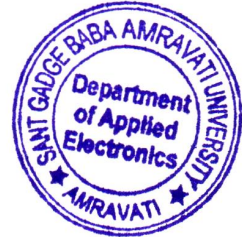


Certificate



This is to certify that, **Miss Arti AnilraoGonge**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **"AIR QUALITY MONITORING SYSTEM"** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.S.V.Dudul, Professor and Head, Department of Applied Electronics.* Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

A handwritten signature in blue ink, appearing to read "Dr. S.V. Dudul", with a long horizontal line extending to the left.

Dr.S.V.Dudul

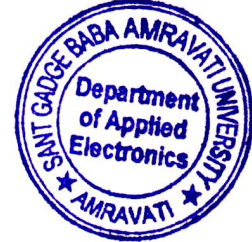
Professor & Head

P.G.Teaching Department of Applied Electronics

Sant Gadge Baba Amravati University

Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.

Certificate



This is to certify that, **Miss. Jayshree Suresh Khadse**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“AIR QUALITY MONITORING SYSTEM”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.S.V.Dudul, Professor and Head, Department of Applied Electronics.* Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date: 12.11.2020

A handwritten signature in blue ink, appearing to be "Dr. S.V. Dudul", written over a horizontal line.

Dr.S.V.Dudul

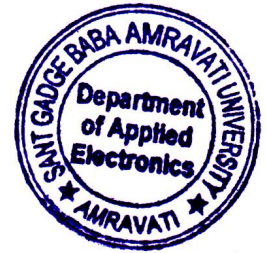
Professor & Head

P.G. Teaching Department of Applied Electronics

Sant Gadge Baba Amravati University

Department of Applied Electronics

Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Miss.Pratiksha D.Patil** has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as “**AIR QUALITY MONITORING SYSTEM**” during the academic year 2019-2020.

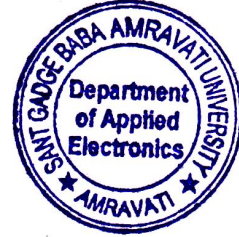
This work has been completed under the supervision and guidance of **Dr.S.V.Dudul, Professor and Head, Department of Applied Electronics.** Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

**Dr.S.V.Dudul
Professor & Head**

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

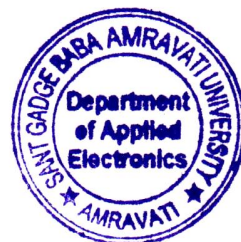
This is to certify that, **Mr. Ameen Shah Z.Hussain**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“AIR QUALITY MONITORING SYSTEM”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.S.V.Dudul, Professor and Head, Department of Applied Electronics.* Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

Dr.S.V.Dudul
Professor & Head
P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Miss.Anjali S.Paikrao**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“IOT BASED SMART DUSTBIN”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.R.D.Raut, Professor and Head*, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

Dr.Mrs.R.D.Raut
Professor

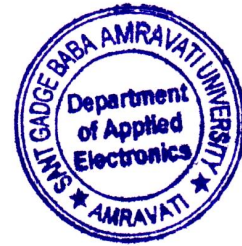
P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Mr.Gaurav S.Range**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“IOT BASED SMART DUSTBIN”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.R.D.Raut, Professor and Head*, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

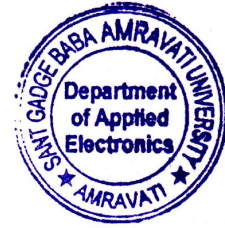
Date:12.11.2020

Dr.Mrs.R.D.Raut
Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Miss.Nikita S.Nandankar**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **"IOT BASED SMART DUSTBIN"** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.R.D.Raut, Professor and Head*, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

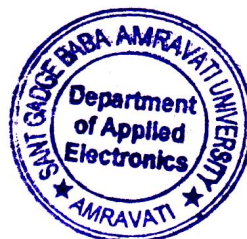
Date:12.11.2020

Dr.Mrs.R.D.Raut
Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Miss.Aboli S.Khode**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“DESIGN OF 4 BIT ARITHMETIC LOGIC UNIT”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of **Dr.Mrs.S.N.Kale**, Associate Professor, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

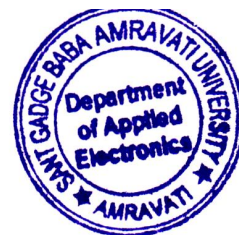
Date:12.11.2020

Dr.Mrs.S.N.Kale
Associate Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Associate Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Mr.Rakesh W.Patil**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as “**DESIGN OF 4 BIT ARITHMETIC LOGIC UNIT**” during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.S.N.Kale, Associate Professor*, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

