

# RESUME

## PERSONAL PROFILE

Full Name : Kanzal Haq A  
Address : Atthaje House Ujire Post and Village,  
Beltangadi Tq, D.K, Karnataka, India  
574240  
Contact Number : +91 9902583612  
Date of Birth : 19<sup>th</sup> July 2001  
Place of Birth : Father Muller Hospital, Mangalore  
Email : [kanzalhaqa02@gmail.com](mailto:kanzalhaqa02@gmail.com)



|                |            |
|----------------|------------|
| Passport No.   | V8324756   |
| Date of Expiry | 27/03/2032 |
| Place of issue | BENGALURU  |

## EDUCATION:

2020- 2024 ( Currently perusing 8<sup>th</sup> semester of B.E )  
Bachelor of Engineering in Electrical and Electronics Engineering  
NMAM Institute of Technology, Nitte, Karkala India  
Affiliated to Visvesvaraya Technological University, Belagavi India  
CGPA: 7.86

2018-2020 PCMB, from VANI P.U College, Halekote Beltangadi  
Percentage: 81.16%

2006-2018 SSLC, from St Mary's School, Laila Beltangadi  
Percentage: 92.64%

## CERTIFICATION & PROJECTS:

### A Compact High Precision AC/DC Digital Ammeter (Group) :

Provide information about both AC and DC current draw and current continuity in order to help users troubleshoot erratic loads and trends.

### Line Follower using Digital PID (Group):

Line follower bot using Reflectance sensor. Differentiates white and black surfaces with the help of IR emitter and receiver(phototransistor) and follows the black path.

### Simulation on Variable Frequency Drive:

Using Matlab Simulink done simulation on VFD where voltage is varied to control the speed of the motor.

### Displacement Power Factor Correction using Reactive Power Compensation (Group):

In this project we are getting the voltage, current, power, power factor using PZEM module and by calculation we are adding the capacitor by the switches to increase the power factor and bringing it to almost unity. Maintaining an average monthly power factor close to unity not only boosts efficiency but also yields substantial savings in utility power costs.

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### Automatic College Bell using 8051 (Group):

Real-time clock using an 8051 microcontroller with an alarm facility for required time intervals.

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### Fastest Finger First Indicator (Group):

In quiz games, this is used to test the reaction time of the players. One who presses the button first will get a chance to answer first.

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### App for Elixir'23:

One of the significant events of the EEE department is Elixir. Wherein I built an App for this event which consists of all information regarding the EEE department, and project details which had exhibited during Elixir'23.

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### Logicz - Basic logic Gates App:

This app consists of all basic gates where input can be toggled using the floating button and output will be displayed in real-time.

## **INTERNSHIPS:**

Research and Innovation Centre provided a One-Month Internship on Hardware Design and Embedded System Programming.

- In the first week, we learnt to create Block Diagrams (Libre Office), read datasheets, and a brief introduction to OrCAD software (Pad & Footprint creation).
- Later in the next week learnt to build a library, Schematic, and board file using pad and footprint files. Also, build a board file for a 7-seg display add-on card for microLablet.
- In the third week, we learnt Embedded System Programming for MC56F847.
- Last week we learnt web development by building our own website using HTML, CSS and JavaScript. Also learnt to handshake the website for the backend using Firebase.

## **TECHNICAL SKILLS:**

### **Hardware:**

- Cadence OrCAD
- AutoCAD Electrical
- AutoCAD Fusion 360
- LtSpice

### **Software:**

- C – Programming
- PYTHON
- Android Studio (Flutter)
- Matlab (Simulink)

### **Also worked on**

- Arduino IDE, MP Lab, microVision, KiCad

### **Editing**

- Filmora, Photoshop, Premire Pro, Canva, Figma
- Microsoft (Basics)
  - Word, PowerPoint, Excel

#### KEY STRENGTHS:

- Leadership
- Decision making
- Multi - Tasking
- Problem – solving
- Discipline
- Creativity

#### LANGUAGE PROFICIENCY:

Languages : English, Hindi, Kannada, Malayalam, Beary, Tulu

#### EXTRA CURRICULAR ACTIVITIES:

##### Elites – Member

Elites – Electrical Integrated Team of Engineering Students is the department of the Electrical and Electronics Engineering student association.

##### Robotics Club – President

The Robotics club is an interdisciplinary club that was established in the year 2014 at NMAMIT with a motive to provide practical hands-on experience on various applications of robotics.

##### Team White Shadow Robotics – Core Member

Team WSR was formed by a group of engineering students from different branches and years of NMAMIT, Nitte. It is the only robotics team in our college that take part in various ROBOTICS Events all over the India.

##### Lakshman Rekha

Organised Event at Incridea'23.

##### Jamboree-2022

Science Mela held during International Scouts and Guides Jamboree-2022

##### Events Participated and Won

Participated and won: - RoboWars, RoboSoccer, BotHockey, RoboRace, HydroCannon, Line Follower



18235963

ಕರ್ನಾಟಕ ಪ್ರಾಧಿಕಾರ



SATS No.: 057177737

GOVERNMENT OF KARNATAKA

ಕರ್ನಾಟಕ ಪ್ರಾಧಿಕಾರ ಮಂಡಳಿ

## Karnataka Secondary Education Examination Board

ಅಂತಹ ಮಾರ್ಗದರ್ಶನ ವ್ಯವಸ್ಥೆ / Marks Statement cum Certificate

ಈ ಕೆಳಗೆ ನಮುದಿತ ಅಭ್ಯರ್ಥಿಯ ಎಂ.ಎಲ್.ಎ. ಪರೀಕ್ಷೆಯಲ್ಲಿ ಕೇಗೆದೆಯಾಗಿರುವುದನ್ನು ಸ್ವೀಕರಿಸಿದೆ.



