

**Annai College of Arts & Science**

**Quality Education for Today & Tomorrow**

**Kovilacheri, Kumbakonam. 612 503. Ph: 0435 2453007**

Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli. E-Mail: acasdmn@gmail.com

## DEPARTMENT OF MCA

PROJECT FILE

BATCH

2018 - 2021

DEPARTMENT OF MCA

HOD

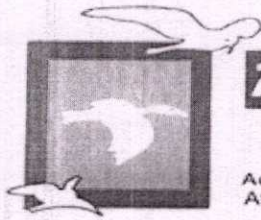
DIRECTOR

IQAC



PRINCIPAL

**Principal**  
Annai College of Arts & Science  
Kovilachery, Kumbakonam-612



## Annai College of Arts & Science

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### DEPARTMENT OF MCA

Date: 23.12.2020

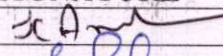
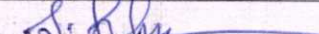
#### MINUTES OF MEETING FOR PROJECT WORK

The Department Meeting was held in the HOD Cabin dated on 23.12.2020

#### AGENDA

- Project Discussion
- Guide List
- Guidelines regarding Project Work
- Review Dates

#### FACULTY PRESENCE

S.No	FACULTY NAME	SIGNATURE
1.	K.ARULMOZHI	
2.	S.SIVAKUMAR	

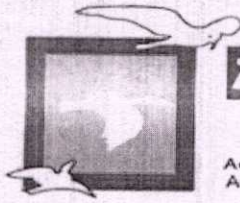
#### RESOLUTION

- Resolved to give detail information about the project to the Students.
- Resolved by Allocating List of Faculty with the ward effective Project Guidelines.
- Resolved by giving proper guidelines with interested topics to execute the Projects.
- Resolve to follow up the review dates as per the Schedule Dates.

  
PROJECT CO-ORDINATOR

  
HOD

  
DIRECTOR



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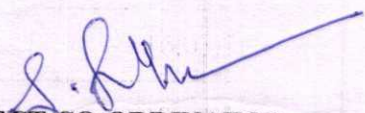
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### DEPARTMENT OF MCA

#### PROJECT REVIEW DETAILS / III MCA / 2020 - 2021

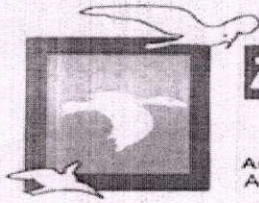
TOTAL MARKS: 40

MONTH	DATE	REVIEW	DETAILS	MARKS ALLOCATION
JANUARY	25.01.2021	Zeroth Review	Project Discussion	10
FEBRUARY	15.02.2021	First Review	Title, Frontend, Backend, Abstract	10
MARCH	16.03.2021	Second Review	Modules and Modules description	10
APRIL	12.04.2021	Third Review	Project Execution	10

  
PROJECT CO-ORDINATOR

  
HOD

  
DIRECTOR



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## DEPARTMENT OF MCA

**BATCH 2020 - 2021**

**CLASS: III MCA**

S.NO	STAFF NAME	NO.OF STUDENTS GUIDED
1	K.ARULMOZHI	09
2.	S.SIVAKUMAR	08

CLASS: III MCA

PROJECT CO-ORDINATOR

HOD

DIRECTOR

PROJECT CO-ORDINATOR



# Anna College of Engineering and Technology

## Quality Education for Today & Tomorrow

Accredited by NAAC with 'B' Grade & Recognized by UGC under Section 2(f) & 12(B)  
Affiliated to Bharathidasan University, Tiruchirappalli E-mail: [accasam@gmail.com](mailto:accasam@gmail.com)

