



(AUTONOMOUS COLLEGE AFFILIATED TO BANGALORE UNIVERSITY)

C₁

2513


TRANSCRIPT / STATEMENT OF CONSOLIDATED MARKS

| Name | Reg. No. | Course | Years of Study | Medium of Instruction |
|---------------|------------|--------------|----------------|-----------------------|
| SUSHMITHA H S | 13CZBT3626 | B.Sc. [CZBT] | 2013 - 2016 | English |

| Code | Max Marks | Marks Obtained | Grade | Credits | Year of Passing | Code | Max Marks | Marks Obtained | Grade | Credits | Year of Passing |
|--------------|-----------|----------------|-------|---------|-----------------|-------------|-----------|----------------|-------|---------|-----------------|
| SEMESTER I | | | | | | SEMESTER II | | | | | |
| KA 112 | 100 | 78 | A+ | 4 | Oct 2013 | KA 212 | 100 | 76 | A+ | 4 | Apr 2014 |
| GE 112 | 100 | 61 | B | 4 | Oct 2013 | GE 212 | 100 | 64 | A | 4 | Apr 2014 |
| CH 112 | 100 | 76 | A | 4 | Oct 2013 | CH 212 | 100 | 65 | B | 4 | Apr 2014 |
| CH 1P1 | 50 | 47 | A+ | 1 | Oct 2013 | CH 2P1 | 50 | 49 | A+ | 1 | Apr 2014 |
| ZO 112 | 100 | 83 | A+ | 4 | Oct 2013 | ZO 212 | 100 | 93 | A+ | 4 | Apr 2014 |
| ZO 1P1 | 50 | 49 | A+ | 1 | Oct 2013 | ZO 2P1 | 50 | 49 | A+ | 1 | Apr 2014 |
| BT 112 | 100 | 73 | A | 4 | Oct 2013 | BT 212 | 100 | 84 | A+ | 4 | Apr 2014 |
| BT 1P1 | 50 | 49 | A+ | 1 | Oct 2013 | BT 2P1 | 50 | 50 | A+ | 1 | Apr 2014 |
| FC CS | | | B | 2 | Oct 2013 | FC IC | | | B | 2 | Apr 2014 |
| SEMESTER III | | | | | | SEMESTER IV | | | | | |
| KA 312 | 100 | 77 | A+ | 4 | Oct 2014 | KA 412 | 100 | 82 | A+ | 4 | Apr 2015 |
| GE 312 | 100 | 66 | A | 4 | Oct 2014 | GE 412 | 100 | 73 | A+ | 4 | Apr 2015 |
| CH 312 | 100 | 66 | B | 4 | Oct 2014 | CH 412 | 100 | 70 | A | 4 | Apr 2015 |
| CH 3P1 | 50 | 47 | A+ | 1 | Oct 2014 | CH 4P1 | 50 | 50 | A+ | 1 | Apr 2015 |
| ZO 312 | 100 | 94 | A+ | 4 | Oct 2014 | ZO 412 | 100 | 84 | A+ | 4 | Apr 2015 |
| ZO 3P1 | 50 | 47 | A+ | 1 | Oct 2014 | ZO 4P1 | 50 | 49 | A+ | 1 | Apr 2015 |
| BT 312 | 100 | 82 | A+ | 4 | Oct 2014 | BT 412 | 100 | 84 | A+ | 4 | Apr 2015 |
| BT 3P1 | 50 | 46 | A+ | 1 | Oct 2014 | BT 4P1 | 50 | 42 | A+ | 1 | Apr 2015 |
| SEMESTER V | | | | | | SEMESTER VI | | | | | |
| CH 5112 | 100 | 76 | A | 3 | Oct 2015 | CH 6112 | 100 | 65 | B | 3 | Apr 2016 |
| CH 5P1 | 50 | 47 | A+ | 1 | Oct 2015 | CH 6P1 | 50 | 49 | A+ | 1 | Apr 2016 |
| CH 5212 | 100 | 73 | A | 3 | Oct 2015 | CH 6212 | 100 | 78 | A | 3 | Apr 2016 |
| CH 5P2 | 50 | 39 | A | 1 | Oct 2015 | CH 6P2 | 50 | 46 | A+ | 1 | Apr 2016 |
| ZO 5112 | 100 | 90 | A+ | 3 | Oct 2015 | ZO 6112 | 100 | 88 | A+ | 3 | Apr 2016 |
| ZO 5P1 | 50 | 44 | A+ | 1 | Oct 2015 | ZO 6P1 | 50 | 47 | A+ | 1 | Apr 2016 |
| ZO 5212 | 100 | 92 | A+ | 3 | Oct 2015 | ZO 6212 | 100 | 84 | A+ | 3 | Apr 2016 |
| ZO 5P2 | 50 | 49 | A+ | 1 | Oct 2015 | ZO 6P2 | 50 | 47 | A+ | 1 | Apr 2016 |
| BT 5112 | 100 | 81 | A+ | 3 | Oct 2015 | BT 6112 | 100 | 86 | A+ | 3 | Apr 2016 |
| BT 5P1 | 50 | 46 | A+ | 1 | Oct 2015 | BT 6P1 | 50 | 41 | A+ | 1 | Apr 2016 |
| BT 5212 | 100 | 77 | A | 3 | Oct 2015 | BT 6212 | 100 | 86 | A+ | 3 | Apr 2016 |
| BT 5P2 | 50 | 43 | A+ | 1 | Oct 2015 | BT 6P2 | 50 | 38 | A | 1 | Apr 2016 |
| | | | | | | TP | | | A+ | 4 | Apr 2016 |