This is to certify that the below mentioned candidate has passed S.S.L.C. Examination. VGG30633

ನೋಂದರೆ ಸಂಖ್ಯೆ / Register No. : 20180207566

ತಿಂಗಳು - ಮಣಿ / Month -Year : APRIL-2018

ಶಿಕ್ಷಣ ಮಾಧ್ಯಮ / Medium of Instruction : ENGLISH

ಅಭ್ಯರ್ಥಿ ಒಬ್ಬೆ / Candidate Type : CCE REGULAR FRESH

ಹೆಸರು / Name : KANZAL HAQ A

ತಂದೆಯ ಹೆಸರು / Father's Name : U H ADAM

ತಾಯಿಯ ಹೆಸರು / Mother's Name : AVAMMA

ಜನ್ಮ ದಿನಾಂಕ / Date of Birth : 19-07-2001 NINETEENTH - JULY - TWO THOUSAND ONE

ಲಂಗ / BOY  
Gender :

## ಭಾಗ - ಏ / PART - A

| ಶೈಕ್ಷಣಿಕ ವಿಷಯಗಳು<br>SCHOLASTIC SUBJECTS  | ಬಾಹ್ಯ ಪರೀಕ್ಷೆ<br>EXTERNAL EXAMINATION |                                      |  |                                  | ಆಂತರಿಕ<br>ಮೌಲ್ಯಾವಸನ<br>INTERNAL ASSESSMENT |  | ಒಟ್ಟು ಅಂತರ್ಗಳು<br>TOTAL MARKS       |                                      |                                     |                                | ತೇಣು<br>GRADE |
|--|---------------------------------------|--------------------------------------|--|----------------------------------|--|--|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------|---------------|
|  | ಗರಿಷ್ಠ<br>ಅಂತರ್ಗಳು<br>MAX.<br>MARKS   | ಕ್ಷೇತ್ರ<br>ಅಂತರ್ಗಳು<br>MIN.<br>MARKS | ಗೊಳಿಸಿದ<br>ಅಂತರ್ಗಳು<br>MARKS<br>OBTAINED | ಕೃಷಾಂಕ<br>ಗುರು<br>GRACE<br>MARKS | ಗರಿಷ್ಠ<br>ಅಂತರ್ಗಳು<br>MAX.<br>MARKS        | ಗೊಳಿಸಿದ<br>ಅಂತರ್ಗಳು<br>MARKS<br>OBTAINED | ಗರಿಷ್ಠ<br>ಅಂತರ್ಗಳು<br>MAX.<br>MARKS | ಕ್ಷೇತ್ರ<br>ಅಂತರ್ಗಳು<br>MIN.<br>MARKS | ಒಟ್ಟು<br>ಅಂತರ್ಗಳು<br>TOTAL<br>MARKS |                                |               |
| ಬ್ರಾಹ್ಮಣ ಭಾಷೆ / FIRST LANGUAGE : KANNADA | 100                                   | 35                                   | 97                                       | --                               | 25   | 25                                       | 125                                 | 44                                   | 122                                 | A+                             |               |
| ದ್ವಿತೀಯ ಭಾಷೆ / SECOND LANGUAGE : ENGLISH | 80                                    | 28                                   | 75                                       | --                               | 20   | 20                                       | 100                                 | 35                                   | 95                                  | A+                             |               |
| ತೃತೀಯ ಭಾಷೆ / THIRD LANGUAGE : HINDI      | 80                                    | 28                                   | 72                                       | --                               | 20   | 20                                       | 100                                 | 35                                   | 92                                  | A+                             |               |
| ಗಣಿತ / MATHEMATICS                       | 80                                    | 28                                   | 75                                       | --                               | 20   | 20                                       | 100                                 | 35                                   | 95                                  | A+                             |               |
| ವಿಜ್ಞಾನ / SCIENCE                        | 80                                    | 28                                   | 64                                       | --                               | 20   | 20                                       | 100                                 | 35                                   | 84                                  | A                              |               |
| ಸಮಾಜ ವಿಜ್ಞಾನ / SOCIAL SCIENCE            | 80                                    | 28                                   | 71                                       | --                               | 20   | 20                                       | 100                                 | 35                                   | 91                                  | A+                             |               |
| ಒಟ್ಟು ಅಂತರ್ಗಳು / TOTAL MARKS :           | 500                                   | 175                                  | 454                                      | --                               | 125  | 125                                      | 625                                 | 219                                  | 579                                 | ಒಟ್ಟಿನಲ್ಲಿ / CGA : A+ (92.64%) |               |

ಗಳಿಂದ ಒಟ್ಟು ಅಂತರ್ಗಳು (ಅಂತರ್ಗಳಲ್ಲಿ) /  
TOTAL MARKS OBTAINED (IN WORDS) :

FIVE HUNDRED SEVENTY NINE ONLY

(92.64%)

## ಭಾಗ - ಬಿ / PART - B

| ಕ್ರ. ಸಿ. /<br>Sl. No. | ಸಹ ಶೈಕ್ಷಣಿಕ ವಿಷಯಗಳು /<br>CO-SCHOLASTIC SUBJECTS              | ತೇಣು /<br>GRADE | ಕ್ರ. ಸಿ. /<br>Sl. No. | ಸಹ ಶೈಕ್ಷಣಿಕ ವಿಷಯಗಳು /<br>CO-SCHOLASTIC SUBJECTS | ತೇಣು /<br>GRADE |
|-----------------------|--|-----------------|-----------------------|---|-----------------|
| 1.                    | ದ್ಯುಹಿಕ ಮತ್ತು ಆರೋಗ್ಯ ಶಿಕ್ಷಣ /<br>PHYSICAL & HEALTH EDUCATION | A               | 2.                    | ಮನೋಭಾವ ಮತ್ತು ಮೌಲ್ಯಗಳು /<br>ATTITUDE & VALUES    | A               |
| 3.                    | ಕಲಾ ಶಿಕ್ಷಣ /<br>WORK EXPERIENCE                              | A               | 4.                    | ಕಲಾ ಶಿಕ್ಷಣ /<br>ART EDUCATION                   | A               |

KSEEB KSEEB

ತಾಲಾ ಸಂಕೇತ, ಹೆಸರು ಮತ್ತು ವಿಳಾಸ /  
SCHOOL CODE, NAME AND ADDRESS :

