



J.C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)

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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**Smart Medicine reminder**" submitted by **Shivangi; Shivam; Shubham; Vivek** [Roll No.: 17001009051;17001009050;17001009053;17001009062] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Lalit Rai

Assistant Professor

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**Different controller performance assessment**" submitted by **Hingula** [Roll No.: 17001009023] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Lalit Rai

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**A web based temperature monitoring and control system**" submitted by **Dilpreet** and **Kunal** [Roll No.: 18001009508 ; 17001009026] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr Lalit Rai

Assistant Professor

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA

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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Smart traffic engagement for Emergency vehicles**" submitted by **Bharat Pant ; Harsh Sharma and Divya** [Roll No.: 17001009008;17001009021;17001009016] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Ms. Rashmi Chawla

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**Noise margin analysis using self bias and optimum bulk bias transistor technique**" submitted by **Sonu; Gitika ; Sushma** [Roll No.: 17001009017;17001009056;17001009058] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Dr. Sunil Jadav

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Sleep detector using open cv**" submitted by **Deepanshu; Bhumika; Aman** [Roll No.: 17001009016 ; 17001009010 ; 17001009002) has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Ms. Kalpana Sheokand

Assistant Professor

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "Sign to text convertor" submitted by Rahul [Roll No.: 18001009511] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Bharat Bhushan

Mr. Bharat Bhushan

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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It is certified that the work incorporated in the UG dissertation entitled “Smart Dustbin” submitted by **Abhijeet** [Roll No.: 1701009501] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Bharat Bhushan

Mr. Bharat Bhushan

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Neelam

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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It is certified that the work incorporated in the UG dissertation entitled "**Density Based four way traffic signal**" submitted by **Ankit** [Roll No.: 17001009004] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Gunjan

Mr. Gunjan Sardana

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Neelam

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Data management system**" submitted by **Komal** [Roll No.: 17001009063] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Ms. Kalpana Sheokand

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Combat vigilance system**" submitted by **Hardik** [Roll No.: 17001009018] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Ms. Kalpana Sheokand

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**Fire extinguisher Vehicle**" submitted by **MUKUND** [Roll No.: 17001009031] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Prashant

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG Project entitled "**Sign to text convertor**" submitted by **Harsh** [Roll No.: 17001009020] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Prashant

Assistant Professor

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "Combat vigilance system" submitted by Hardik [Roll No.: 17001009018] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.



Mr. Kamal Deep

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA



Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Sleep detector using open cv**" submitted by **Deepanshu; Bhumika; Aman** [Roll No.: 17001009016 ; 17001009010 ; 17001009002) has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Kamal Deep
Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk
Chairperson

Department of Electronics
Engineering JCBUST, YMCA



CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "RTL Designing Project" submitted by Rohit; Naman; Ansih; Ayush [Roll No.: 17001009045; 17001009033; 17001009003; 17001009007] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of B.Tech, EIC and completed successfully.

Mr. Nisha Yadav

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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It is certified that the work incorporated in the UG dissertation entitled "**Heart Beat Sensor**" submitted by **Shivam** [Roll No.: 17001009049] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Sonam Khera
Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk
Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "Portable Digital Blood Pressure" submitted by **Sachin** (Roll No.: 18001009513) has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Sangeeta Dhall

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Fire Fighting Robot**" submitted by **Ashutosh; Ayushi; Manik; Sadiya** [Roll No.: 18001009506;18001009507;18001009510;18001009514] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Sangeeta Dhall

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "**Dynamic Face Recognition System**" submitted by **Shrey Arora** [Roll No.: 17001009052] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Sheilza

Dr. Sheilza Jain

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Neelam

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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CERTIFICATE

It is certified that the work incorporated in the UG dissertation entitled "Human Following Robot" submitted by Ujjwal; Sumit; Kunjan; Rohit [RollNo.: 17001009059;17001009057;18001009509;18001009512] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of B.Tech, EIC and completed successfully.

Sheilza

Mr. Sheilza Jain

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Neelam

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA



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It is certified that the work incorporated in the UG dissertation entitled "**Data Analysis and visualisation of Restaurants using Zomato data set**" submitted by Rhythm Ahuja[Roll No.: 17001009043] has been carried out by the candidate for the period of August 2020 to December 2020 under my supervision for the degree of **B.Tech, EIC** and completed successfully.

Mr. Manju

Assistant Professor

Department of Electronics
Engineering JCBUST, YMCA

Dr. Neelam Turk

Chairperson

Department of Electronics
Engineering JCBUST, YMCA