



A.V. COLLEGE POST GRADUATE CENTRE

GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)

M.Sc. (Computer Science)



Date: 12-05-2019

CERTIFICATE

This is to certify that the project work entitled "IOT Based Home Work Writing Machine Using Arduino Uno, BenBox" in A.V. College P.G. Centre, Hyderabad is being submitted by Ms. V. Sai Latha bearing H.T. No.1053-17-504-001 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-SG)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29



STPI Registration No: STPH/IMSC/2001-2002/128/478

CERTIFICATE

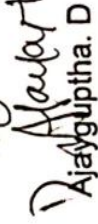
This is to certify that P.ANAND KISHORE bearing the HT.NO:105317504004 from, A V COLLEGE POST GRADUATION CENTRE, Student of M.Sc (Computer Science), have successfully completed the project titled "ENERGY-EFFICIENT QUERY PROCESSING IN WEB SEARCH ENGINES" as part of the course curriculum in our organization.

He has done the project using JAVA Technologies during the period JAN-2019 TO MAY-2019, under the guidance and supervision of Mr. K. Sujan Kumar, from Annex Solutions, Hyderabad.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.

For Annex Solutions,


Rajyaguptha. D

(Manager-HR)

CERTIFICATE

This is to certify that **N.VINAY KUMAR** bearing the **HT.NO: 105317504003** from, **A.V. PG COLLEGE** Student of **Msc**, have successfully completed the project titled **"FRAUDFIND FINANCIAL FRAUD DETECTION BY ANALYSING HUMAN BEHAVIOUR"** as part of the course curriculum in our organization.

He has done the project using **JAVA Technologies** during the period **FEB-2019 TO APR-2019**, under the guidance and supervision of **Mr. K. Sujan Kumar**, from **Annex Solutions, Hyderabad**.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.



For Annex Solutions,

Ajayguptha. D
(Manager-HR)

STPI Registration No: STPH/IMSC/2001-2002/128/478

CERTIFICATE


This is to certify that VADLA VINAY CHARY bearing the HT.NO: 105317504002 from, A.V. COLLEGE PG CENTRE, Student of M.Sc (Computer Science), have successfully completed the project titled "FACILITATING SECURE AND EFFICIENT SPATIAL QUERY PROCESSING ON THE CLOUD" as part of the course curriculum in our organization.

He has done the project using JAVA Technologies during the period JAN-2019 to MAY-2019, under the guidance and supervision of Mr. K. Sujjan Kumar, from Annex Solutions, Hyderabad.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.

For Annex Solutions,


Rajayguptha. D
(Manager-HR)



A.V. COLLEGE POST GRADUATE CENTRE



GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)

M.Sc. (Computer Science)

Date: 12/05/2019

CERTIFICATE

This is to certify that **Mr.Chenna Madhu Kumar** student of M.Sc.(Computer Science) bearing the Hall Ticket No. **1053-17-504-005** from **A.V. College P.G. Centre** has successfully completed the project titled **"IOT Based Water Level Monitoring & Pump Controlling System with Alarm Notification through Wi-Fi"** as part of the course curriculum in our organization.

He has done the project during the period **FEB to APRIL - 2019** under my guidance and supervision. He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future endeavors.

H.O.D


(T.Vamshi Krishna Reddy)

HEAD, DEPT OF M.Sc (Comp-Sc)

A.V. COLLEGE P.G. CENTRE

Gaganmahal, Hyderabad-29.

Project Guide


(M.Subramaneshwar Rao)



Date:

CERTIFICATE

This is to certify that A. JAYANTH REDDY, M.Sc (CS), student of A.V. College PG Centre, Gagan Mahal, Hyderabad, With Reg No: 1053-17-504-007 has successfully completed his Project work titled "ARTEMIS: NEUTRALIZING BGP HIJACKING WITHIN A MINUTE" as part of his course curriculum.

He has done this project using JAVA during the period of February 2019 to April 2019 under the guidance and supervision of Mr. Manikanta, Sr. Software Engineer, CyberSoft Systems (I) Pvt. Ltd., Hyderabad.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during his project is commendable.

We wish him all the best in his future endeavors.

for CyberSoft Systems (I) Pvt. Ltd.