### Department Of MCA Student Project List Batch 2018 - 2021

S.No.	Name	Reg. No.	Title of the Project	Guide Name
1	DIVYA.B	18283162	DGA BASED BOTNET BDETECTION TOWARD IMBALANCED MULTI CLASS LEARNING	Prof.K.Arulmozhi
2	ELAVARSILR	18283163	GROUP CHAIN:TOWRDS A SCALABLE PUBLIC BLOCK CHAIN FOG COMPUTING AND IOT SERVICES COMPUTING	Prof.K.Arulmozhi
3	GOWSALYAR	18283164	MULTI-LEVEL REVERSIBLE DATA ANONYMIZATION VIA COMPRESSIVE SENSING AND DATA HINDING	Prof.K.Arulmozhi
4	JAIKANESHS	18283165	ATTRIBUTE BASED ACCESS CONTROL FOR MOBILE CLOUDS WITHOUT PROXY OUT SOURCING	Prof.K.Arulmozhi
5	MEENA.R	18283166	RATING PREDICTION AND SKILLING ATTACK DETECTION USING RECOMMENDATION SYSTEM	Prof.K.Arulmozhi
6	MOULEESHWARAN.P	18283167	CRYPT-DAC:CRYPTOGRAPHICALLY ENFORCED DYNAMIC ACCESS CONTROL IN THE CLOUD	Prof.K.Arulmozhi
7	MUBBEEN AHAMEED.J	18283168	A ROBUST HIERACHICAL CLUSTER ANALYSIS FOR USER BEHAVIOR	Prof.K.Arulmozhi
8	PAZHANIYAPPAN.K	18283169	EDGE COMPUTING FOR OPTIMIZING DATA LOGICALLY ACCESS FOR ANALYSIS	Prof.K.Arulmozhi
9	SAMEERA FARVEEN.N	18283170	REPAIR PIPELINING MECHANISM WITH HYBRID ERASURE CODING FOR BLOCK CHAIN	Prof.K.Arulmozhi
10	SANTHINI.G	18283171	CROWD DETECTION AND DENSITY ESTIMATION	Prof.S.Sivakumar
11	SATHISH.S	18283172	A STREAM CIPHER BASED ENCRYPTED PROTOCOL FOR MOBILE DEVICE	Prof.S.Sivakumar
12	SOUNDHARYA.S	18283173	DEFENSE MECHANISMS AGAINST DDOS ATTACKS IN A CLOUD COMPUTING ENVIRONMENT	Prof.S.Sivakumar
13	VENNILA.R	18283174	IDENTITY BASED ENCRYPTION AND DATA SELF DESTRUCTION IN CLOUD COMPUTING	Prof.S.Sivakumar
14	VIGNESH.R	18283175	DETECT AND PREVENT SQL INJECTION ATTACKS	Prof.S.Sivakumar

15	VJAY MURUGAN.K	18283176	AUTOMATIC VEHICLE NUMBER PLATE RECOGNITION SYSTEM	Prof. S. Sivakumar
16	VINITHAR	18283177	COLLABORATIVELY TRACKING INTERESTS FOR USER CLUSTERING IN STREAMS OF SHORT TEXTS	Prof. S. Sivakumar
17	VINOTHINI.M	18283178	IMAGE STENOGRAPHY AND DATA HIDING IN QR CODE	Prof. S. Sivakumar

  
HOD

  
Director

  
IQAC

  
Principal



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## ATTENDANCE FOR PROJECT / III MCA / 2020-2021

S.NO	STUDENT NAME	REG.NO	ZEROth REVIEW	FIRST REVIEW	SECOND REVIEW	THIRD REVIEW
1	DIVYA B	18283162	B. Divya	B. Divya	B. Divya	B. Divya
2	ELAVARASI R	18283163	R. Elavarasi	R. Elavarasi	R. Elavarasi	R. Elavarasi
3	GOWSALYA R	18283164	R. Gowshalya	R. Gowshalya	R. Gowshalya	R. Gowshalya
4	JAIGANESH S	18283165	S. Jaiganesh	S. Jaiganesh	S. Jaiganesh	S. Jaiganesh
5	MEENA R	18283166	R. Meena	R. Meena	R. Meena	R. Meena
6	MOULEESHWARAN P	18283167	P. Mouleswaran	P. Mouleswaran	P. Mouleswaran	P. Mouleswaran
7	MUBEEN AHAMED H	18283168	H. Mubeen	H. Mubeen	H. Mubeen	H. Mubeen
8	PAZHANIYAPPAN K	18283169	K. Pazihiyan	K. Pazihiyan	K. Pazihiyan	K. Pazihiyan
9	SAMEERA FARVEEN N	18283170	N. Sameera	N. Sameera	N. Sameera	N. Sameera
10	SANTHINI G	18283171	G. Santhini	G. Santhini	G. Santhini	G. Santhini
11	SATHISH S	18283172	S. Sathish	S. Sathish	S. Sathish	S. Sathish
12	SOUNDHARYA S	18283173	S. S. Soundharya	S. S. Soundharya	S. S. Soundharya	S. S. Soundharya
13	VENNILA R	18283174	R. Vennila	R. Vennila	R. Vennila	R. Vennila
14	VIGNESH R	18283175	R. Vignesh	R. Vignesh	R. Vignesh	R. Vignesh
15	VIJAY MURUGAN K	18283176	K. Vijay Murugan	K. Vijay Murugan	K. Vijay Murugan	K. Vijay Murugan
16	VINITHA R	18283177	R. Vinitha	R. Vinitha	R. Vinitha	R. Vinitha
17	VINOTHINI M	18283178	M. Vinothini	M. Vinothini	M. Vinothini	M. Vinothini