GG0458

ST. MARY'S ENGLISH MEDIUM HIGH SCHOOL,  
LAILA, BELTHANGADI TQ,  
D.K. DIST.,  
574214

ದಿನಾಂಕ / DATE : 07-05-2018

ಕಾರ್ಯದರ್ಶಿ

ಕರ್ನಾಟಕ ಪ್ರಾಧಿಕಾರ ಪರೀಕ್ಷಾ ಮಂಡಳಿ, ಬೆಂಗಳೂರು

SECRETARY

KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD,  
BENGALURU

460592



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

GOVERNMENT OF KARNATAKA

ಪದವಿ ಪ್ರಾವ್ಚಿತ್ರಣ ಇಲಾಖೆ  
DEPARTMENT OF PRE-UNIVERSITY EDUCATION



201800617002

## ಪ್ರಮಾಣ ಪತ್ರ CERTIFICATE

ಈ ಕೆಳಗೆ ನಮೂದಿಸಿದ ಅಭ್ಯರ್ಥಿಯು ಪದವಿ ಪ್ರಾವ್ಚಿತ್ರಣದ ಕೋರ್ಸ್‌ನಲ್ಲಿ ಸಂಪೂರ್ಣಗೊಳಿಸಿ ದ್ವಿತೀಯ ವರ್ಷದ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಕೆಳಗಿನ ವಿವರಗಳಾಂದಿಗೆ ತೇಗೆದೆಯಾಗಿರುತ್ತಾರೆ ಎಂದು ಪ್ರಮಾಣೇಕರಿಸಲಾಗಿದೆ:

*This is to certify that the candidate mentioned below has completed the course and passed the second year Pre-University Examination with the following details :*

ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು  
Candidate's Name } KANZAL HAQ A

ತಿಂಗಳು/ವರ್ಷ  
Month / Year } MARCH 2020

ತಾಯಿಯ ಹೆಸರು  
Mother's Name } AVAMMA

ನೋಂದಣಿ ಸಂಖ್ಯೆ  
Register No. } 426782

ತಂದೆಯ ಹೆಸರು  
Father's Name } U H ADAM



| ಏಷಯಗಳು (1) Subjects                     |   | ನೋಂದಣಿ ಸಂಖ್ಯೆ<br>Register No.<br>(2) | ತಿಂಗಳು/ವರ್ಷ<br>Month/Year<br>(3) | ಗರಿಷ್ಠಾಂತ<br>Max.<br>Marks<br>(4) | ಪದೇದ ಅಂತರ್ಗಳು Marks Obtained |                               |                                      |                           |
|---|---|--------------------------------------|----------------------------------|-----------------------------------|------------------------------|-------------------------------|--------------------------------------|---------------------------|
| ಭಾಗ-I ಭಾಷೆಗಳು<br>Part-I Languages       | ಭಾಗ-II ವಚ್ಚಿಕ ವಿಷಯಗಳು<br>Part-II Optionals                |                                      |                                  |                                   | ಅಂಕಗಳು<br>In figures<br>(5)  | ಕ್ರಮಾಂಕ<br>Grace Marks<br>(6) | ಟಿಪ್ಪಣಿ ಅಂಕಗಳು<br>Total Marks<br>(7) | ಅಂಕಗಳಿ<br>In words<br>(8) |
| ENGLISH                                 |   | 426782                               | MAR2020                          | 100                               | 71                           |                               | 71                                   | SEVEN ONE                 |
| HINDI                                   |   | 426782                               | MAR2020                          | 100                               | 82                           |                               | 82                                   | EIGHT TWO                 |
| PHYSICS                                 |   | 426782                               | MAR2020                          | 100                               | 85                           |                               | 85                                   | EIGHT FIVE                |
| CHEMISTRY                               |   | 426782                               | MAR2020                          | 100                               | 77                           |                               | 77                                   | SEVEN SEVEN               |
| MATHEMATICS                             |   | 426782                               | MAR2020                          | 100                               | 92                           |                               | 92                                   | NINE TWO                  |
| BIOLOGY                                 |   | 426782                               | MAR2020                          | 100                               | 80                           |                               | 80                                   | EIGHT ZERO                |
| ಕಾಲೇಜು ಸಂಕೇತ ಸಂಖ್ಯೆ<br>College Code No. | SS190   | ಒಟ್ಟು ಅಂತರ್ಗಳು<br>Total Marks        | 600                              | 487                               |                              | 487                           | ಪಡೆದ ದರ್ಜೆ Class Obtained            |                           |
| ಅಂತರ್ಗಳ ಅಂಕಗಳಿ<br>Marks in words        | FOUR EIGHT SEVEN  |                                      |                                  |                                   | 487                          |                               |                                      |                           |
| ಕಾಲೇಜು<br>College                       | VANI INDP PU COLLEGE, HALEKOTE BELTHANGADY , DK DT 574214 |                                      |                                  |                                   |                              |                               | FIRST                                |                           |

ವಿದ್ಯಾರ್ಥಿ ವಿಧ:  
STUDENT TYPE : FRESHER

ಮಾಧ್ಯಮ/MEDIUM : ENGLISH

ಫಲಿತಾಂತ ದಿನಾಂಕ:  
DATE OF RESULT: 14.07.2020

PRINCIPAL  
VANI INDP  
P.U. COLLEGE  
Halekote Belthangady  
Signature of the Principal

360592



Kanzal Haq  
ಅಭ್ಯರ್ಥಿಯ ಸಹ  
Signature of the Candidate

Dr. K. Kelly  
ವಿದೆಶಕರು,  
DIRECTOR,  
Department of Pre-University Education,  
Bangalore.