| Result | Max Marks | Marks Obtained | Percentage | Credits Awarded | CGPA |
|-------------|-----------|----------------|------------|-----------------|------|
| FIRST CLASS | 3600 | 3040 | 84.44 | 148 | 4.51 |

The titles of the papers corresponding to the codes are mentioned overleaf.


CONTROLLER OF EXAMINATIONS




PRINCIPAL

Date of Issue: May 30, 2016

13CZBT3626
713606

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

A52-S-B1-BP-278



Bangalore University



ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ

*We, the Chancellor, the Pro - Chancellor, the Vice - Chancellor
ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರಾದ ನಾವು
the members of the Syndicate & Academic Council*

Certify that

Sushmitha H S

.....ಅವರು
ಯಥಾಯೋಗ್ಯವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪಡೆದಿರುವರೆಂದು ದೃಢೀಕರಿಸುತ್ತಾ
has been duly admitted to the Degree of

ಬ್ಯಾಚುಲರ್ ಆಫ್ ಸೈನ್ಸ್

BACHELOR OF SCIENCE

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿರುವುದರಿಂದ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
in recognition of the fulfilment of requirements
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. ಈ ಪದವಿಯ ವಿವರಗಳು ಹೀಗಿವೆ
for the said degree as indicated below

April 2016

ಪರೀಕ್ಷೆಯ ವರ್ಷ :

Year of Examination :

Chemistry, Zoology, Biotechnology

ಅಧ್ಯಯನದ ವಿಷಯ :

Subjects :

FIRST

ಪಡೆದ ವರ್ಗ :

Class :

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದ್ರೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ

Given under the seal of the University

ಬೆಂಗಳೂರು

Bengaluru :

ದಿನಾಂಕ

Date :

27/01/2017

Date of Issue

19 JUN 2017

ಕುಲಪತಿ

Vice - Chancellor

4447676 / 4337192

BANGALORE UNIVERSITY



Degree : **MASTER OF SCIENCE - BIOCHEMISTRY**
 Scheme : **CBCS**
 Sem : **1**
 Month & Year of Examination : **Dec / 2016**
 NAME : **SUSHMITHA H S**

