Date: 20/12/2019.

From

Mr. M. Raja babu,

Head of the Department,

Department of Information technology,

Aditya Engineering College (A).

To

The Principal,

Aditya Engineering College (A).

Respected Sir,

Sub: Request to grant permission for organizing a Value-Added Course "Mobile Application Development using Android Kotlin"

To enhance the technical abilities of students pursuing B.Tech, the Department of Information technology is proposing to organize Value Added Course entitled "Mobile Application Development using Android Kotlin" from 26<sup>th</sup> December 2019 to 3<sup>rd</sup> January 2020. Hence, I request you to grant permission to organize the program with the necessary arrangements.

Thanking you,

Permitted ....

Yours truly,

Head of the Department,

Department of IT.



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## DEPARTMENT OF INFORMATION TECHNOLOGY

Date:21-12-2019

#### CIRCULAR

All the V semester students are here by informed that a Value added Course on "Mobile Application /development using Android Kotlin" is being organized from 26-12-2019 to 03-01-2020. The main aim of this training program is to make you develop mobile applications using android kotlin. Kotlin is the new programming language which has similar syntax of java and used for mobile application development. All the interested students should register their names with the Course Instructor Mr. A. Kalyan Chakravarthy on or before 22-12-2019.

Head of the Department

## COURSE CONTENT

The following topics will be covered

Topic	Hours
Syntax, control statements, OOP's concepts of Kotlin	5
Functions and Lambdas in Kotlin	5
Advanced Concepts in Kotlin	5
Basics of Android UI Development	5
Views, Activities and Intents	5
A simple App Development	3
Syntax,ControlStatements,OOPS concepts of Kotlin	2
Total Hours	30

## COURSE OUTCOMES

At the end of the course student will be able to

- Build enterprise level mobile applications with Kotlin on Android.
- Understand both the basic and advanced concepts of Kotlin.
- Understand why use Kotlin over Java.
- Install and configure Android Studio.
- Explain and use key Android programming

## RESOURCE PERSON

Mr. A. Kalyan Chakravarthy

Assistant Professor

Department of Information Technology, AEC

Email: kalvan0501@gmail.com

Value Added Course

on

Mobile Application Development using Android Kotlin

26<sup>th</sup> December 2019 to 03<sup>rd</sup> January 2020



Organized by Department of Information Technology



ADITYA ENGINEERING COLLEGE

## CO-ORDINATOR

Mr. G.Srinivas

Assistant Professor,

Email: srinivasg@gmail.com

Head of the Department

Department of IT

Aditya Engineering College



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## **Department of Information Technology**

## Value Added Course Report

Name of the Course	Mo	bile Application Development using Android	Kotlin
Introduction to Event	1	s event was introduced to impart knowledge plication Development using Android Kotlin	e on Mobile
Event date	Dat	es: 26-12-2019 To date: 03-01-2020	
Number of days	06	4	
Coordinator(s)	Mr	G.Srinivas	
		Topic	Hours
		Syntax, control statements, OOP's concepts of Kotlin	5
		Functions and Lambdas in Kotlin	5
		Advanced Concepts in Kotlin	5
Agenda/Event Flow		Basics of Android UI Development	5
		Views, Activities and Intents	5
		A simple App Development	3
		Syntax, control statements, OOP's concepts of Kotlin	2
		Total hours	30
No of Students participated and list		58 and the participant list is enclosed	l
Target participants		B.Tech V Semester	
Participants Attendance Sheet(enclosure)		Enclosed	

Resource person(s)	Mr. A. Kalyan Chakravarthy Assistant Professor Contact No. 9703464137 Email: kalyan.antharaju@aec.edu.in
Profile of resource person(s) in brief	Enclosed
Location and venue	BGB-105, Aditya Engineering College
Outcomes	<ul> <li>At the end of the course student will be able to</li> <li>Build enterprise level mobile applications with Kotlin on Android.</li> <li>Understand both the basic and advanced concepts of Kotlin.</li> <li>Understand why use Kotlin over Java.</li> <li>Install and configure Android Studio.</li> <li>Explain and use key Android programming concepts.</li> </ul>

Course Coordinator

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Head of the Department



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## **DEPARTMENT OF INFORMATION TECHNOLOGY**