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 64309

SEMESTER EXAM HELD IN : JAN. - FEB. 2021

Name of the Student : KANZAL HAQ A  
 University Seat Number : 4NM20EE032  
 Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 1

| S.No. | COURSE CODE | COURSE TITLE                                   | NO. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|--|----------------|---------------|--------------|
| 1     | 20MA101     | ENGINEERING MATHEMATICS - I                    | 4.00           | B             | 08           |
| 2     | 20PH102     | ENGINEERING PHYSICS                            | 4.00           | B             | 08           |
| 3     | 20CV103     | ENGINEERING MECHANICS                          | 3.00           | B             | 08           |
| 4     | 20EE104     | BASIC ELECTRICAL ENGINEERING                   | 3.00           | C             | 07           |
| 5     | 20HU105     | ENGLISH & COMMUNICATION SKILLS                 | 2.00           | C             | 07           |
| 6     | 20ME106     | ELEMENTS OF MECH. ENGG. AND WORKSHOP PRACTICES | 3.00           | B             | 08           |
| 7     | 20EE108     | BASIC ELECTRICAL ENGINEERING LABORATORY        | 1.00           | S             | 10           |
| 8     | 20PH109     | ENGINEERING PHYSICS LABORATORY                 | 1.00           | S             | 10           |
| 9     | 20HU107     | CONSTITUTION OF INDIA & PROFESSIONAL ETHICS    | 0.00           | PP            | --           |

Total Credits Earned : 21.0

SGPA : 7.95

CGPA : -

Medium of Instruction : English

Date : 09-09-2021

CONTROLLER OF EXAMINATIONS



PRINCIPAL



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 66583

**GRADE CARD**

SEMESTER EXAM HELD IN : AUGUST 2021

Name of the Student : KANZAL HAQ A  
University Seat Number : 4NM20EE032  
Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 2

| S.No. | COURSE CODE | COURSE TITLE                        | NO. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|-------------------------------------|----------------|---------------|--------------|
| 1     | 20MA201     | ENGINEERING MATHEMATICS - II        | 4.00           | B             | 08           |
| 2     | 20CY110     | ENGINEERING CHEMISTRY               | 4.00           | B             | 08           |
| 3     | 20CS111     | C PROGRAMMING FOR PROBLEM SOLVING   | 3.00           | B             | 08           |
| 4     | 20EC112     | BASIC ELECTRONICS                   | 3.00           | B             | 08           |
| 5     | 20ME115     | COMPUTER AIDED ENGINEERING GRAPHICS | 3.00           | A             | 09           |
| 6     | 20CS116     | COMPUTER PROGRAMMING LABORATORY     | 1.00           | B             | 08           |
| 7     | 20CY117     | ENGINEERING CHEMISTRY LABORATORY    | 1.00           | A             | 09           |
| 8     | 20CV113     | ENVIRONMENTAL STUDIES               | 0.00           | PP            | --           |
| 9     | 20BT114     | BIOLOGY FOR ENGINEERS               | 0.00           | PP            | --           |

Total Credits Earned : 40.0

SGPA : 8.21

CGPA : 8.08

Medium of Instruction : English

Date : 11-10-2021

*Signature*  
CONTROLLER OF EXAMINATIONS



*Signature*  
PRINCIPAL



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 74183

**GRADE CARD**

SEMESTER EXAM HELD IN : MAR. - APR. 2022

Name of the Student : KANZAL HAQ A  
University Seat Number : 4NM20EE032  
Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 3

| S.No. | COURSE CODE | COURSE TITLE                           | No. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|--|----------------|---------------|--------------|
| 1     | 20EE301     | VECTOR CALCULUS & TRANSFORM TECHNIQUES | 3.00           | C             | 07           |
| 2     | 20EE302     | NETWORK ANALYSIS                       | 4.00           | D             | 06           |
| 3     | 20EE303     | DC AND SYNCHRONOUS MACHINES            | 3.00           | C             | 07           |
| 4     | 20EE304     | ANALOG ELECTRONIC CIRCUITS             | 4.00           | C             | 07           |
| 5     | 20EE305     | LOGIC DESIGN                           | 3.00           | C             | 07           |
| 6     | 20EE306     | INSTRUMENTATION AND MEASUREMENTS       | 3.00           | B             | 08           |
| 7     | 20EE307     | ANALOG ELECTRONIC CIRCUITS LABORATORY  | 1.00           | A             | 09           |
| 8     | 20EE308     | LOGIC DESIGN LABORATORY                | 1.00           | A             | 09           |

Total Credits Earned : 62.0

Medium of Instruction : English



SGPA : 7.14

CGPA : 7.74

Date : 30-05-2022

*Signature*  
CONTROLLER OF EXAMINATIONS



*Signature*  
PRINCIPAL



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 77756

**GRADE CARD**

SEMESTER EXAM HELD IN : JULY - 2022

Name of the Student : KANZAL HAQ A  
University Seat Number : 4NM20EE032  
Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 4

| S.No. | COURSE CODE | COURSE TITLE                              | NO. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|---|----------------|---------------|--------------|
| 1     | 20EE401     | PROBABILITY THEORY AND NUMERICAL METHODS  | 3.00           | D             | 06           |
| 2     | 20EE402     | TRANSFORMERS & INDUCTION MACHINES         | 3.00           | C             | 07           |
| 3     | 20EE403     | MICROCONTROLLER                           | 4.00           | A             | 09           |
| 4     | 20EE404     | ELECTROMAGNETIC FIELDS                    | 4.00           | C             | 07           |
| 5     | 20EE405     | ELECTRICAL POWER GENERATION AND ECONOMICS | 3.00           | B             | 08           |
| 6     | 20EE406     | TRANSMISSION AND DISTRIBUTION             | 3.00           | C             | 07           |
| 7     | 20EE407     | DC & SYNCHRONOUS MACHINES LABORATORY      | 1.00           | S             | 10           |
| 8     | 20EE408     | MICROCONTROLLER LABORATORY                | 1.00           | A             | 09           |
| 9     | 20HU311     | ENHANCING SELF COMPETENCE                 | 2.00           | A             | 09           |
| 10    | 20HU312A    | SAMSKRUTIKA KANNADA                       | 1.00           | A             | 09           |

