 2 | 50 | @ | 50 | 44 | @ | 44 | 8.8 | D++ | | A 14 | |
| II | IV | G2VE1 | VALUE EDUCATION | 2 | 100 | @ | 100 | 88 | @ | 88 | 8.8 | D++ | | A 12 | |
| IV | IV | G4EE1 | ENVIRONMENTAL EDUCATION | 2 | 100 | @ | 100 | 78 | @ | 78 | 7.8 | D | | A 13 | |
| IV | V | AICUF | | 1 | 100 | @ | 100 | 64 | @ | 64 | 6.4 | A | | A 13 | |
| | | | | ADD ON CREDITS | | | | | | | | | | | |
| I | V | | COMPUTER LITERACY | 2 | 100 | @ | 100 | 96 | @ | 96 | | | | | |
| V | V | | HUMAN RIGHTS | 2 | 100 | @ | 100 | 88 | @ | 88 | | | | | |
| VI | V | | OUT REACH PROGRAMMES | 3 | 100 | @ | 100 | 90 | @ | 90 | | | | | |
| VI | V | | PROJECT | 3 | 100 | @ | 100 | 82 | @ | 82 | | | | | |

<<END OF STATEMENT>>



00138806

GRADE POINT AVERAGE (GPA)

CREDITS

| SEM | Part I | Part II | Part III | Part IV | Part V | SEM | Part I | Part II | Part III | Part IV | Part V | Earned | Required | |
|--|--------|---------|----------|---------|--------|-----|--------------|-----------|-----------|-----------|-----------|-----------|----------|--|
| I | 8.3 | 8 | 9 | 7.4 | - | IV | 8.3 | 7.8 | 8.3 | 8.1 | 6.4 | 150 | 140 | |
| II | 8.6 | 7.5 | 8.2 | 7.4 | - | V | - | - | 8.3 | 6.8 | - | | | |
| III | 7.9 | 7.8 | 8.6 | 9 | - | VI | - | - | 8 | 8.7 | - | | | |
| CUMULATIVE GRADE POINT AVERAGE (CGPA) | | | | | | | 8.2 | 7.7 | 8.3 | - | - | | | |
| SIGNATURE OF THE CANDIDATE | | | | | | | CLASS | ID | ID | ID | ID | ID | | |



Dr. Josephine
 CONTROLLER OF EXAMINATIONS

B. Josephine Primala
 PRINCIPAL



The American College, Madurai
(An Autonomous Institution Affiliated to Madurai Kamaraj University, India)



Transcript of Grade & Mark **160392**

JEBA REJOLIN.J
14PGP11

M.Sc. Physics
June 2014 - April 2016

| Course Number | Course Title | C.A. % | Ext. % | Total | Max. | Gr. | Course Number | Course Title | C.A. % | Ext. % | Total | Max. | Gr. |
|-----------------------|-----------------------------|--------|--------|-------|------|-----|---------------|------------------------------|--------|--------|-------|------|-----|
| SEMESTER - I | | | | | | | | | | | | | |
| PGP 4425 | Elect.dynamic&Plasma Phy. | 74 | 81 | 62 | 80 | D | PGP 4422 | Classical & Quantum Mech. | 82 | 83 | 66 | 80 | D |
| PGP 4427 | Laboratory - I | 76 | - | 61 | 80 | D | PGP 4424 | Condensed Matter Phy. - I | 87 | 77 | 66 | 80 | D |
| PGP 4521 | Mathematical Physics | 77 | 80 | 79 | 100 | D | PGP 4426 | Nuclear & Particle Physics | 86 | 85 | 68 | 80 | D+ |
| PGP 4523 | Analog&Physical Electronics | 71 | 57 | 64 | 100 | A | PGP 4428 | Laboratory - II | 73 | - | 58 | 80 | A+ |
| PGP 4429 | Instrumentation | 68 | 61 | 51 | 80 | A | PGP 4430 | Nano Physics | 89 | 80 | 68 | 80 | D+ |
| | | | | | | | PGP 4432 | Digi.Elect.&Micro Controller | 83 | 58 | 56 | 80 | A+ |
| SEMESTER - II | | | | | | | | | | | | | |
| SEMESTER - III | | | | | | | | | | | | | |
| PGP 5425 | Statistical Physics | 76 | 75 | 60 | 80 | D | PGP 5424 | Matrix,Fourier&Nonlin.Opt. | 90 | 81 | 68 | 80 | D- |
| PGP 5427 | Project - I | 88 | - | 70 | 80 | D+ | PGP 5428 | Project - II | 83 | - | 66 | 80 | D |
| PGP 5521 | Laser & Spectroscopy | 81 | 84 | 83 | 100 | D | PGP 5522 | Cryst. growth&Thinfilm Phy. | 78 | 74 | 76 | 100 | D |
| PGP 5523 | Condensed Matter Phy. - II | 92 | 75 | 83 | 100 | D | PGP 5526 | Adv. Quantum Mechanics | 89 | 81 | 85 | 100 | D+ |
| PGP 5429 | Num.Meth.,C++&Math.CAD | 89 | 84 | 69 | 80 | D+ | PGP 5430 | Astrophysics&Cosmology | 92 | 87 | 71 | 80 | D+ |
| SEMESTER - IV | | | | | | | | | | | | | |