## LIST OF STUDENTS REGISTERED FOR MOBILE APPLICATION DEVELOPMENT USING ANDROID KOTLIN

S.NO	Name	Roll No	Semester
	PAPPULA VENKATESH	16A91A1236	V
	MEDAPATI AYAPPA SATYA SAI VEERAGHAVA REDDY	17A91A1201	V
	ADAPA ISHITA	17A91A1202	V
	ALLU DURGA PRAVALLIKA	17A91A1203	V
	BALABHADRA SATYA VAISHNAVI	17A91A1204	V
	BANDREDDI SIREESHA	17A91A1205	V
	BOLLAM BANNU	17A91A1206	V
	BOMMA SAHITHI	17A91A1207	V
	BONDADA VENKATA MANI VASAVI	17A91A1208	V
10	BONTHU PRAVEEN	17A91A1209	V
1	CHINTA SRIBALA VIDYADHARI	17A91A1210	V
1	DUDDUPUDI HEMASRI CHARAN	17A91A1211	V
1	B EDARAPALLI SAI TEJA	17A91A1212	V
1	4 EELAPROLU YESWITHA	17A91A1213	V
1	GANGINA SRI VENKATA SAI	17A91A1215	V
1	GOLUGURI KEERTHI	17A91A1216	V
. 1	GUDLA SAI TEJA	17A91A1217	V .
1	B JAVVAJI SRAVAN	17A91A1218	V
1	KALLEPALLI SRISATYA	17A91A1219	V
2	KARI BHARGAVI	17A91A1220	V
2	1 KARRI RAM SREYASH	17A91A1221	V
2	KODATI VINEETHA	17A91A1222	V
2	KODINAGULA SURYA NARAYANA SWAMY	17A91A1223	V
2	4 KOMMANA VENKATA SURYA MADHUSRI	17A91A1224	V
2	KOVVURI KALYANILAKSHMI DEVI	17A91A1225	V
2	6 KULAPAKULA JNANENDRA KUSHAL	17A91A1226	V
2	7 LAKKOJU PRIYA BHAVANI	17A91A1227	V
2	MADDIPATI SRI SAI SUJANA	17A91A1228	V
2	MARISA VIJAYA NAVYA	17A91A1230	V
3	MARNI HARI KRISHNA	17A91A1231	V
3	1 MATCHA RICHARD PHILIPS ROY	17A91A1232	V
3	2 MUPPALLA RAKESH	17A91A1233	V
3	MUVVALA DHATHRI AMULYA SAMPADA	17A91A1234	V
3	4 NAMALA ALEKHYA	17A91A1235	V

35	NARGANA VENKATA KRISHNA SAI	17A91A1236	V
36	NISTALA ANUSHA	17A91A1237	V
37	NULU PRASANTH	17A91A1238	V
38	PAKALAPATI SAI KRISHNA	17A91A1239	V
39	PALAPARTHI DEEPTHI	17A91A1240	V
40	PENDURTHI SUSHMARCHANA	17A91A1241	V
41	PENUMARTHI SAI RISHMITHA	17A91A1242	V
42	PEPAKAYALA HARI PRIYA	17A91A1243	V
43	PINNAMARAJU BALA TEJA	17A91A1244	V
44	PONNAGANTI RANJITH KUMAR	17A91A1245	V
45	POTHURAJU DURGA PRASAD	17A91A1246	V
46	PUTCHAKAYALA VIJAYA DEEPIKA	17A91A1247	V
47	RAJPUROHIT BHARATH KUMAR	17A91A1248	V
48	REDDY RAMYA	17A91A1249	V °
49	SALADI VIJAYA LALITHA	17A91A1250	V
50	TALLURI NITIN SAI	17A91A1251	V
51	TAMMANA RESHMA APARNA	17A91A1252	V
52	VANAMA DHARANI RENUKA	17A91A1253	V
53	VEERAMALLA SRI DEVI LEELA	17A91A1254	V
54	VEGI MOUNIKA LAKSHMI	17A91A1255	V
55	VESANGI DEVI SITA GUNA NIKHILA	17A91A1256	V
56	VILLA LAKSHMI SAI	17A91A1257	V
57	VISHAL KUMAR DAS	17A91A1258	V
58	YERRAMSETTY VENKATA SIVA	17A91A1259	V

**Course Coordinator** 

Head of the Department



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#### Department of Information Technology

ATTENDANCE OF STUDENTS FOR MOBILE	ADDITION DEVELODA	AENT LISING ANDROID KOTI IN
ALLENDANCE OF STUDENTS FOR MUDILE	AFFLICATION DEVELOF	TENT USING ANDROID ROTLIN