STATEMENT OF MARKS

Date : **20/02/2018**Register Number : **16KUSBM007**

| SL. No. | SUBJECT | MARKS | | | | | | | | | GRADE POINTS* | CREDITS ASSIGNED | CREDIT POINTS | REMARKS |
|--|--|------------|-----|---------|-----|---------|------------------------------|------------|------------|-------------|---------------|------------------|---------------|---------|
| | | TH/PR/PROJ | | | IA | | SUBJECT TOTAL | | | | | | | |
| | | MAX | MIN | SECURED | MAX | SECURED | MAX | MIN | SECURED | | | | | |
| 1 | BCH-T101:BIOPHYSICAL AND BIO-ORGANIC CHEMISTRY | 70 | 25 | 46 | 30 | 30 | 100 | 40 | 76 | 8 | 4 | 32 | | |
| 2 | BCH-T102:BIOMOLECULES | 70 | 25 | 46 | 30 | 30 | 100 | 40 | 76 | 8 | 4 | 32 | | |
| 3 | BCH-T103:ANALYTICAL BIOCHEMISTRY-I | 70 | 25 | 48 | 30 | 30 | 100 | 40 | 78 | 8 | 4 | 32 | | |
| 4 | BCH-T104:GENERAL PHYSIOLOGY | 70 | 25 | 52 | 30 | 30 | 100 | 40 | 82 | 8.5 | 4 | 34 | | |
| 5 | BCH-SCT105:NUTRITION | 70 | 25 | 41 | 30 | 30 | 100 | 40 | 71 | 7.5 | 2 | 15 | | |
| 6 | BCH-P106:GEN.BIOCHEMISTRY-I | 70 | 25 | 52 | 30 | 30 | 100 | 40 | 82 | 8.5 | 4 | 34 | | |
| 7 | BCH-P107:GEN.BIOCHEMISTRY-II | 70 | 25 | 52 | 30 | 30 | 100 | 40 | 82 | 8.5 | 4 | 34 | | |
| GRAND TOTAL | | | | | | | 700 | 280 | 547 | 57.0 | 26 | 213 | | |
| TOTAL MARKS FIVE HUNDRED AND FORTY SEVEN | | | | | | | FIRST CLASS EXEMPLARY | | | | A+ | | | |
| Semester Grade Point Average (SGPA)* 8.19 | | | | | | | | | | | | | | |

* See Overleaf 1) Minimum for pass in each subject is 35% in exam and 40% in aggregate (including Internal Assessment). No minimum for internal Assessment.
 Note :- 2) Please see overleaf for conversion table & final result/grade description.

Signature of the Candidate

M.S. Ramaiah College of Arts, Science & Commerce
 Signature of the Principal/Chairperson



REGISTRAR (EVALUATION)

4447799 / 4339364

BANGALORE UNIVERSITY



Degree : **MASTER OF SCIENCE - BIOCHEMISTRY**
 Scheme : **CBCS**
 Sem : **2**
 Month & Year of Examination : **Jun / 2017**
 NAME : **SUSHMITHA H S**

STATEMENT OF MARKS

Date : **20/02/2018**Register Number : **16KUSBM007**

| SL. No. | SUBJECT | MARKS | | | | | | | GRADE POINTS* | CREDITS ASSIGNED | CREDIT POINTS | REMARKS | |
|---|--|------------------------------|-----|---------|-----|---------|---------------|------------|---------------|------------------|---------------|------------|---------|
| | | TH/PR/PROJ | | | IA | | SUBJECT TOTAL | | | | | | |
| | | MAX | MIN | SECURED | MAX | SECURED | MAX | MIN | | | | | SECURED |
| 1 | BCH-T201:ENZYMOLGY | 70 | 25 | 47 | 30 | 30 | 100 | 40 | 77 | 8 | 4 | 32 | |
| 2 | BCH-T202:ANALYTICAL BIOCHEMISTRY-II | 70 | 25 | 49 | 30 | 30 | 100 | 40 | 79 | 8 | 4 | 32 | |
| 3 | BCH-T203:METABOLISM-I | 70 | 25 | 52 | 30 | 30 | 100 | 40 | 82 | 8.5 | 4 | 34 | |
| 4 | BCH-T204:MEMBRANE BIOCHEMISTRY | 70 | 25 | 46 | 30 | 30 | 100 | 40 | 76 | 8 | 4 | 32 | |
| 5 | BCH-SCT205:MICROBIOLOGY | 70 | 25 | 48 | 30 | 29 | 100 | 40 | 77 | 8 | 2 | 16 | |
| 6 | BCH-P206:IMMUNOCHEMICAL & BIOCHEMICAL TECHNIQUES | 70 | 25 | 56 | 30 | 30 | 100 | 40 | 86 | 9 | 4 | 36 | |
| 7 | BCH-P207:ENZYMOLGY | 70 | 25 | 56 | 30 | 30 | 100 | 40 | 86 | 9 | 4 | 36 | |
| GRAND TOTAL | | | | | | | 700 | 280 | 563 | 58.5 | 26 | 218 | |
| TOTAL MARKS FIVE HUNDRED AND SIXTY THREE | | FIRST CLASS EXEMPLARY | | | | | | | A+ | | | | |
| Semester Grade Point Average (SGPA)* | | 8.38 | | | | | | | | | | | |

