



Government of Nepal
Ministry of Education, Science and Technology
Curriculum Development Centre
Sanothimi, Bhaktapur

Phone: 6630588

6634119

6630088

Fax: 6630797

Notice Board: 1618016630797

www.moecdc.gov.np

Ref. No. 2080-81-13651

Reg.No:2080/81-00012515

3066/2080-81

Date:
2023-12-08

Subject : Recognition and Equivalency

With regard to the application submitted by Mr./Ms. Aryan Joshi for the recognition and equivalency of Central Board of Secondary Education, New Delhi, the Recognition and Equivalency Determination Committee, Curriculum Development Centre, Ministry of Education, Science and Technology, Government of Nepal as per its decision dated 2073-04-04 recognizes that Senior School Certificate Examination of the board is equivalent to Secondary Level Grade 12 of Nepal.


Suman Silwal
Section Officer

Note : The concerned body must personally verify the authenticity of the student's certificates from the respective board. This recognition and equivalency has been awarded only to the academic degree of the above mentioned board. If the documents submitted during application are found to be fraudulent, this certificate shall be cancelled at any time.

केन्द्रीय माध्यमिक शिक्षा बोर्ड
Central Board of Secondary Education



सीनियर स्कूल सर्टिफिकेट परीक्षा, 2018

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION, 2018

यह प्रमाणित किया जाता है कि
This is to certify that **ARYAN JOSHI**

अनुक्रमांक Roll No. **4835011**

माता का नाम Mother's Name **SITA JOSHI**

पिता/संरक्षक का नाम Father's / Guardian's Name **SHANKAR RAJ JOSHI**

ने बोर्ड द्वारा मार्च, 2018 में आयोजित सीनियर स्कूल सर्टिफिकेट परीक्षा
has passed the Senior School Certificate Examination of the Board held in March, 2018

विद्यालय से
from **06524 - M E S RAJA RES SCH CHATHAMANGALAM CALICUT DT KL**

निम्न विषयों में उत्तीर्ण की :
In the following subjects :

ENGLISH CORE

COMPUTER SCIENCE

MATHEMATICS

PHYSICS

CHEMISTRY

WORK EXPERIENCE

PHY & HEALTH EDUCA

GENERAL STUDIES

दिल्ली

Delhi

दिनांक

/ Thiruvananthapuram

Dated :

26-05-2018 / 30-11-2018

(Signature)

Assistant Secretary
Central Board of Secondary Education
Controller of Examinations
Regional Office, Palam,
Thiruvananthapuram, Kerala - 695004



केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION
अंक विवरणिका
MARKS STATEMENT

सीनियर स्कूल सर्टिफिकेट परीक्षा, 2018

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION, 2018

विद्यार्थी का नाम Name of Student **ARYAN JOSHI**

अनुक्रमांक Roll No. **4835011**

माता का नाम Mother's Name **SITA JOSHI**

पिता/संरक्षक का नाम Father's/Guardian's Name **SHANKAR RAJ JOSHI**

विद्यालय School **06524 - M E S RAJA RES SCH CHATHAMANGALAM CALICUT DT KL**

| विषय कोड SUB. CODE | विषय SUBJECT | प्राप्तांक MARKS OBTAINED | | | | स्थितीय ग्रेड POSITIONAL GRADE |
|--------------------------|--------------------|---------------------------|------------------------|--------------|----------------------------------|--------------------------------------|
| | | लिखित THEORY | प्रायोगिक PRACTICAL | योग TOTAL | योग शब्दों में TOTAL IN WORDS | |
| 301 | ENGLISH CORE | 080 | XXX | 080 | EIGHTY | B1 |
| 083 | COMPUTER SCIENCE | 058 | 030 | 088 | EIGHTY EIGHT | A2 |
| 041 | MATHEMATICS | 095 | XXX | 095 | NINETY FIVE | A1 |
| 042 | PHYSICS | 055 | 030 | 085 | EIGHTY FIVE | A2 |
| 043 | CHEMISTRY | 051 | 029 | 080 | EIGHTY | B1 |
| 500 | WORK EXPERIENCE | | | | | D1 |
| 502 | PHY & HEALTH EDUCA | | | | | B1 |
| 503 | GENERAL STUDIES | | | | | A2 |