		TENDANCE O		26/12/		27/12/2		28/12/2		30/12/2		2/1/20	020	3/1/20	20
.NO	Name	Roll No	Sem	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
				1 2 3	4 5	6 7 8	9 10	11 12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28	29 30
1	PAPPULA VENKATESH	16A91A1236	V	Ventoj.	Venly.	Ventur-	Venty	Venty	Venky	Venhy.	Ventry.	tenky	Venky	Venky	Venky.
2	MEDAPATI AYAPPA SATYA SAI VEERAGHAVA REDDY	17A91A1201	V	Satya	Satya	Batya	Botya	satya	Betja	Botyon	Botya	Botya	Botya	Batya	Botyo
3	ADAPA ISHITA	17A91A1202	V	ishaft	ishahl	ühahl	istal	schaft	Whati	Libaph	ishable	ishahh	rilaf	inhapl	Makin
4	ALLU DURGA PRAVALLIKA	17A91A1203	V	Surgan	Lunga	Swages	Sargo	Swiga	Swgo	- Swize	Lwaga	Swige	Swage	Burgo	Surgo
5	BALABHADRA SATYA VAISHNAVI	17A91A1204	V	B	Se	-800	8	8-	8	8~	8	82-	B	8-	Ser
6	BANDREDDI SIREESHA	17A91A1205	V	Siousha	Sowesh	Soresha	Sweet	Sineesha	Someth	Sincerha	Sineall	& neusha	Sinesh	Sineerha	Sinearha
7	BOLLAM BANNU	17A91A1206	V	Banna	Bannu	Banni	Bany	Banne	Bams	Banny	Banny	Banne	Barne	Banny	Barry
8	BOMMA SAHITHI	17A91A1207	V	Salith	Sabith	Sahithi	Sahit	Salith'	Sahith	Salithi		Galithi'	South	Lahith	Earist.
9	BONDADA VENKATA MANI VASAVI	17A91A1208	V	Van	Van	Van	Van	Van	Van	Van	Ab	Va	Van	Von	Von
10	BONTHU PRAVEEN	17A91A1209	V	planeen	pravery	planery	pravay	Praveers	Pravery	prevees	proven	praveer	Navery	graveeg	marker
11	CHINTA SRIBALA VIDYADHARI	17A91A1210	v	Sof	Soû	Sou	Sri	Sou	Sow	Sore	Sou	Sou	Solo	Soû	Sofe.
12	DUDDUPUDI HEMASRI CHARAN	17A91A1211	v	Charan	charar	Charan	charas	Charan	Charan	Charan	Charan	Charlan	Charan	Charan	Charan
13	EDARAPALLI SAI TEJA	17A91A1212	V	Tejah	Tejapl	Tejaj	Ab	Tejof	Tepy	Tejof	Tejaj	Tejaj	Tejay	Tejay	Tejaj