Project Coordinator

# **Confirmation Certificate**





# HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED

#17/3B, DD COMPLEX, PUTHUR, TIRUCHIRAPPALLI-620017.  
(Opposite to ARUNA THEATRE)  
+91 8939994411.  
hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

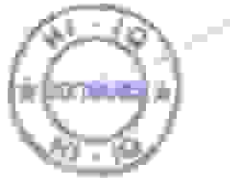
DATE: 25/03/2021

## To Whomsoever It May Concern

This is to certify that Ms. B.Divya (Reg.No: 18283162) from Anna College of Arts and Science, Kovilacheri, Kumbakonam has completed her internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). Her performance exceeded our expectations and she could complete the project "DGA-BASED BOTNET DETENTION TOWARD IMBALANCED MULTICLASS LEARNING" on time. During her internship the candidate has demonstrated her self-motivation skills to learn new skills.

We wish her all the best for her upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



S.Sivagnanam.

[hiiqsoftwares@gmail.com](mailto:hiiqsoftwares@gmail.com)

+91 8939994411

[www.hiiqsoftwares.com](http://www.hiiqsoftwares.com)



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(Opposite to ARUNA THEATRE)

+91 8939994411.

hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

## To Whomsoever It May Concern

This is to certify that Ms. R.Elavarasi (Reg.No: 18283163) from Annai College of Arts and Science, Kovilacheri, Kumbakonam has completed her internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). Her performance exceeded our expectations and she could complete the project "GROUPCHAIN:TOWARDS A SCALABLE PUBLIC BLOCK CHAIN FOG COMPUTING AND IOT SERVICE COMPUTING" on time. During her internship the candidate has demonstrated her self-motivation skills to learn new skills.

We wish her all the best for her upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



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hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

## To Whomsoever It May Concern

This is to certify that Ms. R.Gowsalya (Reg.No: 18283164) from Annai College of Arts and Science, Kovilacheri, Kumbakonam has completed her internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). Her performance exceeded our expectations and she could complete the project "MULTI-LEVEL REVERSIBLE DATA ANONYMIZATION VIA COMPRESSIVE SENSING AND DATA HIDING" on time. During her internship the candidate has demonstrated her self-motivation skills to learn new skills.

We wish her all the best for her upcoming career.

r HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



.Sivagnanam.

hiiqsoftwares@gmail.com

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+91 8939994411.

hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

### To Whomsoever It May Concern

This is to certify that MR.S.JAIGANESH (Reg.No: 18283 (65) from Anna College of Arts and Science, Kovilacheri, Kumbakonam has completed his internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). His performance exceeded our expectations and he could complete the project "ATTRIBUTE BASED ACCESS CONTROL FOR MOBILE CLOUDES WITHOUT PROXY" on time. During his internship the candidate has demonstrated his self-motivation skills to learn new skills.

We wish him all the best for his upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



S.Sivagnanam.

hiiqsoftwares@gmail.com

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hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

### To Whomsoever It May Concern

This is to certify that Ms.R.Meena (Reg.No: 18283166) from Annai College of Arts and Science, Kovilachen, Kumbakonam has completed her internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). Her performance exceeded our expectations and she could complete the project "RATING PREDICTION AND SHILLING ATTACK DETECTION USING RECOMMENDATIONS SYSTEM" on time. During her internship the candidate has demonstrated her self-motivation skills to learn new skills.

We wish her all the best for her upcoming career.

for HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.



S.Sivagnanam.