संक्षिप्तियों का अर्थ : Abbreviations

AB : अनुपस्थित Absent

FP : प्रयोगात्मक में असफल Fail in Practical

FT : लिखित में असफल Fail in Theory

परिणाम Result **PASS**

दिल्ली Delhi / Thiruvananthapuram
दिनांक Dated : 26-05-2018 / 30-11-2018


Assistant Secretary
Central Board of Secondary Education
Regional Office, Pattom
Thiruvananthapuram, Kerala - 695004

केन्द्रीय माध्यमिक शिक्षा बोर्ड
CENTRAL BOARD OF SECONDARY EDUCATION

क्रम सं. प्रवास 2146593

S.No. Mig/2018/



प्रवास प्रमाण पत्र
MIGRATION CERTIFICATE

प्रमाणित किया जाता है कि

ARYAN JOSHI

This is to certify that

अनुक्रमांक

आत्मज/आत्मजा श्रीमती

Roll No. 4835011

Son / Daughter of Smt. SITA JOSHI

एवं श्री

and Shri SHANKAR RAJ JOSHI

Student of 06524 M E S RAJA RES SCH CHATHAMANGALAM CALICUT DT KL

के छात्र जो कि बोर्ड द्वारा मान्यता प्राप्त है ने बोर्ड की

an institution affiliated with the Board has been registered in the

ALL INDIA SR SCHOOL CERTIFICATE EXAMINATION 2018 परीक्षा के लिए पंजीकृत है
of the Board

उसके द्वारा किसी भी मान्यता प्राप्त महाविद्यालय/संस्था में प्रवेश लेने अथवा विधि द्वारा मान्य किसी भी विश्वविद्यालय

या अन्य बोर्ड की परीक्षा देने में बोर्ड को कोई आपत्ति नहीं है।

This Board has no objection in his/her joining any recognised College/Institute or taking examination of any University or Board established by law.

दिल्ली

Delhi

26-05-2018

दिनांक

Dated

सहायक सचिव
Asstt. Secretary



M.E.S. RAJA RESIDENTIAL SCHOOL

(Affiliated to The Central Board of Secondary Education, New Delhi)

(Affiliation Code No. 930007 / 758)

CALICUT N.I.T. CAMPUS (P.O.), CALICUT, KERALA - PIN 673 601

CHARACTER AND CONDUCT CERTIFICATE

This is to certify that Master/Miss ARYAN JOSHI

(Admission No. 7789) was/is a student of this school during

2016.....2018..... and that his/her character and conduct during this period have/had

been good

Date: 25-05-2018




PRINCIPAL Principal
M.E.S. Raja Residential School
N.I.T. Campus, Calicut-673 601



Visvesvaraya Technological University, Belagavi

Karnataka State, INDIA

220220901079

TRANSCRIPT AS PER RECORDS

Name: ARYAN JOSHI

University Seat No: 1BY18IS133

Year of admission: 2018

Mon & Yr. of completion: 072022

Academic Program: Bachelor of Engineering
(Information Science & Engineering)