**Department of Information Technology** 

	ATTENDANCE OF STUDENTS FOR MOBILE APPLICATION DEVELOPMENT USING ANDROID KOTLIN																								
	, extra mag light and					/2019		_	27/1	2/20			28/12	2/2019	11	30	/12/2			2/1/2	020	3/1/2020		17	
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14	EELAPROLU YESWITHA	17A91A1213	V	1	Esith	1,4	uil	10				+-	weeth	+	ering	10		1/ /	١, ١		Verith		sex Ho	1/	z withou
15	GANGINA SRI VENKATA SAI	17A91A1215	V	5	ai°	50	u'		ou*		Sai		Soi		iai	Sac		Sor	50	i°	Soc'		al'	1	ai'
16	GOLUGURI KEERTHI	17A91A1216	V	Ke	with	Ke	orthi	Ka	2918	i	Keent	k	earth	ik	enelli	Kood	hi	Kooth	Kel	Ai.	kathi	ke	orthi	ke	alki
17	GUDLA SAI TEJA	17A91A1217	V	-	is	(je		-	ijo	-	Teps	10	ig	Te	6	Tep		Tels	Tex	8	Tes	Te	19	T	exc
18	JAVVAJI SRAVAN	17A91A1218	V	Jo	1	-	<b>V</b>	J	ans		Jan	7	Can	J	an	Jar		Jan	To	s	Jan	Je	<u></u>		Tan
19	KALLEPALLI SRISATYA	17A91A1219	V	S	Ma	6	tra	Sat	ua		Salara	São	lea	So	elva	Salya	l.	Salue	Sal	tura.	Cota	S	tua		otya
20	KARI BHARGAVI	17A91A1220	V		Lavai		-0		Thang	au.	.0		Bhoga		0		rgan	K. Bray		0	K. Bay		1		Bhur
21	KARRI RAM SREYASH	17A91A1221	V	Ro	an	R	yas.	Ro	m		Hour	12	aru	K	all	Ram	V	Youn	Rai	n	Ram	R	M	R	un
22	KODATI VINEETHA	17A91A1222	V	g	8	R	2		B	7	To	T	\$	-	K	90	-	D	-9	0	\$		2	1	3
23	KODINAGULA SURYA NARAYANA SWAMY	17A91A1223	V	8	120	34	20	8	we	-	BWS	2	Bus	- 12	3400	BW	9	Ship	- Bi	vo	sus	3	wa	-	345
24	KOMMANA VENKATA SURYA MADHUSRI	17A91A1224	V	3	Wige	Su	TO	Si	DUK	,	Swa		www	G	Dua	Swu	a	Sottue	Sux	1400	Swings	Sa	Su vo	Sie	rug.
1 (	KOVVURI KALYANILAKSHMI DEVI	17A91A1225	V	De	evi	De	vi	0	evi		Devi	I	evi	1	evi	Dev		Devi		2	Devi	De	De Vi	7	evi
0 :	KULAPAKULA JNANENDRA KUSHAL	17A91A1226	V	Kre	ghas	Jens	shad	Fu	usho	2	Kusha	The	ushow	e sh	ushal	- fine	100	Kusha	tres	has	Kusho	sk	usha	1	insha
27	LAKKOJU PRIYA BHAVANI	17A91A1227	V	Poss	rija	Soa	ija	good	iys	_ f	rigo	be	rigo	£3.	zeyo	- Praig	3_	Roselys	Sori	you	kningo	ke	riya	E	riyo
8	MADDIPATI SRI SAI SUJANA /	17A91A1228	V	Sýo	na	Seyft	no	Sy	jaz	25	Sigar	Su	gan	S	ĝar	Sylar	a	Segar	Seya	۔	Sijano	54	jano	Si	jara
9	MARISA VIJAYA NAVYA	17A91A1230	V.	Na	vxa	Na	vya:	Nav	/xa		Vavya	N	avya	Na	VY as	Navyo		Nevya	Nav	'Xa	Navya	No	vya	Na	VYa



## Department of Information Technology

ATTENDANCE OF STUDENTS FOR MOBILE APPLICATION DEVELOPMENT USING ANDROID KOTLIN

		1		26/12/	2019	27/12/2	019	28/12/2	019	30/12/2	019	2/1/20	020	3/1/20	020
.NO	Name	Roll No	Sem	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
				1 2 3	4 5	6 7 8	9 10	11 12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28	29 30
30	MARNI HARI KRISHNA	17A91A1231	V	Hary	Horis	Harry	Harj	Hary	Hari	Harif	Hair	Hour	Hary	I tae;	Hary
1 31	MATCHA RICHARD PHILIPS ROY	17A91A1232	V	Roy	Roy	Roy	Roy	Roy	Roy	Roy	Roy	Roy	Roy	Roy	Roy
32	MUPPALLA RAKESH	17A91A1233	V	Hake	Pak	Dork	Rak	Rak	Pak	Rak	Rak	Rak	Post	Pak	Rak
33	MUVVALA DHATHRI AMULYA SAMPADA	17A91A1234	V	The	R	. Dhat	Dy	Dul	Dy	Dhosti	Alid	wy	Edin	- Der	DA
34	NAMALA ALEKHYA	17A91A1235	V	He	Ale	te	Her	He	Ale	Ale	He	Ale	the	He	Ale
35	NARGANA VENKATA KRISHNA SAI	17A91A1236	V	Sal	109	201	sal	sai	Sail	109	sei	Mai	301	tai	hai
36	NISTALA ANUSHA	17A91A1237	V	anu.	ann	9mi	ann.	Jones.	any	any:	gni	any	and	any.	gin
37	NULU PRASANTH	17A91A1238	V (	Dry_	pm	(m)	pm	gn	ans	prey	pry	Burg	P-1	PM	Port
38	PAKALAPATI SAI KRISHNA	17A91A1239	V	Lai	Sai	sai	Sain	Sai	Sai	sai.	ai	Sen	Sai	102	591
39	PALAPARTHI DEEPTHI	17A91A1240	V	Deepth	Deepthi	Deeptho	DeepH	Deepth	people	Deepthi	people	Deapth	Deapt	epegalo	Deephi
40	PENDURTHI SUSHMARCHANA	17A91A1241	V	Sul	SA	CH	Sy	and	Sul	Sers	SI	Sy	Sis	fi	SI
41	PENUMARTHI SAI RISHMITHA	17A91A1242	V	and	p.s	2.9	PS	- g: is	2.0	P.S	P.S	P. S	Pil	2.9	2.9
42	PEPAKAYALA HARI PRIYA	17A91A1243	V	Pringe (	Briga	Priye	Priyo	Prize	Pringe	Prige	Pringe	Poriga	Print	Priye	Pay
43	PINNAMARAJU BALA TEJA	17A91A1244	V	Jega	Teja	Jeja	Teja	Téja	Jépa	Jeja	Feja	Jeja	Tega	Tega	Jela
44	PONNAGANTI RANJITH KUMAR	17A91A1245	V	Rayish	faith	Rojts	Per	Pays	Ley	peyth	Raj	Routh	Ruff	pright	Righ
45	POTHURAJU DURGA PRASAD	17A91A1246	V	DP	DP	Db	Dp.	DP	DP.	Dp	DP.	DP	Dp.	DP	DP