STPI Registration No: STPH/IMSC/2003-2004/357/5073

CERTIFICATE

This is to certify that **Y.MAMATHA** bearing the Reg.No:105317504008 from **A V College Post Graduation Centre, Student of M.Sc (Computer Science)**, has successfully completed the project titled "**AUDIENCE BEHAVIOR MINING INTEGRATING TV RATINGS WITH MULTIMEDIA CONTENT**" as part of the course curriculum in our organization.

She has done the project using **JAVA Technologies** during the period **JAN-2019 to MAY-2019** under the guidance and supervision of **Mr. S. Venkata Reddy, from Quant Technologies, Secunderabad.**

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish her all the best in her future Endeavour.

For Quant Technologies,



Y. Shyam Sundhar
(Manager-HR)



A.V. COLLEGE POST GRADUATE CENTRE

GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

M.Sc. (Computer Science)

Tel: 040-65760591
Fax: 040-27610241



Date: 12-05-2019

CERTIFICATE

This is to certify that Ms. Gopu Laxmi Prasanna student of M.Sc.(Computer Science) bearing the Hall Ticket No. 1053-17-504-009 from A.V. College P.G. Centre has successfully completed the project titled "IOT Based Domestic Smart bin using Arduino Ultrasonic Sensor and Servo Motor" as part of the course curriculum in our organization.

She has done the project during the period FEB to APRIL -2019 under my guidance and supervision. She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish all the best in her future endeavors.

H.O.D


(T. Vamsi Krishna Reddy)

Project Guide


(K.E. Chaitanya Prasad)

STPI Registration No: STPH/IMSC/2001-2002/128/478

CERTIFICATE

This is to certify that **BANDARU NARESH** bearing the HT.No:105317504010 from, **A.V. COLLEGE PG CENTRE, Student of M.Sc. (COMPUTER SCIENCE)**, have successfully completed the project titled "INTEGRATED AUTHENTICATION AND KEY AGREEMENT FRAMEWORK FOR VEHICULAR CLOUD COMPUTING" as part of the course curriculum in our organization.

He has done the project using **JAVA Technologies** during the period **FEB-2019 TO MAY-2019**, under the guidance and supervision of **Mr. K. Sujan Kumar**, from **Annex Solutions, Hyderabad**.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.

For Annex Solutions,

Ajayguptha. D
(Manager-HR)



C.S.C. Technologies

COMPUTER STUDY CIRCLE

CERTIFICATE

This is to certify that **RAMAVATH RAVITEJA NAIK** bearing the **Reg.No:105317504011** from **A.V. College PG Centre, student of M.Sc. (Computer Science),** have successfully completed the project titled **"ONLINE COLLEGE MAGAZINE"** as part of the course curriculum in our organization.

He has done the project on using **.NET Platform** during the period **FEB 2019 to MAY 2019,** under the guidance and supervision of **Mr. Ram Reddy,** from **C.S.C. Technologies,** Hyderabad.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.



V. Ram Reddy
For **C.S.C. Technologies,**

V. Ram Reddy

(Manager-HR)
Managing Director
CSC TECHNOLOGIES
IS Sadan 'X' Roads, Hyd.

STPI Registration No: STPH/IMSC/2002-2003/979/1246

CERTIFICATE

This is to certify that **NIDANAPALLY KALPANA** bearing the H.T.No: **105317504012** from **A.V. COLLEGE PG CENTRE, student of M.Sc (Computer Science),** have successfully completed the industrial training "**A USER-CENTRIC MACHINE LEARNING FRAMEWORK FOR CYBER SECURITY OPERATIONS CENTER**" as part of the course curriculum in our organization.

She has done the project using **PYTHON Technologies** during the period **JAN-2019** to **MAY-2019**, under the guidance and supervision of **Mr. T.NAVEEN, Project Guide, Techworld Solutions, Hyderabad.**

She has completed the assigned project well with in the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish her all the best in her future Endeavour.