1. Duration of the Course: 4 Years

2. Medium of Instructions: English

3. Percentage = (CGPA-0.75) * 10

4. First class with Distinction(FCD): Greater than or equal to 70%

First Class (FC): Greater than or equal to 60 % but less than 70%

SecondClass (SC): Less than 60%

| Course Code | Course Name | Credits | Grade | Mon&Yr | Attempts |
|---------------------|---|---------|-------|--------|----------|
| I Semester | | | | | |
| 18MAT11 | Calculus and Linear Algebra | 4 | C | 012019 | 1 |
| 18PHY12 | Engineering Physics | 4 | C | 012019 | 1 |
| 18ELE13 | Basic Electrical Engineering | 3 | D | 012019 | 1 |
| 18CIV14 | Elements of Civil Engineering & Mechanics | 3 | D | 012019 | 1 |
| 18EGDL15 | Engineering Graphics | 3 | A | 012019 | 1 |
| 18PHYL16 | Engineering Physics Laboratory | 1 | A | 012019 | 1 |
| 18EEL17 | Basic Electrical Engineering Laboratory | 1 | A | 012019 | 1 |
| 18EGH18 | Technical English - I | 1 | C | 012019 | 1 |
| II Semester | | | | | |
| 18MAT21 | Advanced Calculus and Numerical Methods | 4 | B | 072019 | 1 |
| 18CHE22 | Engineering Chemistry | 4 | B | 072019 | 1 |
| 18CPS23 | C Programming for Problem Solving | 3 | D | 072019 | 1 |
| 18ELN24 | Basic Electronics | 3 | D | 072019 | 1 |
| 18ME25 | Elements of Mechanical Engineering | 3 | C | 072019 | 1 |
| 18CHEL26 | Engineering Chemistry Laboratory | 1 | B | 072019 | 1 |
| 18CPL27 | C Programming Laboratory | 1 | S | 072019 | 1 |
| 18EGH28 | Technical English - II | 1 | B | 072019 | 1 |
| III Semester | | | | | |
| 18MAT31 | Transform Calculus, Fourier Series & Num | 3 | C | 012020 | 1 |
| 18CS32 | Data Structures and Applications | 4 | C | 012020 | 1 |
| 18CS33 | Analog and Digital Electronics | 3 | D | 012020 | 1 |
| 18CS34 | Computer Organization | 3 | C | 012020 | 1 |
| 18CS35 | Software Engineering | 3 | D | 012020 | 1 |
| 18CS36 | Discrete Mathematical Structures | 3 | C | 012020 | 1 |
| 18CSL37 | Analog and Digital Electronics Laboratory | 2 | B | 012020 | 1 |
| 18CSL38 | Data Structures Laboratory | 2 | A | 012020 | 1 |
| 18KVK39 | Vyavaharika Kannada | 1 | S | 012020 | 1 |
| IV Semester | | | | | |
| 18MAT41 | Complex Analysis, Probability & Stat. Method* | 3 | B | 082020 | 1 |
| 18CS42 | Design and Analysis of Algorithms | 4 | B | 082020 | 1 |
| 18CS43 | Operating Systems | 3 | B | 082020 | 1 |
| 18CS44 | Microcontroller and Embedded Systems | 3 | B | 082020 | 1 |
| 18CS45 | Object Oriented Concepts | 3 | C | 082020 | 1 |
| 18CS46 | Data Communication | 3 | B | 082020 | 1 |
| 18CSL47 | Design and Analysis of Algorithm Laboratory | 2 | B | 082020 | 1 |
| 18CSL48 | Microcontroller and Embedded Systems Lab. | 2 | B | 082020 | 1 |
| 18CPC49 | Const. of India, Prof. Ethics & Cyber Law | 1 | C | 082020 | 1 |

CGPA: 7.90

Percentage: 71.50

| Course Code | Course Name | Credits | Grade | Mon&Yr | Attempts |
|----------------------|--|---------|-------|--------|----------|
| V Semester | | | | | |
| 18CS51 | Management and Entrepreneurship for IT | 3 | C | 012021 | 1 |
| 18CS52 | Computer Networks and Security | 4 | B | 012021 | 1 |
| 18CS53 | Database Management Systems | 4 | B | 012021 | 1 |
| 18CS54 | Automata Theory and Computability | 3 | B | 012021 | 1 |
| 18CS55 | Application Development using Python | 3 | B | 012021 | 1 |
| 18CS56 | Unix Programming | 3 | B | 012021 | 1 |
| 18CSL57 | Computer Network Laboratory | 2 | A | 012021 | 1 |
| 18CSL58 | DBMS Laboratory with mini project | 2 | A | 012021 | 1 |
| 18CIV59 | Environmental Studies | 1 | B | 012021 | 1 |
| VI Semester | | | | | |
| 18IS61 | File Structures | 4 | B | 082021 | 1 |
| 18IS62 | Software Testing | 4 | B | 082021 | 1 |
| 18CS63 | Web Technology and its applications | 4 | B | 082021 | 1 |
| 18CS64 | Cloud Computing and its Applications | 3 | C | 082021 | 1 |
| 18ME65 | Advanced Materials Technology | 3 | A | 082021 | 1 |
| 18ISL66 | Software Testing Laboratory | 2 | B | 082021 | 1 |
| 18ISL67 | File Structures Laboratory with mini project | 2 | B | 082021 | 1 |
| 18CSMP68 | Mobile Application Development | 2 | B | 082021 | 1 |
| VII Semester | | | | | |
| 18CS71 | Artificial Intelligence and Machine Learning | 4 | A | 012022 | 1 |
| 18CS72 | Big Data Analytics | 4 | B | 012022 | 1 |
| 18CS73 | User Interface Design | 3 | A | 012022 | 1 |
| 18CS74 | Cryptography | 3 | B | 012022 | 1 |
| 18EE75 | Electrical Energy Conservation and | 3 | B | 012022 | 1 |
| 18CSL76 | Artificial Intelligence and Machine Learning | 2 | A | 012022 | 1 |
| 18CSP77 | Project Work Phase - I | 1 | S | 012022 | 1 |
| VIII Semester | | | | | |
| 18CS81 | Internet of Things | 3 | B | 072022 | 1 |
| 18CS82 | NOSQL Database | 3 | B | 072022 | 1 |
| 18CSP83 | Project Work Phase - 2 | 8 | S | 072022 | 1 |
| 18CSS84 | Technical Seminar | 1 | S | 072022 | 1 |
| 18CSI85 | Internship | 3 | S | 072022 | 1 |