Department of Information Technology

		la l		26/12/	/2019	27/12/2	2019	28/12/2	2019	30/12/2	019	2/1/2	020	3/1/2020	
.NC	Name	Roll No	Sem	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
				1 2 3	4 5	6 7 8	9 10	11 12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28	29 30
46	PUTCHAKAYALA VIJAYA DEEPIKA	17A91A1247	v	beepa	Que	Durg	Drip	Pega	Dot	Dieps	On	Deep	Deug	Douby	Deep
47	RAJPUROHIT BHARATH KUMAR	17A91A1248	V	Dhutt	Dut	blisst	Bloom	Blut	ght	Bhut	ghot	Blund	elid	Burst	Blund
48	REDDY RAMYA	17A91A1249	v	RRanga	Phonys	RRango	RRango	RRange	Rany	Rhanja	R. Long	R. Renny	Ray	RRange	Robert
49	SALADI VIJAYA LALITHA	17A91A1250	v	vitaya	Vijak	u; JAya	Nitau	nijaya	vijax	evisaxa	vijak	1,2000	USTEN	l viga	viJala
50	TALLURI NITIN SAI	17A91A1251	V	Sent	Sent	Sans	fing	Sai	Ser	Soi	P's	Sal	Sail	Ser	sal
51	TAMMANA RESHMA APARNA	17A91A1252	V	1. Apare	TAPA	1. Apone	TAPE	TApare	Apar	T. Apane	TAparus	T. Aparna	T. Apara	TAparne	T-Apar
52	VANAMA DHARANI RENUKA	17A91A1253	V	7	R	R	包	K	R	Fr	R	P	72	R	D
53	VEERAMALLA SRI DEVI LEELA	17A91A1254	V	Leile	Lel	Leil	Lede	Leile	Leile	Leel	Leil	Leel	Leele	Leela	Leele
54	VEGI MOUNIKA LAKSHMI	17A91A1255	v	Lafe	Lah	Lad	Lah	Lah	Loh	Laker	Lab	Lahr	Lad	Lake	Lak
55	VESANGI DEVI SITA GUNA NIKHILA	17A91A1256	v	Sita	Sila	Sita	Sida	Sita	Sita	Sila	Sida	Sida	Sita	Sita	Sita
56	VILLA LAKSHMI SAI	17A91A1257	V	V.Sai	V. sai	V. sai	V.Sai	V. Sai	N/Sai	V. Sai	Visai	V. Sui	Vsai	Visai	V.Sai
57	VISHAL KUMAR DAS	17A91A1258	V	Par	Do	- Dar	Das	Dor	Pay	Dal	Day	Day	Day	Day	Pag
	YERRAMSETTY VENKATA SIVA	17A91A1259	V	Y. Give	YSwa	y.sina	y Siva	Y. Siva	YSINA	Y. Sive	Y. Siwa	Ysiva	y, sive	Yrsiva	Y. Siva
our	se Coordinator	a		G		a		a-		a		G			

Course Coordinator

Head of the Department



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Aditya Nagar, ADB Road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662