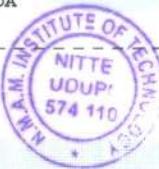
Total Credits Earned : 87.0

Medium of Instruction : English

SGPA : 7.76

CGPA : 7.75

Date : 28-09-2022



CONTROLLER OF EXAMINATIONS

PRINCIPAL



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 82964

**GRADE CARD**

SEMESTER EXAM HELD IN : DEC.2022-JAN.2023

Name of the Student : KANZAL HAQ A  
University Seat Number : 4NM20EE032  
Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 5

| S.No. | COURSE CODE | COURSE TITLE                                   | NO. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|--|----------------|---------------|--------------|
| 1     | 20EE501     | LINEAR INTEGRATED CIRCUITS                     | 3.00           | C             | 07           |
| 2     | 20EE502     | SIGNAL ANALYSIS & PROCESSING                   | 4.00           | C             | 07           |
| 3     | 20EE503     | LINEAR CONTROL SYSTEMS                         | 4.00           | C             | 07           |
| 4     | 20EE504     | POWER ELECTRONICS                              | 4.00           | D             | 06           |
| 5     | 20EE505     | MANAGEMENT & ENTREPRENEURSHIP                  | 3.00           | B             | 08           |
| 6     | 20EEE211    | PROGRAMMABLE LOGIC CONTROLLERS - ELE           | 3.00           | C             | 07           |
| 7     | 20EE506     | TRANSFORMERS AND INDUCTION MACHINES LABORATORY | 1.00           | S             | 10           |
| 8     | 20EE507     | CIRCUIT AND MEASUREMENTS LABORATORY            | 1.00           | A             | 09           |
| 9     | 20IL001     | EMPLOYABILITY SKILL DEVELOPMENT - I            | 0.00           | PP            | --           |

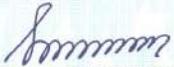
Total Credits Earned : 110.0

SGPA : 7.17

CGPA : 7.63

Medium of Instruction : English

Date : 17-03-2023

  
CONTROLLER OF EXAMINATIONS



  
PRINCIPAL



**NITTE**  
EDUCATION TRUST

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

Nitte – 574 110, Karnataka, India

No. AG 86265

**GRADE CARD**

SEMESTER EXAM HELD IN : MAY - JUNE 2023

Name of the Student : KANZAL HAQ A  
University Seat Number : 4NM20EE032  
Program : BE-ELECTRICAL & ELECTRONICS ENGINEERING

Semester : 6

| S.No. | COURSE CODE | COURSE TITLE                             | NO. OF CREDITS | GRADE AWARDED | GRADE POINTS |
|-------|-------------|--|----------------|---------------|--------------|
| 1     | 20EE601     | POWER SYSTEMS ANALYSIS & STABILITY       | 4.00           | C             | 07           |
| 2     | 20EE602     | SWITCHGEAR AND PROTECTION                | 3.00           | B             | 08           |
| 3     | 20EE603     | HIGH VOLTAGE ENGINEERING                 | 3.00           | A             | 09           |
| 4     | 20EE604     | VLSI CIRCUITS AND DESIGN                 | 3.00           | C             | 07           |
| 5     | 20EEE102    | SWITCHED MODE POWER CONVERTERS - ELE     | 3.00           | C             | 07           |
| 6     | 20EEE225    | COMPUTER AIDED ELECTRICAL DRAWING - ELE  | 3.00           | A             | 09           |
| 7     | 20EE605     | POWER ELECTRONICS LABORATORY             | 1.00           | A             | 09           |
| 8     | 20EE606     | LINEAR IC AND CONTROL SYSTEMS LABORATORY | 1.00           | A             | 09           |
| 9     | 20EE607     | MINI PROJECT                             | 2.00           | S             | 10           |
| 10    | 20IL002     | EMPLOYABILITY SKILL DEVELOPMENT - II     | 0.00           | PP            | --           |

Total Credits Earned : 133.0

SGPA : 8.09

CGPA : 7.71

Medium of Instruction : English

Date : 25-09-2023



*mmmm*  
CONTROLLER OF EXAMINATIONS

*Nijendra C*  
PRINCIPAL



**NITTE**  
(Deemed to be University)

**NMAM INSTITUTE  
OF TECHNOLOGY**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

One Month Internship Programme

on

**Hardware Design and Embedded System Programming**

**INTERNSHIP CERTIFICATE**

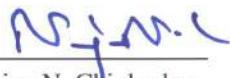
This is to certify that

Mr. / Ms.

KANZAL HAQ A

bearing USN 4Nm20EE032 has successfully completed the Internship organized by the Department of Electrical and Electronics Engineering, NMAM Institute of Technology, Nitte during 27 July to 31 August 2022.

  
\_\_\_\_\_  
Dr. Suryanarayana K  
Professor and Head

  
\_\_\_\_\_  
Dr. Niranjan N. Chiplunkar  
Principal



भारत गणराज्य / REPUBLIC OF INDIA

टाईप / Type कोड / Code  
P IND  
लक्षणाम / Surname

राष्ट्रीयता / Nationality  
भारतीय / INDIAN

पासपोर्ट नं. / Passport No.

V 8324756

ADAM

दिया यथा नाम / Given Name(s)

KANZAL HAQ

जन्मतिथि / Date of Birth

लिंग / Sex

**जन्म स्थान / Place of Birth**

## MANGALORE, KARNATAKA

**जारी करने का स्थान / Place of Issue**

BENGALURU

जारी करने की तिथि / Date of Issue

समाप्ति की तिथि / Date of Expiry

27/03/2032

P<INDADAM<<KANZAL<HAQ<<<<<<<<<<<<<<<<<<  
V8324756<0IND0107194M32032714064051580122<66



## THE BHARAT SCOUTS AND GUIDES

CERTIFICATE OF PARTICIPATION



KANZAL HAQ A of NMAMIT

has participated in the  
**Science Mela, International Cultural Jamboree - 2022**  
held at Alva's Education Foundation (R.),  
Moodubidire, Dakshina Kannada, Karnataka from  
21st to 27th December 2022.

Dr Yuvaraj A R  
Coordinator, Science Mela

Dr. M Mohan Alva  
Jamboree Secretary General  
District Chief Commissioner

P G R Sindhia  
Secretary General, PIC BSG  
State Chief Commissioner





NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA  
SURATHKAL, MANGALURU - 575025



## ENGINEER 2K22

### CERTIFICATE OF PARTICIPATION

This is to certify that

Kanzal Hug A  
has secured 11th place in Robowars (Alligators)  
organized by Mechanical Committee of Engineer '22.