Credits Earned: 90

Date of issue: 11/07/2016

Mark 1430/1800 79.4%

Credits Required: 90

Month & Year of Passing: April, 2016

GPA 9.0 Dist.

Candidate declared Eligible for M.Sc. Physics

C.A. - Continuous Assessment

r - Repeated after regular study

(r) - Passed on repeat attempt

J. Jeemal T. Raj
Controller of Examinations



M.O.V.
Principal

Dr. M. DAVAMANI CHRISTOBER
Principal & Secretary
The American College
Madurai-625 002



| | | | | | | | |
|--------|--------|-------|-------|-------|-------|-------|--------------|
| Marks | 85-100 | 75-84 | 65-74 | 60-64 | 55-59 | 50-54 | Less than 50 |
| Grade | D+ | D | A+ | A | B+ | B | F |
| Points | 10 | 9 | 8 | 7 | 6 | 5 | 0 |

D+ to B indicates successful completion of the course
 F indicates failure

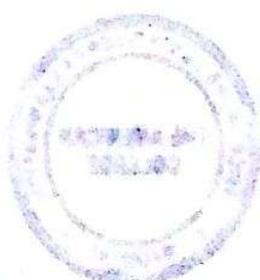
Grade Point Average :

$$GPA = \frac{\sum C_i(GP_i)}{\sum C_i}$$

Where

- C_i (indicated by the second digit of the course number)
 – Credit assigned for the course
- GP_i – Grade Point earned for the course
- Σ – Sum of all items

| | |
|------------|--|
| Entered by |  |
| Checked by |  |
| Issued by |  |





The American College, Madurai
(An Autonomous Institution Affiliated to Madurai Kamaraj University, India)



Transcript of Grade & Mark **171238**

JEBA REJOLIN.J
16MPP03

M.Phil. Physics
June 2016 - April 2017

| Course Number | Course Title | C.A. % | Ext. % | Total | Max. | Gr. | Course Number | Course Title | C.A. % | Ext. % | Total | Max. | Gr. |
|---------------------|--------------------------|--------|--------|-------------------|------|-----|----------------------|--------------|--------|--------|-------|------|-----|
| SEMESTER - I | | | | | | | SEMESTER - II | | | | | | |
| MPP 6611 | Dissertation | | | Sequential Course | | | MPP 6600 | Dissertation | 71 | - | 170 | 240 | A+ |
| MPP 6613 | Research Methodology | 93 | 94 | 112 | 120 | D+ | | | | | | | |
| MPP 6615 | Adv. Topics in Physics | 92 | 82 | 104 | 120 | D+ | | | | | | | |
| MPP 6617 | Vacuum Tech & Thin Films | 83 | 83 | 100 | 120 | D | | | | | | | |

Date of Viva-Voce - 17-June-2017

Credits Earned: 30 Date of issue: 11/08/2017 Mark 486/600 81.0%
Credits Required: 30 Month & Year of Passing: June, 2017 GPA 9.0 Dist.

Candidate declared Eligible for M.Phil. Physics

C.A. - Continuous Assessment r - Repeated after regular study (r) - Passed on repeat attempt

J. Joseph & T. P. J.
Controller of Examinations



H. D. M.
Principal

Dr. M. DAVANAMI CHRISTOBER
Principal & Secretary
The American College
Madurai-625 002



| | | | | | | | |
|--------|--------|-------|-------|-------|-------|-------|--------------|
| Marks | 85-100 | 75-84 | 65-74 | 60-64 | 55-59 | 50-54 | Less than 50 |
| Grade | D+ | D | A+ | A | B+ | B | F |
| Points | 10 | 9 | 8 | 7 | 6 | 5 | 0 |

D+ to B indicates successful completion of the course
 F indicates failure

Grade Point Average :

$$GPA = \frac{\sum C_i(GP)_i}{\sum C_i}$$

Where

- C_i (indicated by the second digit of the course number)
 – Credit assigned for the course
- GP_i – Grade Point earned for the course
- Σ – Sum of all items

| | |
|------------|--|
| Entered by |  |
| Checked by |  |
| Issued by |  |