Department of Information Technology

## **CERTIFICATE OF PARTICIPATION**

This	is	to	certify	that	Mr./Ms.	~	1. RAKESH			bearing	roll	no
17A9	1A 12	-31		of <u>I</u>	Semester	has	completed	the	Valu	e-Added	Cou	rse
"Mol	bile	Ap	plication	n Dev	elopment	Usin	g Android	Kot	lin''	during th	ne per	iod
26-12	2-20	19 t	o 03-01-	2020.			ě					

Course Coordinator

Head of the Department

#### **RESUME**



#### ANTHARAJU K CHAKRAVARTHY

S/O. Srinivasa rao

Door No: 72-5-11,

Subbarao peta,

Lalacheruvu,

Rajahmundry,

Andhra Pradesh -533105.

E-Mail: kalyan0501@gmail.com

Mobile No: 91-9703464137.

## Career Objective :

To accomplish and fulfill my desire to be happy in an environment where I can offer my knowledge and experience. To learn more as I grow in an organization which is willing to give me a chance to improve and use my skills that I have and am willing to learn, if given the opportunity.

### Academic Profile:

Name of the Degree	College/Institution	Board/University	Year of Passing	Percentage/CGPA
M.Tech. (CSE)	Sri Sai Aditya Inst of Science&Technology, Surampalem	JNTU Kakinada.	2014	74.50%



B.Tech. (CSE)	Sri Sai Aditya Inst of Science&Technology, Surampalem	JNTU Kakinada	2011	63.25%
Intermediate (M.P.C)	B.S.R Jr college,Gokavaram	Board Of Intermediate Education	2007	64.54%
SSC	Govt High School,Rampachodavaram	Board of Secondary Education.	2005	78%

## Technical Skills:

Programming Languages : C, C++, Core Java.

Web Technologies

: HTML, Java Script.

**Operating Systems** 

: Windows.

**Packages** 

: MS-Office.

**Data Bases** 

: Oracle 9i,10g.

## Subjects Taught:

- Computer Networks.
- Computer Organization.
- Computer Architecture.

Head of the Department Department of IT
Aditya Engineering College

Abilities:

- Self motivation, initiative with a high level of energy.
- Verbal communication skills.
- Decision making, critical thinking, organizing and planning.
- · Patience.
- · Tolerant.

#### Organizing Skills:

- · Participated in 1 Day workshop on LATEX.
- Participated in 2 Day workshop on BIG DATA.

### **Publications:**

- Published A Paper on "Trust Based Routing Protocol for Multi-Hop Wireless Networks" in IJRCSMS International Journal.
- Published a Paper on "A Secure Distributed Code Discovery in Wireless Sensor Networks"in
   International Journal of Advanced Research in Science and Engineering.

Work Experience: 2 Years.

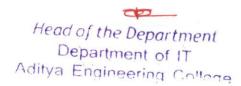
S.No	College/Institute	Designation	From	То
1	Aditya College Of Engineering & Technology, Surampalem.	Assistant Professor	23- 08- 2011	Till date

## Project:

Project Name: Trust Based Routing Protocol for Multi-Hop Wireless Networks.

Language used: Java.

Description: In a multi-hop wireless Network the mobile nodes acts as a router to forward packets, which are generated from the other nodes. There is no fixed infrastructure for routing purpose. The multi-hop wireless Network nodes need to spare their resources and time in order to accomplish this task. However malicious nodes do not co-operate but makes use of fairness and performance of the network. These type of nodes reduces the network performance. In this paper, we propose a Trust based routing protocol for multi-hop wireless Networks TBRP (Trust Based Routing Protocol) based on



Trust value. In this The Trust Value (TV) plays a vital role in the route detection. The TV can be calculated based on the low mobility, broken links and large hardware resources. Based on the Trust value we will route message through highly trusted nodes to minimize the probability of dropping the message and thus improve the network performance.

#### Personal Profile:

Date of Birth

: 02-JUL-1990.

Gender

: Male.

Nationality

: Indian.

Strengths

: Positive Attitude, Confidence, Sincere towards Work.

Hobbies

: Watching news channels, Surfing Net, Playing Games.

Languages known

: Telugu, English, Hindi.

### **Declaration:**

I, A. K. Chakravarthy here by declare that I will do my best and sincerely and earnestly to keep up the reputation of your Organization. I will also do my job keeping with the principles of your Organization.

Place:

Thanks & Regards,

Date:

(A. K. Chakravarthy)