[hiiqsoftwares@gmail.com](mailto:hiiqsoftwares@gmail.com)

+91 8939994411

[www.hiiqsoftwares.com](http://www.hiiqsoftwares.com)



**BLUEARISE TECHNOLOGIES**

IT SOLUTIONS MULTIPROXY

Date: 28-03-2021

**TO WHOMSOEVER IT MAY CONCERN**

As per the company records, Mr. MOULLESHWARAN P (18283167) final year student of MCA in Annai College of Arts & Science. Completed his project "Crypt-DCA: Cryptographically Enforced Dynamic Access Control in the Cloud" in our concern. It had been organized to our organization from December 2020 to March 2021.

**For Bluearise Technologies**

(Project Manager)



Admin Office Bluearise | (1109)am 47<sup>th</sup> Anna Nagar Road St. Saldapur, Chennai-63, Tamil Nadu

Call: 9387573163 Web: [www.bluearise.com](http://www.bluearise.com)



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+91 8939994411.

hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

### To Whomsoever It May Concern

This is to certify that MR. H.Mubeen Ahamed (Reg.No: 18283168) from Annai College of Arts and Science, Kovilacheri, Kumbakonam has completed his internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). His performance exceeded our expectations and he could complete the project "A ROBUST HIERARCHICAL CLUSTER ANALYSIS FOR USER BEHAVIOR" on time. During his internship the candidate has demonstrated his self-motivation skills to learn new skills.

We wish him all the best for his upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



S.Sivagnanam.

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+91 8939994411

hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/20

### To Whomsoever It May Concern

This is to certify that MR. K.pazhaniyappan (Reg.No: 18283169) from Amal College of Arts and Science, Kovilacheri, Kumbakonam has completed his internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). His performance exceeded our expectations and he could complete the project "EDGE COMPUTING FOR OPTIMIZING DATA LOCALITY ACCES FOR ANALYSIS" on time. During his internship the candidate has demonstrated his self-motivation skills to learn new skills.

We wish him all the best for his upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



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hiiqsoftwares@gmail.com, www.hiiqsoftwares.com

DATE: 25/03/2021

### To Whomsoever It May Concern

This is to certify that Ms. N.Sameera Farveen (Reg.No: 18283170) from Anna College of Arts and Science, Koyilacheri, Kumbakonam has completed her internship in java at HIIQ SOFTWARES SOLUTIONS (OPC) PRIVATE LIMITED from (27.01.2021 to 25.03.2021). Her performance exceeded our expectations and she could complete the project "REPAIR PIPELINING MECHANISM WITH HYBRID ERASURE CODING FOR BLOCKCHAIN" on time. During her internship the candidate has demonstrated her self-motivation skills to learn new skills.

We wish her all the best for her upcoming career.

For HIIQ SOFTWARES SOLUTIONS (OPC) Pvt Ltd.,



S.Sivagnanam.

hiiqsoftwares@gmail.com

+91 8939994411

www.hiiqsoftwares.com

TO WHOMSOEVER IT MAY CONCERN

This is to confirm you that Miss. G.SANTHINI., studying Master of Computer Application at Annai College of Arts and Science, Kovilacheri, Kumbakonam with Reg.No: 18283171 has completed her final year project entitled "Crowd Detection and Density Analysis" on MATLAB technologies in our organization during the period of DECEMBER 2020 and MARCH 2021. During this period, her involvement in the project, her learning ability, and conduct with others was extremely good.

Thanking You

  
For Dreamwins Technologies

(Darvinmary. M)

**DREAMWINS INFOTECH**  
#1,C.Kothangudi Street  
Annamalai Nagar-608 002  
Ph.#4144-238857

Date : 28-3-2021

Place : Chidambaram



BLUEARISE TECHNOLOGIES

IT SERVICES SOLUTIONS

Date: 27-03-2021

**TO WHOMSOEVER IT MAY CONCERN**

As per the company records, Mr. SATHISH S (18283172) final year student of MCA in Anna College of Arts & Science, Completed his project "A Stream Cipher Based Encrypted Protocol for Mobile Devices" in our concern. It had been organized in our organization from December 2020 to March 2021.