For Techworld Solutions,

A.S. Rao

(Manager-HR)



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: _____

CERTIFICATE

This is to certify that the project work entitled "Personalized Affective Feedback To Address Students Frustration in ITS", AV College PG Centre, Hyderabad is being submitted by **Mr. M.NANDEESHWER** bearing H.T. No. 1053-17-504-014 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-Sc)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29

External Examiner





M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce

GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)



Date: 12/05/2019

CERTIFICATE

This is to certify that the project work entitled "Credit Card Fraud Detection using Adaboost and Majority Voting" in Annex Solutions, Hyderabad is being submitted by Mr. B ONAPPA bearing H.T. No.1053-17-504-016 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D.

(T.Vamshi Krishna Reddy, Sc)

HEAD, DEPT OF M.Sc (Comp, Sc)

A.V. COLLEGE P.G. CENTRE

Gaganmahal, Hyderabad-29.

External Examiner



STPI Registration No: STPH/IMSC/2002-979/1246

CERTIFICATE


This is to certify that **NIDAMANURI ROJA** bearing the H.T.No: **105317504017**, from **A.V. COLLEGE PG CENTRE**, student of **M.Sc. (Computer Science)**, has successfully completed the project entitled "**A NETWORK CODING AND DES BASED DYNAMIC ENCRYPTION SCHEME FOR MOVING TARGET DEFENSE**" as part of the course curriculum in our organization.

She has done the project on using **JAVA Technologies** during the period **JAN-2019** to **MAY-2019**, under the guidance and supervision of **Mr. S. Bala Murali**, from **Apex Solutions, Hyderabad**.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish all the best in her future Endeavour.


For Apex Solutions,


Harsha Vardhan. Ch
(Manager-HR)

Plot #.34, Road #.14, New Viman Nagar, Jubilee Hills,
Hyderabad - 500 034. Telangana, INDIA.

www.apexsol.nct.in

STPI Registration No: STPH/IMSC/2003-2004/357/5073

CERTIFICATE

This is to certify that **K.MOUNIKA** bearing the Reg.No:105317504018 from **A.V. COLLEGE PG CENTRE**, Student of **M.Sc. (Computer Science)**, has successfully completed the industrial training "**EFFICIENT TRACEABLE AUTHORIZATION SEARCH SYSTEM FOR SECURE CLOUD STORAGE**" as part of the course curriculum in our organization.

She has done the project using **JAVA Technologies** during the period **JAN-2019** to **MAY-2019** under the guidance and supervision of **Mr. S. Venkata Reddy**, from **Quant Technologies, Secunderabad**.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish her all the best in her future Endeavour.

For Quant Technologies,



Y. Shyam Sundhar
(Manager-HR)



QUANT TECHNOLOGIES PVT. LTD.

2nd Floor, Plot No. 28, New Vasavi Nagar, Kharkhana, Secunderabad - 500 009.
www.quanttechnologies.in

STPI Registration No: 3TPH/IMSC/2003-2004/357/5073

CERTIFICATE

This is to certify that **P.HEMALATHA** bearing the **Reg.No:105317504020** from **A.V. COLLEGE PG CENTRE**, Student of **M.Sc. (Computer Science)**, has successfully completed the industrial training "**CLUSTERING BY LOCAL GRAVITATION**" as part of the course curriculum in our organization.

She has done the project using **JAVA Technologies** during the period **FEB-2019 to MAY-2019** under the guidance and supervision of **Mr. S. Venkata Reddy**, from **Quant Technologies, Secunderabad**.

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish her all the best in her future Endeavour.



For Quant Technologies,

Y. Shyam Sundhar

(Manager-HR)



Date: 16-02-2019.

Company Incorporation No.: U72900PN2011PTC138220

To

THE HEAD OF THE DEPARTMENT,
DEPARTMENT OF COMPUTER SCIENCE,
A.V.COLLEGE PG CENTRE,
GAGANMAHAL,
HYDERABAD.

SUBJECT: Academic project of Final M.Sc(Computer Science).

Dear Sir/Madam,

As per your college authorities request we have granted permission to the following student of M.sc(computer Science) from A.V COLLEGE PG CENTRE, to take-up the project entitled on "HEALTH-MINNING EXAMINATION" in .NET Platform in our Organization.

Name Reg.No

MENGARTHI,ABHISHEK

105317504021

During the project work, contender should follow the company rules & regulations while maintain the security and secrecy of valuable data related to the application which was allotted to him.

For-Velociter Solutions Pvt Ltd



Project Guide



B & I Tech Solutions Pvt. Ltd.