Suryadeep Kr. Prasad  
**SURYADEEP KUMAR PRASAD**  
CONVENOR  
ENGINEER 2022

  
**SHUNUP S**  
CONVENOR  
MECHANICAL COMMITTEE

  
**PROF. NARENDRANATH S**  
DEAN (STUDENT WELFARE)



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA  
SURATHKAL, MANGALURU - 575025



## ENGINEER 2K22

### CERTIFICATE OF PARTICIPATION

This is to certify that

KANZAL HAQ A [TEAM ALLIGATORS 1.0]

has participated in DRONE RACING organized by  
Mechanical Committee of Engineer '22.

Suryadeep Kr. Prasad  
**SURYADEEP KUMAR PRASAD**  
CONVENOR  
ENGINEER 2022

  
**SHUNUP S**  
CONVENOR  
MECHANICAL COMMITTEE

  
**PROF. NARENDRANATH S**  
DEAN (STUDENT WELFARE)



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA  
SURATHKAL, MANGALURU - 575025



## ENGINEER 2K22

### CERTIFICATE OF PARTICIPATION

This is to certify that

KANZAL [ALLIGATORS]

has participated in Bot Hockey organized by  
Mechanical Committee of Engineer '22.

Suryadeep Kr. Prasad  
**SURYADEEP KUMAR PRASAD**  
CONVENOR  
ENGINEER 2022

  
**SHUNU P S**  
CONVENOR  
MECHANICAL COMMITTEE

  
**PROF. NARENDRANATH S**  
DEAN (STUDENT WELFARE)



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA  
SURATHKAL, MANGALORE - 575025



**ENGINEER '22**

## CERTIFICATE OF PARTICIPATION

This is to certify that

KANZAL HAQ A

has participated in RoboWars organized by

Mechanical Committee of Engineer '22.

ABHAY MISHRA  
CONVENOR

DR. NARENDRANATH  
DSW





# CERTIFICATE

---

## OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

KANZAL HAQ A

for his/her successful participation in  
Bots Combat 15 Kg challenge of

TechnoXian, held at Noida Indoor Stadium Complex, Noida NCR (INDIA)  
from 25<sup>th</sup> -27<sup>th</sup> July, 2023



WRC4766182411

Paresh Patel  
VICE PRESIDENT - AICRA

CEO-TECHNOXIAN



# CERTIFICATE

---

## OF PARTICIPATION

THIS CERTIFICATE IS PRESENTED TO

KANZAL HAQ A

for his/her successful participation in  
RoboSoccer challenge of

TechnoXian, held at Noida Indoor Stadium Complex, Noida NCR (INDIA)  
from 25<sup>th</sup> -27<sup>th</sup> July, 2023



WRC4595362413

Baldev Singh  
VICE PRESIDENT - AICRA

CEO - TECHNOXIAN



**NITTE**  
EDUCATION TRUST

**NMAM INSTITUTE  
OF TECHNOLOGY**

# CERTIFICATE OF APPRECIATION

PROUDLY PRESENTED TO

## KANZAL HAQ A

FOR PARTICIPATING IN THE "WKND.HACK VIRTUAL HACKATHON,

ORGANIZED BY IEEE STB 34551, NITTE MAHALINGA ADVANTHAVA MEMORIAL INSTITUTE OF TECHNOLOGY-NITTE,

HELD ON 1ST OCTOBER, 2021

A handwritten signature in black ink.

---

**Dr. KV S S S S Sairam**  
HOD ECE  
IEEE Student Branch Councilor  
NMAMIT, Nitte

A handwritten signature in black ink.

---

**Dr. Niranjan N Chiplunkar**  
Principal  
NMAMIT, Nitte



ST JOSEPH ENGINEERING COLLEGE  
AN AUTONOMOUS INSTITUTION  
MANGALURU - 575028



# CERTIFICATE

*of Excellence*

THIS CERTIFICATE IS PRESENTED TO

Mr/Ms KANZ AL (NITTE)

FOR SECURING First PLACE IN LINE FOLLOWER

DURING TIARA 2023, A NATIONAL TECHNO-CULTURAL FEST

HELD ON 23-25 MARCH 2023.

DR RIO D'SOUZA  
Principal

REV. FR WILFRED P. D'SOUZA  
Director



ST JOSEPH ENGINEERING COLLEGE  
AN AUTONOMOUS INSTITUTION  
MANGALURU - 575028



# CERTIFICATE

*of Excellence*

THIS CERTIFICATE IS PRESENTED TO

Mr/Ms ..... KANZAL (NITTE) .....