* See Overleaf Note :-
 1) Minimum for pass in each subject is 35% in exam and 40% in aggregate (including Internal Assessment). No minimum for internal Assessment.
 2) Please see overleaf for conversion table & final result/grade description.

Signature of the Candidate

M.S. Ramiah
 M.S. Ramiah College of Arts, Science & Commerce
 Signature of the Principal/Chairperson



Ommya
 REGISTRAR (EVALUATION)

4739681 / 4677785

BANGALORE UNIVERSITY



Degree : **MASTER OF SCIENCE - BIOCHEMISTRY**
 Scheme : **CBCS**
 Sem : **3**
 Month & Year of Examination : **Dec / 2017**
 NAME : **SUSHMITHA H S**

STATEMENT OF MARKS

Date : 14/08/2018

Register Number : 16KUSBM007



| SL. No. | SUBJECT | MARKS | | | | | | | GRADE POINTS* | CREDITS ASSIGNED | CREDIT POINTS | REMARKS | |
|---|---------------------------------------|---------------------------------------|-----|---------|-----|---------|--------------------------------|------------|---------------|------------------|---------------|------------|---------|
| | | TH/PR/PROJ | | | IA | | SUBJECT TOTAL | | | | | | |
| | | MAX | MIN | SECURED | MAX | SECURED | MAX | MIN | | | | | SECURED |
| 1 | BCH-T301:MOLECULAR BIOLOGY-I | 70 | 25 | 30 | 30 | 30 | 100 | 40 | 60 | 6 | 4 | 24 | |
| 2 | BCH-T302:MOLECULAR PHYSIOLOGY | 70 | 25 | 53 | 30 | 30 | 100 | 40 | 83 | 8.5 | 4 | 34 | |
| 3 | BCH-T303:METABOLISM-II | 70 | 25 | 45 | 30 | 30 | 100 | 40 | 75 | 7.5 | 4 | 30 | |
| 4 | OPEN ELECTIVE:MANAGEMENT PERSPECTIVES | 70 | 25 | 50 | 30 | 30 | 100 | 40 | 80 | 8 | 4 | 32 | |
| 5 | BCH-P305:CLINICAL BIOCHEMISTRY | 70 | 25 | 54 | 30 | 30 | 100 | 40 | 84 | 8.5 | 4 | 34 | |
| 6 | BCH-P306:MOLECULAR BIOLOGY | 70 | 25 | 61 | 30 | 30 | 100 | 40 | 91 | 9.5 | 4 | 38 | |
| GRAND TOTAL | | | | | | | 600 | 240 | 473 | 48.0 | 24 | 192 | |
| TOTAL MARKS | | FOUR HUNDRED AND SEVENTY THREE | | | | | FIRST CLASS DISTINCTION | | | A | | | |
| Semester Grade Point Average (SGPA)* | | 8 | | | | | | | | | | | |

*See Overleaf) Minimum for pass in each subject is 35% in exam and 40% in aggregate (Including Internal Assessment).No minimum for internal Assessment.
 Note :- 2) Please see overleaf for conversion table & final result/grade description.