PROJECT CERTIFICATE

This is to certify that the following student with the name

MR. Shaik Javed. bearing the REGD.NO: 105317504022 from
AV COLLEGE PG Center, GAGANMAHAL, HYDERABAD. has successfully
completed the project titled "**Online Bus Reservation**" in our organization.

He has done the project using **Python technologies** during the Period
Jan 2019 - April 2019. under the guidance and supervision of **MR.Ram Project
Guide, For "B & I Tech Solutions Pvt Ltd."**

He has completed the assigned project well with in the time frame.

He is sincere, hardworking and his conduct during period is commendable.

We wish him all the best in the endeavor.

For B & I Tech Solutions Pvt Ltd.

Vikram Kumar.M
(HR-Manager)


CERTIFICATE

This is to certify that **MAMILLA JOSHNA** bearing the Reg.No:105317504023 from **A V COLLEGE POST GRADUATION CENTRE, Student of M.Sc (Computer Science),** have successfully completed the project titled **"MULTI-TRAFFICSENCE PERCEPTION BASED ON SUPERVISED LEARNING"** as part of the course curriculum in our organization.

She has done the project on using **PYTHON Technologies** during the period **JAN-2019 to MAY-2019,** under the guidance and supervision of **Mr. L. Pradeep,** from **Pensoft Solutions, Hyderabad.**

She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish all the best in her future Endeavour.


For Pensoft Solutions,

K.S. Ramalingam
K.S. Ramalingam

(Manager-HR)



M.Sc. (Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD - 500 029.
(Affiliated to Osmania University)



CERTIFICATE

This is to certify that the project work entitled “ Two Level QR Code for Private Message Sharing and Document Authentication” in Enterprise Solutions, Hyderabad is being submitted by Mr. RAMINENI TIRUPATHI bearing H.T.No:1053-17-504-024 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

H.O.D

(T. Vamshi Krishna Reddy)

HEAD, DEPT OF M.Sc (Comp-Sci)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29.

External Examiner





M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

Tel: 040-65760591
Fax: 040-27610241



Date: 18/05/19

CERTIFICATE

This is to certify that the project work entitled “ **An Approach to Balance Maintenance and Electricity Consumption in Cloud Data Centers**” in **Quant Technologies Pvt. Ltd , Hyderabad** is being submitted by **Ms. N. Chandana** bearing **H.T.No. 1053-17-504-025** as a part of curriculum in the partial fulfillment for the Award of **M.Sc.(Computer Science)** in **A.V. College P.G. Centre** for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

Vamshi Krishna Reddy
H.O.D

(**T. Vamshi Krishna Reddy**)
HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29.

External Examiner





M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

Tel: 040-65760591
Fax: 040-27610241



Date: 12/5/2019

CERTIFICATE

This is to certify that the project work entitled "BAG-OF-DISCRIMINATIVE-WORDS (BODW) REPRESENTATION VIA TOPIC MODELING" in PENSOFIT, Hyderabad is being submitted by Denchanala Sangeetha bearing H.T. No.1053-17-504-026 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

H.O.D.

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-Set)
A.V. COLLEGE P.G. CENTRE
Gaganm: h.a.l. Hyderabad-29.



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12/05/19

CERTIFICATE

This is to certify that the project work entitled "Targeted Public Distribution System" in C.S.C Technologies, Hyderabad is being submitted by Mr. V. Ramreddy bearing H.T.No.1053-17-504-027 as a part of curriculum in the partial fulfillment for the Award of M.Sc. (Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D.

(T. Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-50)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29.

External Examiner



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12/5/19

CERTIFICATE

This is to certify that the project work entitled “ MODELING AND PREDICTING CYBER HACKING BREACHES” in TECHWORLD SOLUTIONS, Hyderabad is being submitted by Gannoju Sridhar bearing H.T. No.1053-17-504-028 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D.