Requisite AICTE Activity Points Completed.

Class of the Degree: First Class with Distinction

| Grade | S | A | B | C | D | E | F |
|-------------|------|------|------|------|------|------|-----|
| Grade Point | 10 | 9 | 8 | 7 | 6 | 4 | 0 |
| Marks Range | >=90 | <90 | <80 | <70 | <60 | <45 | <40 |
| | | >=80 | >=70 | >=60 | >=45 | >=40 | |

PP- Mandatory non credit course



AUTHENTIC

Rangaswamy B. E

Registrar (Evaluation)

*Based on First Attempt Marks of V to VIII Semesters # Number of Attempts taken to clear the semester
(* and # not applicable to Choice Based Credit System)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00370423

B.E. Information Science & Engineering January 2019

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|-------------------|-------------|---|------------------|--------------------|--------------|-----------------|
| I Semester | | | | | | |
| 1 | 18MAT11 | Calculus and Linear Algebra | 4 | 4 | C | 7 |
| 2 | 18PHY12 | Engineering Physics | 4 | 4 | C | 7 |
| 3 | 18ELE13 | Basic Electrical Engineering | 3 | 3 | D | 6 |
| 4 | 18CIV14 | Elements of Civil Engineering & Mechanics | 3 | 3 | D | 6 |
| 5 | 18EGDL15 | Engineering Graphics | 3 | 3 | A | 9 |
| 6 | 18PHYL16 | Engineering Physics Laboratory | 1 | 1 | A | 9 |
| 7 | 18ELEL17 | Basic Electrical Engineering Laboratory | 1 | 1 | A | 9 |
| 8 | 18EGH18 | Technical English - I | 1 | 1 | C | 7 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 20 | 20 | 20 | 144 | 7.20 | |

Medium of Instruction: English

Date: November 11, 2020



Registrar (Evaluation)



ವಿಶ್ವವರಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00371232

B.E. Information Science & Engineering July 2019

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|--------------------|-------------|---|------------------|--------------------|--------------|-----------------|
| II Semester | | | | | | |
| 1 | 18MAT21 | Advanced Calculus and Numerical Methods | 4 | 4 | B | 8 |
| 2 | 18CHE22 | Engineering Chemistry | 4 | 4 | B | 8 |
| 3 | 18CPS23 | C Programming for Problem Solving | 3 | 3 | D | 6 |
| 4 | 18ELN24 | Basic Electronics | 3 | 3 | D | 6 |
| 5 | 18ME25 | Elements of Mechanical Engineering | 3 | 3 | C | 7 |
| 6 | 18CHEL26 | Engineering Chemistry Laboratory | 1 | 1 | B | 8 |
| 7 | 18CPL27 | C Programming Laboratory | 1 | 1 | S | 10 |
| 8 | 18EGH28 | Technical English - II | 1 | 1 | B | 8 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 20 | 20 | 40 | 147 | 7.35 | 7.28 |