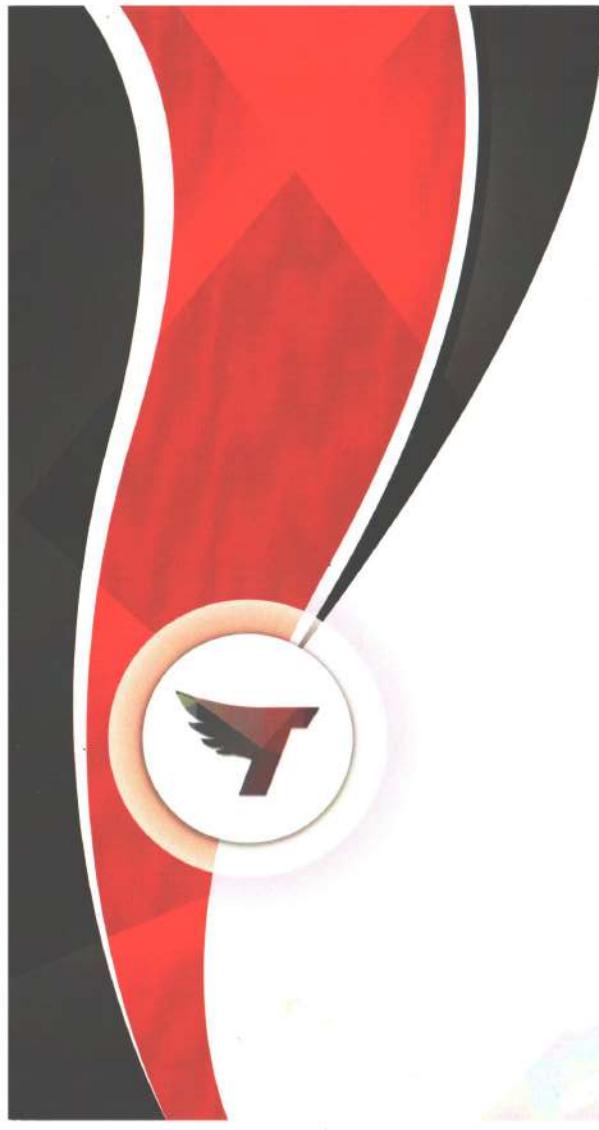
FOR SECURING SECOND PLACE IN BOT SOCCER

DURING TIARA 2023, A NATIONAL TECHNO-CULTURAL FEST

HELD ON 23-25 MARCH 2023.

DR RIO D'SOUZA  
Principal

REV. FR WILFRED P. D'SOUZA  
Director



**ST JOSEPH ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION  
MANGALURU - 575028



# **CERTIFICATE**

*of Excellence*

THIS CERTIFICATE IS PRESENTED TO

Mr/Ms KANZAL (NITTE)

FOR SECURING SECOND PLACE IN RC EXTREME

DURING TIARA 2023, A NATIONAL TECHNO-CULTURAL FEST

HELD ON 23-25 MARCH 2023.

DR RIO D'SOUZA  
Principal

REV. FR WILFRED P. D'SOUZA  
Director



**SRINIVAS UNIVERSITY**  
INSTITUTE OF ENGINEERING & TECHNOLOGY,  
MUKKA, MANGALURU - 574146

**CODE  
MEET**

IEEE Mangalore Subsection

# CERTIFICATE

## OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

KANZAL HAQ A [TEAM WSR-02]

From NMAMIT, Nitte

has secured 1<sup>st</sup> prize in Soccer Bots

Event in **CODEMEET** held on **27th October and 28th October 2023**

**PROF. RANJIT KOLKAR**  
CONVENOR

**DR. THOMAS PINTO**  
DEAN

**DR. CA. A. RAGHAVENDRA RAO**  
CHANCELLOR



## YENEPoya INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi )  
N.H-13 Thodar , Vidyanagar1, Moodabidri, Mangalore , Karnataka- 574225

# CERTIFICATE

This is to certify that Mr./Ms. KANZAL Haq, A \_\_\_\_\_ of  
NMAMIT \_\_\_\_\_ has Won First  
Place/Second Place in ROBO RACE \_\_\_\_\_ During  
YENSPLASH 2023 held at Yenepoya Institute of Technology, Moodbidri.

EMBRACE THE LEGACY

A handwritten signature in black ink, appearing to read 'R. D. S.' or similar initials.

Co-ordinator

A handwritten signature in black ink, appearing to read 'Dr. K. M. S.' or similar initials.

Principal



## YENEPoya INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi )  
N.H-13 Thodar , Vidyanagar1, Moodabidri, Mangalore , Karnataka- 574225

# CERTIFICATE

This is to certify that Mr./Ms. Kanzal H29-A of  
NMAMIT has Won First  
Place/Second Place in ROBO SOCCER During  
YENSPLASH 2023 held at **Yenepoya Institute of Technology, Moodbidri.**

EMBRACE THE LEGACY

A handwritten signature in black ink, appearing to read "Co-ordinator".

Co-ordinator

A handwritten signature in black ink, appearing to read "Principal".

Principal



## SRINIVAS INSTITUTE OF TECHNOLOGY

A SHAMA RAO FOUNDATION

AFFILIATED TO VTU, BELAGAVI & APPROVED BY AICTE, NEW DELHI

VALACHIL, MANGALURU, KARNATAKA - 574143

(ACCREDITED BY NAAC)



# ENVISION 2K23

## CERTIFICATE OF EXCELLENCE

This is to certify that

Kanzal

of N.M.A.M Institute of Technology, Nitte has secured  
2<sup>nd</sup> place in the event Hire Followr during ENVISION  
a National Level Techno Cultural Fest held on the 28th and 29th of  
March 2023

DR. PRASAD P  
( COORDINATOR )



DR. SHRINIVASA MAYYA D  
( PRINCIPAL AND CONVENER )



NMAM INSTITUTE  
OF TECHNOLOGY

WIPFLI

*Incridea*  
INNOVATE CREATE IDEATE

ODYSSEY OF A LIFETIME  
**-RUNNER UP-**

This is to certify that Mr/Ms KANZAL HAQ A  
of NMAMIT NITTE has secured second place in  
SLOW BIKE RACE during Incridea '22 held on  
13 MAY 2022 at NMAM Institute of Technology, Nitte.

*[Signature]*  
Faculty Coordinator

powered by  
**CODING NINJAS**

*[Signature]*  
Principal



**SRINIVAS UNIVERSITY**  
**INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**MUKKA, MANGALURU-574146**

APPROVED BY AICTE, UGC NEW DELHI & GOVT. OF KARNATAKA  
MUKKA, SURATHKAL, MANGALURU-574 146

**TECH YUVA**  
**2K23**

**CERTIFICATE OF EXCELLENCE**

This Certificate is proudly presented to

Kanzal Haq A

of NMAMIT (Nitte) has  
secured First place in the event Robo Soccer during  
TECH YUVA, a National Level Techno Cultural Games Fest held on  
22nd and 23rd of June 2023

  
Prof. Shrinath Rao  
(Convener)



  
Dr. Thomas Pinto  
(Dean)



## Course Completion Certificate

Kanzal Haq A

has successfully completed **100%** of the self-paced training course

**MATLAB Onramp**

A handwritten signature in black ink that reads "Rajah Santor".

DIRECTOR, TRAINING SERVICES

14 September 2021



## Course Completion Certificate

Kanzal Haq A

has successfully completed **100%** of the self-paced training course

MATLAB Fundamentals

A handwritten signature in black ink that reads "Craig Santos". It is positioned above a thin horizontal line.

