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EVEN SEMESTER 2019-2020

This is to Certify that this Project Report Titled “**HOME TREATMENT**” is the Bonafide Work of **GAIKOTI MADHAVA RAO . (U16CS132), THANUBUDDI RAJASHEKAR REDDY . (U16CS148)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled **“ANALYSIS OF MACHINE LEARNING FOR STRATEGIC DECISION”** is the Bonafide Work of **PALLE SUDHEER KUMAR REDDY (U16CS113), BANGARAPU MANOJ KUMAR (U16CS114)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled "ALOHA HOTEL MANAGEMENT" is the Bonafide Work of **CHOKKAM NAGARAJU (U16CS100), NULAKA RAJGOPAL REDDY . (U16CS130)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled **“Improved Storage And Access of Historical Data using BlockChain Technology”** is the Bonafide Work of **NAVEEN BALAJI P (U16CS144), HARI S (U16CS135)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled "**Non-Contact Heart Rate Measurement System**" is the Bonafide Work of **K Ajayreddy (U16CS081)**, **K Balaji (U16CS066)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled **“Secure Mining Of Association Rules In Horizontally Distributed Database”** is the Bonafide Work of **Y. Sai Rakesh** (U16CS051), **Jagadeesh** (U16CS085), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "**Code Smell Detection**" is the Bonafide Work of **Abdul Haseeb** (U16CS067), **Kannababu** (U16CS087), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "AZURE VIRTUAL NETWORK PEERING BETWEEN TWO VNETS" is the Bonafide Work of **ARUNACHALAM R. (U16CS092)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled **"FACE DETECTION SYSTEM"** is the Bonafide Work of **AKSHAY KOTI CHIMATA . (U16CS092), BODAKUNTLA AKHIL (U16CS111)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**DETECTING FRAUD MOBILE APPLICATION**” is the Bonafide Work of **PATNALA VENKATESH (U16CS095)**, **YELLAPUREDDY REPARENDAR REDDY . (U16CS116)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled **"SMART EVM SYSTEM TO REDUCE ELECTRO FRAUDS "** is the Bonafide Work of **THUMMALA CHALLA MANOJ** (U16CS125), **NIMBAGALLU KURUBA** (U16CS158), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**NATURAL LANGUAGE PROCESSING SENTIMENTAL ANALYSIS**” is the Bonafide Work of **DEEPAK BHOLA (U16CS106)**, **PULLAGANTI VISWANADH (U16CS108)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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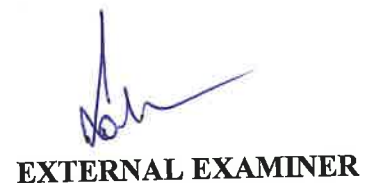
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This is to Certify that this Project Report Titled "**Efficient traceable Authorization and search**" is the Bonafide Work of **CHIRUMAMILLA VAMSI KRISHNA (U16CS143)**, **SHAIK ARSHAD (U16CS145)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "TEXT DETECTION USING LOG OPERATOR FOR COMPUTER VISION APPLICATIONS" is the Bonafide Work of YEMIREDDY SRINIVASA REDDY . (U16CS162), PATIBANDLA SRI NAVEEN . (U16CS166), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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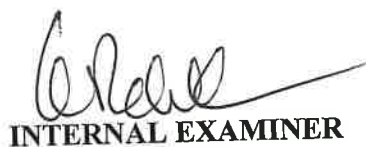
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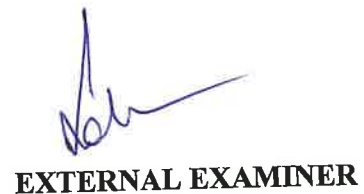
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This is to Certify that this Project Report Titled “ **DISASTER MANAGEMENT** ” is the Bonafide Work of **CHANDRAPATI VENKATA (U16CS137) MEKALA PANDU PREM KUMAR (U16CS165)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.