Medium of Instruction: English

Date: November 11, 2020



Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

19UG 00372742

B.E. Information Science & Engineering January 2020

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|---------------------|-------------|---|------------------|--------------------|--------------|-----------------|
| III Semester | | | | | | |
| 1 | 18MAT31 | Transform Calculus, Fourier Series & Num Tech | 3 | 3 | C | 7 |
| 2 | 18CS32 | Data Structures and Applications | 4 | 4 | C | 7 |
| 3 | 18CS33 | Analog and Digital Electronics | 3 | 3 | D | 6 |
| 4 | 18CS34 | Computer Organization | 3 | 3 | C | 7 |
| 5 | 18CS35 | Software Engineering | 3 | 3 | D | 6 |
| 6 | 18CS36 | Discrete Mathematical Structures | 3 | 3 | C | 7 |
| 7 | 18CSL37 | Analog and Digital Electronics Laboratory | 2 | 2 | B | 8 |
| 8 | 18CSL38 | Data Structures Laboratory | 2 | 2 | A | 9 |
| 9 | 18KVK39 | Vyavaharika Kannada | 1 | 1 | S | 10 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 24 | 24 | 64 | 171 | 7.13 | 7.22 |

Medium of Instruction: English

Date: November 11, 2020



Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA

GRADE CARD

B.E. Information Science & Engineering August 2020

19UG 00563917

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|--------------------|-------------|---|------------------|--------------------|--------------|-----------------|
| IV Semester | | | | | | |
| 1 | 18MAT41 | Complex Analysis, Probability & Stat. Method" | 3 | 3 | B | 8 |
| 2 | 18CS42 | Design and Analysis of Algorithms | 4 | 4 | B | 8 |
| 3 | 18CS43 | Operating Systems | 3 | 3 | B | 8 |
| 4 | 18CS44 | Microcontroller and Embedded Systems | 3 | 3 | B | 8 |
| 5 | 18CS45 | Object Oriented Concepts | 3 | 3 | C | 7 |
| 6 | 18CS46 | Data Communication | 3 | 3 | B | 8 |
| 7 | 18CSL47 | Design and Analysis of Algorithm Laboratory | 2 | 2 | B | 8 |
| 8 | 18CSL48 | Microcontroller and Embedded Systems Lab. | 2 | 2 | B | 8 |
| 9 | 18CPC49 | Const. of India, Prof. Ethics & Cyber Law | 1 | 1 | C | 7 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 24 | 24 | 88 | 188 | 7.83 | 7.39 |

Medium of Instruction: English

Date: July 12, 2021



Rangaswamy B.E

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

21UG 038601

B.E. Information Science & Engineering January 2021

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|-------------------|-------------|---|------------------|--------------------|--------------|-----------------|
| V Semester | | | | | | |
| 1 | 18CS51 | Management and Entrepreneurship for IT Industry | 3 | 3 | C | 7 |
| 2 | 18CS52 | Computer Networks and Security | 4 | 4 | B | 8 |
| 3 | 18CS53 | Database Management Systems | 4 | 4 | B | 8 |
| 4 | 18CS54 | Automata Theory and Computability | 3 | 3 | B | 8 |
| 5 | 18CS55 | Application Development using Python | 3 | 3 | B | 8 |
| 6 | 18CS56 | Unix Programming | 3 | 3 | B | 8 |
| 7 | 18CSL57 | Computer Network Laboratory | 2 | 2 | A | 9 |
| 8 | 18CSL58 | DBMS Laboratory with mini project | 2 | 2 | A | 9 |
| 9 | 18CIV59 | Environmental Studies | 1 | 1 | B | 8 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 25 | 25 | 113 | 201 | 8.04 | 7.53 |

Medium of Instruction: English

Date: February 08, 2022



Rangaswamy B.E

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA

GRADE CARD

21UG 041350

B.E. Information Science & Engineering August 2021

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|---------|-------------|--|------------------|--------------------|--------------|-----------------|
| 1 | 18IS61 | VI Semester File Structures | 4 | 4 | B | 8 |
| 2 | 18IS62 | Software Testing | 4 | 4 | B | 8 |
| 3 | 18CS63 | Web Technology and its applications | 4 | 4 | B | 8 |
| 4 | 18CS643 | Cloud Computing and its Applications | 3 | 3 | C | 7 |
| 5 | 18ME654 | Advanced Materials Technology | 3 | 3 | A | 9 |
| 6 | 18ISL66 | Software Testing Laboratory | 2 | 2 | B | 8 |
| 7 | 18ISL67 | File Structures Laboratory with mini project | 2 | 2 | B | 8 |
| 8 | 18CSMP68 | Mobile Application Development | 2 | 2 | B | 8 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 24 | 24 | 137 | 192 | 8.00 | 7.61 |