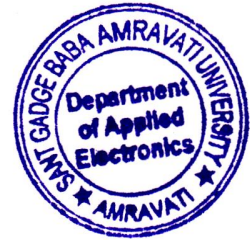
Date:12.11.2020

Dr.Mrs.S.N.Kale
Associate Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Associate Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Miss.Neha P.Bhoge**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“DESIGN OF 4 BIT ARITHMETIC LOGIC UNIT”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.S.N.Kale, Associate Professor*, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

Dr.Mrs.S.N.Kale
Associate Professor

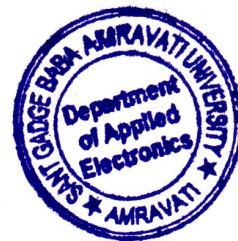
P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Associate Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Miss.Vaishnavi A.Gonge**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc.(Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology on the topic entitled as **“DESIGN OF 4 BIT ARITHMETIC LOGIC UNIT”** during the academic year 2019-2020.

This work has been completed under the supervision and guidance of *Dr.Mrs.S.N.Kale, Associate Professor, Department of Applied Electronics.* Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original work done by the candidate in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

Dr.Mrs.S.N.Kale
Associate Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Associate Professor
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Miss.Anjali S.Mangale**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as “**COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER**” during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree if the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

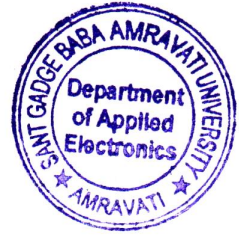
Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Miss.Aboli P.Tayade**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as “**COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER**” during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree if the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

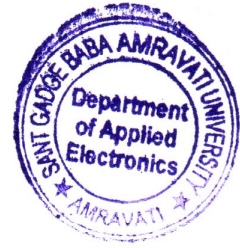
Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Miss.Kajal M.Patel**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as “**COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER**” during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

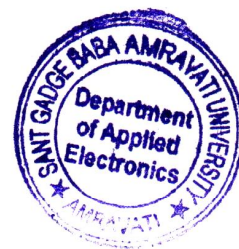
Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Miss.Vaishnavi A.Berad**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as “**COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER**” during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

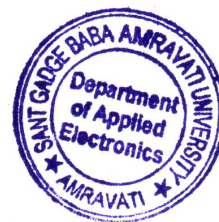
Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati.



Certificate

This is to certify that, **Mr.Shubham S.Bambal**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as **“COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER”** during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By

Assistant Professor

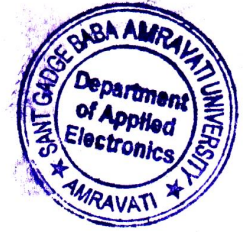
P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University

Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Mr.Kunal R.Dharmale**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as **“COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER”** during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree if the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

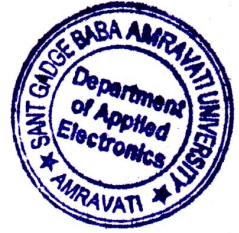
Date:12.11.2020

Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati

Dr.S.V.Dudul
Professor & Head

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Certificate

This is to certify that, **Mr.Amarkumar S.Shinde**, has satisfactorily completed the project work towards the partial fulfilment of M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University under the Faculty of Science and Technology under the Faculty of Science and Technology on the topic entitled as **“COMPUTER NUMERICAL CONTROL(CNC) ENGRAVER”** during the academic year 2019-20.

This work has been completed under the supervision and guidance of **Mr.K.D.Chinchkhede, Assistant Professor**, Department of Applied Electronics. Candidate was using the research laboratory of the Post Graduate Department of Applied Electronics at Sant Gadge Baba Amravati University in order to carry out this research work.

This project report embodies the original research work done by the candidates in partial fulfilment of the requirements of the M.Sc. (Applied Electronics) degree of the Sant Gadge Baba Amravati University and to the best of my knowledge and belief, work embodied in this project report has not formed

Date:12.11.2020


Mr.K.D.Chinchkhede
Guided By
Assistant Professor

P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati



Dr.S.V.Dudul
Professor & Head
P.G.Teaching Department of Applied Electronics
Sant Gadge Baba Amravati University
Professor & Head
Department of Applied Electronics
Sant Gadge Baba Amravati University
Amravati