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This is to Certify that this Project Report Titled “**SECURE AND EXPRESSIVE DATA ACCESS CONTROL FOR CLOUD STORAGE**” is the Bonafide Work of **TRIPURANENI ROHITH (U16CS140), JAGARLAMUDI YESWANTH (U16CS141)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "AIR POLLUTION PREDICTION USING MACHINE LEARNING" is the Bonafide Work of NALLAPU RAJESH (U16CS152), MANDAVA MANOJ (U16CS164), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**cyberbullying detection base on semantic enhanced marginalized denoising auto encoder**” is the Bonafide Work of **KARANAM NAVANEETH RAO (U16CS091), SAPPIDI MUKHESH REDDY . (U16CS096)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**Cloud Management Bot**” is the Bonafide Work of **TEJASREE (U16CS110)** of Final Year B.Tech {CSE} who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled “**Employee Tracking System**” is the Bonafide Work of **Sai Sirisha** (U16CS083), **Meganathan.G** (U16CS055), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled **"AUTOMATIC TIMETABLE GENERATION USING GENETIC"** is the Bonafide Work of **RAJESH KUMAR G. (U16CS122)_ BIJJAM THIRUPATHI REDDY .. (U16CS161)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled **“A MULTI-LAYER PRIVACY PRESERVING CLOUD STORAGE SCHEME BASED ON COMPUTATIONAL INTELLIGENCE IN CLOUD COMPUTING”** is the Bonafide Work of **SAI SANJEEV BALAJI. (U16CS515), CHANDRAMOULI V. (U16CS519)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**DAILY ADVENTURE**” is the Bonafide Work of **RIK ROY** (U16CS156) of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



B. Sundarraj

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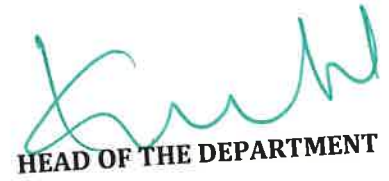
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This is to Certify that this Project Report Titled "Multiple face detection using machine learning" is the Bonafide Work of NAVULURI RAJENDRA MOHAN (U16CS133), VALETI SRIKANTH (U16CS104), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.


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This is to Certify that this Project Report Titled "**Prediction of Heart Disease Using Machine Learning Algorithms**" is the Bonafide Work of **PODAPATI ASMITHA (U16CS151), GANGISETTI MANEESHA (U16CS153)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.


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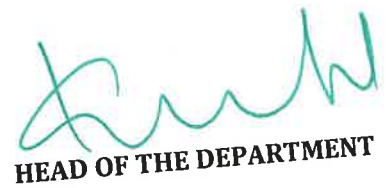
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This is to Certify that this Project Report Titled "Policy management with AI based records management" is the Bonafide Work of INTURI RAGHU BABU (U16CS112), YUGANDHAR S (U16CS117), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.



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This is to Certify that this Project Report Titled "CUSTOMER SEGMENTATION BASED IN A LIFE INSURANCE INDUSTRY USING MACHINE LEARNING" is the Bonafide Work of **MALREDDY SATHWIK REDDY (U16CS168), N.RAJESH (U16CS160)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate



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This is to Certify that this Project Report Titled "**Sports Fantasy**" is the Bonafide Work of **A. Shyamsaikumar** (U16CS082), **Abdul Sameer** (U16CS086), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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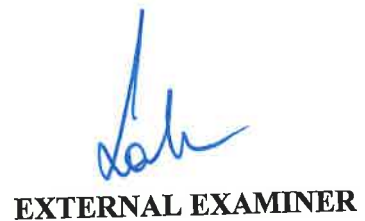
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This is to Certify that this Project Report Titled "SMART WAY TO PROTECT WOMEN FROM TROUBLESOME SITUATIONS LIKE RAPES AND MOLESTATIONS" is the Bonafide Work of **MAGULURI PAVAN** (U16CS131), **SURLA SRINUVASU** (U16CS124), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "**Image Analysis for MRI Based Brain Tumor Detection and Feature Extraction**" is the Bonafide Work of **JEFFRIN RAJAN M** (U16CS155) of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled "**MagNews Portal Website**" is the Bonafide Work of **GUDDU KUMAR (U16CS170)** of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**Variable strength combinational test data generation using enhanced Bird swarm algorithm**” is the Bonafide Work of **SHAIK NAGUL MEERAVALI (U16CS150)** of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**An analysis of Intrusion Detection using Machine Learning Techniques**” is the Bonafide Work of **MANDIPALLI CHIDANANDA REDDY (U16CS129)** of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.


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This is to Certify that this Project Report Titled **“Intrusion Detection System using Data Mining Techniques”** is the Bonafide Work of **ROSHAN KUMAR RAJ (U16CS120)** of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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This is to Certify that this Project Report Titled “**chat Bot**” is the Bonafide Work of **ANVESHA** (U16CS094), **MAHITHA** (U16CS115), of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

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INTERNAL EXAMINER

EXTERNAL EXAMINER



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
BONAFIDE CERTIFICATE**

EVEN SEMESTER 2019-2020

This is to Certify that this Project Report Titled “**ID2S Password-Authenticated Key Exchange Protocols**” is the Bonafide Work of **CHITTALA HARIKA (U16CS109), ARIKATLA PAVITHRA (U16CS119)**, of Final Year B.Tech (CSE) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on basis of which a degree or award conferred on an earlier occasion by any other candidate.

PROJECT GUIDE

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