**For Bluearise Technologies**

  
(Project Manager)



Bluearise Technologies, Bluearise IT Solutions, 27, Bluearise, S. Seshadri, Anna Nagar, Chennai, Tamil Nadu

Contact: 9840367001, 9840367002, 9840367003

TO WHOMSOEVER IT MAY CONCERN

This is to confirm you that Miss. S. SOUNDHARYA., studying Master of Computer Application at Annai College of Arts and Science, Kovilacheri, Kumbakonam with Reg.No: 18283173 has completed her final year project entitled "DEFENSE MECHANISM AGAINST DDOS ATTACKS IN CLOUD" on JAVA technologies in our organization during the period of DECEMBER 2020 and MARCH 2021. During this period, her involvement in the project, her learning ability, and conduct with others was extremely good.

Thanking You

  
For Dreamwins Technologies

(Darvinmary. M)

**DREAMWINS INFOTECH**  
81, C.Kothangudi Street  
Annamalai Nagar-608 002  
Ph.04144-238857

Date : 28-3-2021

Place : Chidambaram

TO WHOMSOEVER IT MAY CONCERN

This is to confirm you that Miss. R. VENNILA., studying Master of Computer Application at Annai College of Arts and Science, Kovilacheri, Kumbakonam with Reg.No: 18283174 has completed her final year project entitled "IDENTITY BASED ENCRYPTION AND DATA SELF DESTRUCTION IN ONLINE DATA SHARING" on .NET technologies in our organization during the period of DECEMBER 2020 and MARCH 2021. During this period, her involvement in the project, her learning ability, and conduct with others was extremely good.

Thanking You

  
For Dreamwins Technologies

(Darvinmary. M)

**DREAMWINS INFOTECH**  
81, C. Kothangudi Street  
Annamalai Nagar-608 002  
Ph.04144-238857

Date : 28-3-2021

Place : Chidambaram



BLUARISE TECHNOLOGIES

IT SOLUTIONS TECHNOLOGIES

Date: 23-03-2021

**TO WHOMSOEVER IT MAY CONCERN**

As per the company records, **Mr. VIGNESH R (08283175)** final year student of MCA in Anna College of Arts & Science, Completed his project "DETECT AND PREVENT SQL INJECTION ATTACKS" in our company. It had been organized in our organization from July 2020 to December 2020.

For Bluarise Technologies

(Project Manager)



TO WHOMSOEVER IT MAY CONCERN

This is to confirm you that **Mr. K. VIJAYMURUGAN.**, studying **Master of Computer Application** at **Annai College of Arts and Science, Kovilacheri, Kumbakonam** with **Reg.No: 18283176** has completed his final year project entitled **"AUTOMATIC VEHICLE NUMBER PLATE RECOGNITION SYSTEM"** on **MATLAB** technologies in our organization during the period of **DECEMBER 2020** and **MARCH 2021**. During this period, his involvement in the project, his learning ability, and conduct with others was extremely good.

**Thanking You**

  
For Dreamwins Technologies

(Darvinmary. M)

**DREAMWINS INFOTECH**  
81, C.Kothangudi Street  
Annamalai Nagar-608 002  
Ph.04144-238857

Date : 28-3-2021

Place : Chidambaram



BLUEARISE TECHNOLOGIES

IT SERVICES TECHNOLOGY

Date: 27-03-2021

**TO WHOMSOEVER IT MAY CONCERN**

As per the company records, **Ms. VINITHA R (18283177)** final year student of MCA in **Annai College of Arts & Science**, Completed his project "**Collaboratively Tracking Interests for User Clustering in Streams of Short Text**" in our concern. It had been organized in our organization from **December 2020 to March 2021**.

**For Bluearise Technologies**

  
(Project Manager)



Bluearise Technologies Private Limited, 10th Floor, Anna University, Chennai - 600 025, India

Call: +91 8779 7995 9000





BLUEARISE TECHNOLOGIES

IT SERVICES & CONSULTING

Date: 27-03-2021

**TO WHOMSOEVER IT MAY CONCERN**

As per the company records, Ms. VINOOTHINI M (18283178) final year student of MCA in Annai College of Arts & Science. Completed his project "Image Steganography and Data Hiding in QR Code" in our concern. It had been organized in our organization from December 2020 to March 2021.

For Bluearise Technologies

  
(Project Manager)



Bluearise Technologies Private Limited | IT & Management Solutions | Service - IT, Training & Consulting

10/1, 77-8th Street, Anna Nagar, Chennai - 600 002