DIRECTOR, TRAINING SERVICES

30 September 2021

## Society of Automotive Engineers India Bengaluru Section

### Certificate of Participation

THIS CERTIFIES THAT

KANZAL HAQ A

Has Participated in Technical Session Organized by SAEIBS on  
“Getting Ready to Develop Next Generation of Mobility Systems”  
NMAM Institute of Technology Nitte.

19<sup>th</sup> Aug 2023



---

GIRISH N R  
CHAIR SAEIBS



---

VENKATRAJ K  
DEPUTY DIRECTOR GENERAL  
SAEINDIA

# Kumaraguru **Yugam** 2021

Virtual | April 02, 03, 04

Title Sponsor



## Certificate of Appreciation

This is to certify that Mr./Ms. \_\_\_\_\_ Kanzal Haq A \_\_\_\_\_

of \_\_\_\_\_ Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT) \_\_\_\_\_

has secured \_\_\_\_\_ Second Place \_\_\_\_\_ in \_\_\_\_\_ ROBO SOCCER \_\_\_\_\_

organized by Kumaraguru Institutions, Coimbatore on \_\_\_\_\_ 20 - 05 - 2022 \_\_\_\_\_

**KUMARAGURU**  
Institutions

Dr. Saravanan D  
Principal, KCT

Co Sponsor



**BOSCH**  
Invented for life





Virtual | April 02, 03, 04

Title Sponsor



## Certificate of Participation

This is to certify that Mr./Ms. \_\_\_\_\_ Kanzal Haq A \_\_\_\_\_

of \_\_\_\_\_ Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT) \_\_\_\_\_

has Participated in \_\_\_\_\_ ROBO RASH \_\_\_\_\_

organized by Kumaraguru Institutions, Coimbatore on \_\_\_\_\_ 20 - 05 - 2022 \_\_\_\_\_

**KUMARAGURU**  
Institutions

Dr. Saravanan D  
Principal, KCT

Co Sponsor



**BOSCH**  
Invented for life





Virtual | April 02, 03, 04

Title Sponsor



## Certificate of Appreciation

This is to certify that Mr./Ms. \_\_\_\_\_ Kanzal Haq A \_\_\_\_\_

of \_\_\_\_\_ Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT) \_\_\_\_\_

has secured \_\_\_\_\_ First Place \_\_\_\_\_ in \_\_\_\_\_ BATTLE BOTS \_\_\_\_\_

organized by Kumaraguru Institutions, Coimbatore on \_\_\_\_\_ 20 - 05 - 2022 \_\_\_\_\_

**KUMARAGURU**  
Institutions

Dr. Saravanan D  
Principal, KCT

Co Sponsor



**BOSCH**  
Invented for life





**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
An Autonomous Institution  
MANGALURU

## CERTIFICATE OF PARTICIPATION

This certifies that

Kanzal Haq A

.....  
has participated in AEROPHILIA 23 in the .....  
GOAL IN .....  
event held at Sahyadri College of Engineering and Management on 7th, 8th  
& 9th December 2023. Their outstanding performance and exemplary  
achievements truly set them apart as a top participant in the event.



DR. S. S. INJAGANERI  
PRINCIPAL



VISHNU PRADEEP  
FACULTY CONVENOR



PRAJWAL P  
STUDENT CONVENOR



TEAM ALLIGATORS



NITTE  
EDUCATION TRUST

NMAM INSTITUTE  
OF TECHNOLOGY

# CERTIFICATE OF RECOGNITION

This is to cerify that

*Kanzal Haq A*

has been an active member of the collegiate combat robotics team during 2021-22, He has actively involved in bot building activities and participated in various robotics competitions.

Faculty Coordinator

Principal



Robotics Club Nitte



NMAM INSTITUTE  
OF TECHNOLOGY

# CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Kanzal Haq A

has participated in Python Workshop held on 9th October 2021. Session covered Data types, Variables, Conditional looping and Object oriented programming.

A handwritten signature in black ink.

Faculty Coordinator

A handwritten signature in black ink.

Principal



Robotics Club Nitte



NMAM INSTITUTE  
OF TECHNOLOGY

24V

# CERTIFICATE OF MEMBERSHIP

```
def robotics:  
    print(" I love Robots")  
    return
```

This is to certify that

Kanzal Haq A

has been an active member of the collegiate Robotics club and has been exposed into IoT, Machine Learning, Bot building and 3d design domains during academic year 2021-22

President

Faculty Coordinator

Principal

MEMBERSHIP



Robotics Club Nitte



NMAM INSTITUTE  
OF TECHNOLOGY

# CERTIFICATE

## OF APPRECIATION

This is to certify that

Kanzal Haq A

has actively volunteered for Robo Wars,  
Robo Race and Robo Soccer held during  
collegiate fest **Incridea 2022** and made  
the event a great success.

A handwritten signature in black ink, appearing to read "Amulya".

President

A handwritten signature in black ink, appearing to read "Sree".

Faculty Coordinator

A handwritten signature in black ink, appearing to read "Nitin N.".

Principal



# TIDES OF CHANGE

## CERTIFICATE OF APPRECIATION

THIS IS TO CERTIFY THAT

**KANZAL HAQ A**

HAS BEEN A VOLUNTEER FOR

**ROBO WARS**

FOR INCRIDEA '23.

WE WOULD LIKE TO EXPRESS OUR SINCERE GRATITUDE TO THEM  
FOR PROVIDING THEIR UNWAVERING SUPPORT AND DEDICATING

THEIR TIRELESS EFFORTS TO MAKE THE FEST A SUCCESS.

WE COMMEND THEM FOR THEIR FLAWLESS EXECUTION OF THEIR  
ROLES, ALLOWING US TO EMBARK ON THIS REMARKABLE JOURNEY,

WHERE THE TIDES OF CHANGE WERE EMBRACED, CONQUERED  
AND CREATED AN UNFORGETTABLE EXPERIENCE FOR US ALL.

FACULTY CO-ORDINATOR

PRINCIPAL