(T.Vamshi Krishna Reddy)

**HEAD, DEPT OF M.Sc (Comp-SC),
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29**

External Examiner





M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

Tel: 040-65760591
Fax: 040-27610241



Date: _____

CERTIFICATE

This is to certify that the project work entitled "THE IMPORTANCE OF WORKER REPUTATION INFORMATION IN MICROTASK-BASED CROWDED WORK SYSTEMS" in ENTERPRIZE SOLUTIONS, Hyderabad is being submitted by **Mr. GUNDA SHYAMSUNDER REDDY** bearing **H.T. No.1053-17-504-029** as a part of curriculum in the partial fulfillment for the Award of **M.Sc.(Computer Science)** in **A.V. College P.G. Centre** for the academic year **2017-19**. This has not been submitted to any other University or Institution for the Award of any Degree.

Vamsi Krishna Reddy
H.O.D

(T.VAMSHI KRISHNA REDDY)

HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29.

External Examiner



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12 | 5 | 2019

CERTIFICATE

This is to certify that the project work entitled “ Biometric Security System Using Arduino And Fingerprint Sensor Based On IOT” in A.V. College P.G. Centre, Hyderabad is being submitted by Mr. Anil Kumar.G bearing H.T. No.1053-17-504-030 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre, Hyderabad for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29

External Examiner



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce

GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)



Date: 12/5/2019

CERTIFICATE

This is to certify that the project work entitled "A Data Mining Based Model For Detection Of Fraudulent Behavior In Water Consumption" in Techworld Solutions, Hyderabad. is being submitted by Mr.T.Naveen, bearing H.T. No.1053-17-504-032 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

H.O.D

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-Sc)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29



Tel: 040-65760591
Fax: 040-27610241

**M.Sc.(Computer Science)
POST GRADUATE CENTRE**

A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: _____

CERTIFICATE

This is to certify that the project work entitled "Robust Malware Detection For Internet Of (BattleField) Things Devices Using Deep EigenSpace Learning" in Quant Technologies Pvt.Ltd., Secunderabad is being submitted by Bakkapola Ravali Reddy bearing H.T.No:1053-17-504-033 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

**H.O.D
(T.Vamshi Krishna Reddy)**

External Examiner

Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce

GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)



Date: 12-05-2019

CERTIFICATE

This is to certify that the project work entitled "Attribute-Based Storage Supporting Secure Deduplications Of Encrypted Data In Cloud" in Pensoft Solutions, Hyderabad is being submitted by Mr. V.Ganesh Yadav bearing H.T. No.1053-17-504-034 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V.College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)

HEAD, DEPT OF M.Sc (Comp-So)

A.V. COLLEGE P.G. CENTRE

Gaganmahal, Hyderabad-29

External Examiner



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12-5-2019

CERTIFICATE

This is to certify that the project work entitled "Emp Recruitment Man Power Acquisition" in Western Technologies, Hyderabad is being submitted by Ms. R.Swapna bearing H.T. No.1053-17-504-035 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V.College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

External Examiner



H.O.D

(T.Vamshi Krishna Reddy)

HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: _____

CERTIFICATE

This is to certify that the project work entitled "Review Of The Use Of AI Techniques In Serious Games : Decision- Making And Machine Learning." in Pensoft Solutions, Hyderabad is being submitted by Nandimandalam Poojith Sai bearing H.T.No:1053-17-504-036 as a part of curriculum in the partial fulfillment for the Award of M.Sc. (Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: _____

CERTIFICATE

This is to certify that the project work entitled "RICH SHORT TEXT CONVERSATION USING SEMANTIC KEY CONTROLLED SEQUENCE GENERATION" in Apex Technologies, Hyderabad is being submitted by B.ARAVIND bearing H.T. No.1053-17-504-037 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V.College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-Sc)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29





M.Sc.(Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12/05/2019

CERTIFICATE

This is to certify that the project work entitled "INTELLIGENCE AND INVESTIGATIVE PLATFORM FOR WORK FLOW ACTIVITY" in ENTERPRISE SOLUTIONS, Hyderabad is being submitted by Ms.B.INDRAJA bearing H.T. No.1053-17-504-039 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V.College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

H.P.D.D.

(T.Vamshi Krishna Reddy)

External Examiner

HEAD, DEPT OF M.Sc (Comp-Sc)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29.



Tel: 040-65760591
Fax: 040-27610241

M.Sc.(Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce

GAGANMAHAL, HYDERABAD -500 029.