Signature of the Candidate

Sushmitha H S
 Signature of the Principal/Chairperson



Sushmitha H S
 REGISTRAR (EVALUATION)

4924425 / 4757331

BANGALORE UNIVERSITY



Degree : MASTER OF SCIENCE - BIOCHEMISTRY
 Scheme : CBCS
 Sem : 4
 Month & Year of Examination : Jun / 2018
 NAME : SUSHMITHA H S

STATEMENT OF MARKS

Date : 29/01/2019
 Register Number : 16KUSBM007



| SL. No. | SUBJECT | MARKS | | | | | | | | | GRADE POINTS* | CREDITS ASSIGNED | CREDIT POINTS | REMARKS |
|--------------------------|--|------------|-----|---------|-----|---------|--|-----|---------|----------------------------------|---------------|------------------|-----------------------------|---------|
| | | TH/PR/PROJ | | | IA | | SUBJECT TOTAL | | | | | | | |
| | | MAX | MIN | SECURED | MAX | SECURED | MAX | MIN | SECURED | | | | | |
| 1 | BCH-T401:MOLECULAR BIOLOGY-II | 70 | 25 | 48 | 30 | 30 | 100 | 40 | 78 | 8 | 4 | 32 | | |
| 2 | BCH-T402:BIOCHEMICAL GENETICS | 70 | 25 | 54 | 30 | 30 | 100 | 40 | 84 | 8.5 | 4 | 34 | | |
| 3 | BCH-T403:BIOTECHNOLOGY | 70 | 25 | 43 | 30 | 30 | 100 | 40 | 73 | 7.5 | 4 | 30 | | |
| 4 | BCH-T404:IMMUNOLOGY AND TOXICOLOGY | 70 | 25 | 33 | 30 | 30 | 100 | 40 | 63 | 6.5 | 4 | 26 | | |
| 5 | BCH-P405:GENETIC ENGINEERING AND PROTEIN CHEMISTRY | 70 | 25 | 48 | 30 | 30 | 100 | 40 | 78 | 8 | 4 | 32 | | |
| 6 | BCH-PR406:PROJECT WORK | 70 | 0 | 52 | 30 | 30 | 100 | 40 | 82 | 8.5 | 4 | 34 | | |
| GRAND TOTAL | | | | | | | 600 | 240 | 458 | 47.0 | 24 | 188 | | |
| Semester Result : | | | | | | | FOUR HUNDRED AND FIFTY EIGHT | | | FIRST CLASS DISTINCTION ; | | | SGPA - 7.83 A Grade | |
| TOTAL MARKS | | | | | | | Course Result : Marks Secured / Total , 2041/2600 , | | | FIRST CLASS EXEMPLARY ; | | | CGPA - 8.11 A+ Grade | |

* See Overleaf Note :- 1) Minimum for pass in each subject is 35% in exam and 40% in aggregate (including Internal Assessment). No minimum for Internal Assessment.
 2) Please see overleaf for conversion table & final result/grade description.

Signature of the Candidate

Signature of the Principal/Chairperson



REGISTRAR (EVALUATION)



RAMAIAH

M S RAMAIAH

COLLEGE OF ARTS, SCIENCE AND COMMERCE

(Re-accredited "A" by NAAC, Permanently affiliated to
Bangalore University, Approved by AICTE)

PROVISIONAL DEGREE CERTIFICATE

No. **2416**

This is to certify that Mr./Ms. SUSHMITHA. H.S.

was a student of this Institution during the year 2016-2017 to 2017-2018

He/She has passed the M.Sc. Bio-Chemistry Degree Examination held by

the Bangalore University in the year JUNE-2018 in First / Second / Pass Class under

Reg. No. 16KUSBM007 the Degree Certificate will be awarded to him/her

at the next Annual Convocation of the University or thereafter.....

27/11/2018
Date

Principal
M. S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore-560054

107378

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ



0002333

Bangalore University



Rank Certificate

Sri / Smt

Sushmitha H S

bearing Register No.

16KUSBM007

has secured

THIRD

Rank in

M.Sc.Biochemistry

Examination held in

June 2018

He / She was placed in

securing 2048

Marks out of

2600

Bengaluru

22/04/2019

Dated :

Registrar (Evaluation)