Medium of Instruction: English

Date: February 08, 2022



Rangaswamy B.E

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA
GRADE CARD

UG22107148

B.E. Information Science & Engineering January 2022

Name of the Student : **ARYAN JOSHI**

USN: **1BY18IS133**

Father's / Mother's Name : **SHANKAR RAJ JOSHI**

Name of the College : **B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE**

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|---------|-------------|---|------------------|--------------------|--------------|-----------------|
| | | VII Semester | | | | |
| 1 | 18CS71 | Artificial Intelligence and Machine Learning | 4 | 4 | A | 9 |
| 2 | 18CS72 | Big Data Analytics | 4 | 4 | B | 8 |
| 3 | 18CS734 | User Interface Design | 3 | 3 | A | 9 |
| 4 | 18CS744 | Cryptography | 3 | 3 | B | 8 |
| 5 | 18EE754 | Electrical Energy Conservation and Auditing | 3 | 3 | B | 8 |
| 6 | 18CSL76 | Artificial Intelligence and Machine Learning Laboratory | 2 | 2 | A | 9 |
| 7 | 18CSP77 | Project Work Phase - I | 1 | 1 | S | 10 |

* Repeated Exam.

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 20 | 20 | 157 | 171 | 8.55 | 7.73 |

Medium of Instruction: English

Date: November 11, 2022



Rangaswamy B.E
 Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
 KARNATAKA, INDIA

UG22004671

GRADE CARD
B.E. Information Science & Engineering July 2022

Name of the Student : ARYAN JOSHI

USN: 1BY18IS133

Father's / Mother's Name : SHANKAR RAJ JOSHI

Name of the College : B.M.S. INSTITUTE OF TECHNOLOGY, BANGALORE

| Sl. No. | Course Code | Title of the Course Registered | Credits Assigned | Credits Earned (C) | Letter Grade | Grade Point (G) |
|---------|-------------|--|------------------|--------------------|--------------|-----------------|
| 1 | 18CS81 | VIII Semester Internet of Things | 3 | 3 | B | 8 |
| 2 | 18CS823 | NOSQL Database | 3 | 3 | B | 8 |
| 3 | 18CSP83 | Project Work Phase - 2 | 8 | 8 | S | 10 |
| 4 | 18CSS84 | Technical Seminar | 1 | 1 | S | 10 |
| 5 | 18CSI85 | Internship | 3 | 3 | S | 10 |

* Repeated Exam.

Requisite AICTE Activity Points Completed

| Credits Registered | Credits Earned | Cumulative Credits Earned | $\Sigma(C_i \times G_i)$ | SGPA | CGPA |
|--------------------|----------------|---------------------------|--------------------------|------|------|
| 18 | 18 | 175 | 168 | 9.33 | 7.90 |

Medium of Instruction: English

Date: October 19, 2022



Rangaswamy B.E

Registrar (Evaluation)

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



Certifies that
ARYAN JOSHI

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ

has been duly admitted to the Degree of

Bachelor of Engineering

*in recognition of the fulfilment of requirements
for the said degree*



ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ

University Seat Number : **1BY18/S133**

ವಿಷಯ

Subject : **Information Science & Engineering**

ಶ್ರೇಣಿ

Class : **First Class with Distinction**

D 24087

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ

Given under the seal of the University

Month & Year of Passing : July 2022

ಬೆಳಗಾವಿ

Belagavi

ದಿನಾಂಕ

Date : **FEB 24, 2023**

ಕುಲಪತಿ

VICE CHANCELLOR



BMS Institute of Technology & Management

Avalahalli, Yelahanka, Bengaluru - 560 064

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

No. **6377**

Date: 01/08/2022

No. UG/PG/EX/01/2022-2023

Course Completion Certificate

This is to certify that *Ms. / Mr.* Aryan Joshi

bearing University Seat No. 1BY18IS133

was a student of this college studying in the VIII semester

B.E - Information Science & Engineering

class, during 2021 - 2022 Academic year. His / Her Character and Conduct

were satisfactory. He / She has completed the course during 2021 - 2022

C. S. Joshi
1.8.22
Principal
BMS Institute of Technology & Mgmt.
Doddaballapur Main Road

Avalahalli, Yelahanka, B'lore-64

me