(Affiliated to Osmania University)



Date: _____

CERTIFICATE

This is to certify that the project work entitled "Weakly Supervised Deep Embedding For Product Review Sentiment Analysis." in Pensoft Solutions, Hyderabad is being submitted by M.NAGESWARA RAO bearing H.T.No:1053-17-504-040 as a part of curriculum in the partial fulfillment for the Award of M.Sc. (Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.

H.O.D.

H.O.D.

(T.Vamshi Krishna Reddy)

HEAD, DEPT OF M.Sc (Comp-SC)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29

External Examiner





Tel: 040-65760591
Fax: 040-27610241

A.V. COLLEGE POST GRADUATE CENTRE

GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

M.Sc. (Computer Science)



CERTIFICATE

This is to certify that **Pani.Jyothsna** student of M.Sc.(Computer Science) bearing the **H.T.No : 1053-17-504-041** from **A.V.College P.G. Centre** has successfully completed the project titled **"IOT Based Voice Enabled Home Automation System using Google Assistant"** as part of the course curriculum in our organization.

. She has done the project on using **C Language** during the period **FEB to APRIL - 2019** under my guidance and supervision. She has completed the assigned project well within the time frame. She is sincere, hardworking and her conduct during period is commendable.

We wish all the best in her future endeavors.

For A. V. College P.G. Centre

Project Guide
(M.Subrameshwar Rao)

Tel: 040-65760591
Fax: 040-27610241



M.Sc. (Computer Science)

POST GRADUATE CENTRE

A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)

Date: 12/05/2019

CERTIFICATE

This is to certify that the project work entitled “Universal Database Management and application development interface using java ” in A.V.College P.G. Centre, Hyderabad is being submitted by Bikknor Shravya Priya bearing H.T. No.1053-17-504-043 as a part of curriculum in the partial fulfillment for the Award of M.Sc. (Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-56)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29

External Examiner





M.Sc. (Computer Science)
POST GRADUATE CENTRE
A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
 (Affiliated to Osmania University)

Date: _____

CERTIFICATE

This is to certify that the project work entitled **“Collaborative Data Publishing ”** in **A.V. College P.G. Centre, Hyderabad** is being submitted by **Kumpatla Uday Bhaskar** bearing **H.T. No.1053-17-504-044** as a part of curriculum in the partial fulfillment for the Award of **M.Sc. (Computer Science)** in **A.V. College P.G. Centre** for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-So)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-29

External Examiner



Tel: 040-65760591
Fax: 040-27610241

**M.Sc.(Computer Science)
POST GRADUATE CENTRE**

A.V. College of Arts Science & Commerce
GAGANMAHAL, HYDERABAD -500 029.
(Affiliated to Osmania University)



Date: 12/5/2019

CERTIFICATE

This is to certify that the project work entitled “ Joint Pricing and Capacity Planning in the IAAS Cloud Market” in Annex Solutions, Hyderabad is being submitted by Mr.K.VEERESH bearing H.T. No.1053-17-504-045 as a part of curriculum in the partial fulfillment for the Award of M.Sc.(Computer Science) in A.V. College P.G. Centre for the academic year 2017-19. This has not been submitted to any other University or Institution for the Award of any Degree.


H.O.D

(T.Vamshi Krishna Reddy)
HEAD, DEPT OF M.Sc (Comp-Sc)
A.V. COLLEGE P.G. CENTRE
Gaganmahal, Hyderabad-20

External Examiner



CERTIFICATE

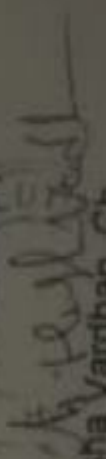
This is to certify that **P.KIRAN KUMAR** bearing the **Reg.No:105317504015** from **A.V. COLLEGE PG CENTRE**, student of **M.Sc. (Computer Science)**, has successfully completed the project titled "**STRING SIMILARITY SEARCH: A HASH-BASED APPROACH**" as part of the course curriculum in our organization.

He has done the project using **PYTHON Technologies** during the period **JAN-2019 to MAY-2019**, under the guidance and supervision of **Mr. S. Bala Murall**, from **Apex Solutions, Hyderabad**.

He has completed the assigned project well within the time frame. He is sincere, hardworking and his conduct during period is commendable.

We wish all the best in his future Endeavour.

For Apex Solutions,


Harsha Vardhan, Ch

(Manager-HR).