

## FACULTY PROFILE

1. **Name** : Yallamanda Challa
2. **Designation** : Assistant Professor
3. **Department** : Information Technology
4. **Date of Joining** : 01-07-2015
5. **Nature of Employment:** Regular
6. **Date of Birth** : 10-06-1988
7. **Unique ID (AICTE FID)** : 1\_2658898104
8. **Email** : challa.ynaidu@gmail.com  
: yallamandachalla@sircrrengg.ac.in
9. **Phone** : +917093388457, +917382188457
10. **Address for communication** : MIGH 75, APHB Colony, Near Vatluru,  
Pedapadu Mandal, WG-534007.



### 11. Educational Qualifications:

Qualification	Institute	University/ Board	Specialization	Year of Passing	Division/ Class
Ph.D.	Annamalai University	Annamalai University	Computer Science	Pursuing	
PG	Hindustan Institute of Technology and Science	Hindustan University, Chennai	Computer Science and Engineering	2012	First class with Distinction
UG	SAMS College of Engineering and Technology	Anna University, Chennai	Computer Science and Engineering	2010	First class with Distinction
Inter/Diploma	Sri Prathibha Jr. College, Kandukur	Board of Intermediate Education, AP	MPC	2006	A Grade
SSC	Vikas High School, Kandukur	Board of Secondary Education, AP	SSC	2004	A Grade

### 12. Work Experience:

**Teaching: 8      Research: Nil      Industry: Nil      Total: 8Years**

Name of the Organization	Designation	Date From	Date To
Sir C R Reddy College of Engineering, Eluru	Assistant Professor	01-07-2015	Till Date
St. Joseph University in Tanzania	Assistant Lecturer	16-01-2013	11-12-2014

**13. Courses taught:**

S. No.	Name of the subject	UG/PG
1	C Programming	UG
2	C++Programming	UG
3	Operating System	UG
4	Computer Networks	UG
5	Cryptography and Network Security	UG
6	Multimedia	UG & PG
7	Total Quality Management	UG
8	Compiler Design	UG & PG
9	C Programming and Numerical Methodology	UG
10	Advance Operating System	UG & PG
11	Data Structures	UG
12	Principals of Economics and Management	UG
13	Big Data Analytics	UG
14	Cyber Security	UG

**14. Administrative Responsibilities:**

S. No.	Description	College/ Department level
1	Member of Anti-Ragging Committee	College Level
2	Class Teacher	Department Level
3	Counsellor for Students	Department Level
4	Attendance and Marks In-charge	Department Level
5	Act as a member in NACC Central Committee	College Level
6	Member of NBA Criteria	Department Level
7	Member of Admission Team	College Level
8	Member of Website development Team	College Level

**15. Research Guidance:**

M. Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
-	-	-	-

**16. Research Publications in Journals (National/International):**

S. No.	Author(s) Name	Title of the Paper	Name of the Journal	National/ International	Month & Year	Volume, Issue No, Page No's	UGC/ Web of Science s/ Scopus/ SCI/Others
1	Yallamanda Challa	The Journey of Big Data: 3 V's to 32 V's	International Journal of Research in Computer and Communication	International	March-2016	5	UGC

			Technology				
2	Yallamanda Challa	Traffic Accidents Analysis with respect to Road Users uses Data mining Technique	International Journal of Emerging Trends & Technology in Computer Science	International	May-June 2017	3	UGC
3	Yallamanda Challa	Computer Business Organization on Cloud Platform	Journal of Physics Conf. Series	International	December 2018	1	UGC
4	Yallamanda Challa	Identification of MITM Attack by Utilizing Artificial Intelligence Mechanism	Journal of Physics Conf. Series	International	December 2018	1	UGC

#### 17. Research Papers in Conferences (National/International):

S. No.	Author(s) Name	Title of the Paper	Name of the Conference/Journal	National/International	Month & Year	Page No's
1	Yallamanda Challa	An identity based key exchange protocol	International Conference on Science and Innovation Engineering	National	31 <sup>st</sup> March 2012	15
2	Yallamanda Challa	A Reinforce Parallel K-Means Clustering using OpenMP: OM K-Means	International Conference on Advance in Computing Logic, Technology & Sciences	International	11 <sup>th</sup> March 2016	52
3	Yallamanda Challa	Cloud Sharing for Economic Benefits	International Conference on Emerging Technologies in Computer Science and Engineering	International	June 2016	65
4	Yallamanda Challa	Modelling and Optimization of Data in Data Analytics	International Conference on Engineering, Science & Technology and Management	International	30 <sup>th</sup> June 2018	42
5	Yallamanda Challa	Computer Business Organization on	International Conference on Computer Vision &	International	December 2018	65

		Cloud Platform	Machine Learning			
6	Yallamanda Challa	Identification of MITM Attack by Utilizing Artificial Intelligence Mechanism	International Conference on Computer Vision & Machine Learning	International	December 2018	75

### 18. No of Books Published:

S. No.	Author(s) Name	Title	Publisher	ISBN	Year of Publishing
-	-	-	-	-	-

### 19. Workshops/ FDPs/STTPs /etc., (Organised):

S. No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	A 2-Day Workshop on IoT and Its Applications	Sir C R Reddy College of Engineering, Eluru	19 <sup>th</sup> September 2018	20 <sup>th</sup> September 2018
2	Internet of Things	Sir C R Reddy College of Engineering, Eluru	22 <sup>nd</sup> July 2018	26 <sup>th</sup> July 2018
3	Cyber Security	Sir C R Reddy College of Engineering, Eluru	16 <sup>th</sup> March 2018	-
4	Awareness Programme on Anti-Ragging	Sir C R Reddy College of Engineering, Eluru	27 <sup>th</sup> July 2018	-
5	TechFest2K17	Sir C R Reddy College of Engineering, Eluru	16 <sup>th</sup> December 2017	-
6	A 2-Day Workshop on Data Science with R	Sir C R Reddy College of Engineering, Eluru	30 <sup>th</sup> October 2017	31 <sup>st</sup> October 2017
7	A 2-Day Workshop on PHP and JQUERY	Sir C R Reddy College of Engineering, Eluru	1 <sup>st</sup> Aug 2017	2 <sup>nd</sup> Aug 2017

### 20. Workshops/ FDPs/STTPs/ etc., (Attended):

S. No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	Programming for Everybody Getting Started with Python	Coursera PKDRLKX5DN3D	23/04/20	-
2	Cloud Computing Basics Cloud 101	Coursera M3JN3TZWH6B9	25/04/20	-
3	Google Cloud Platform Fundamentals Core Infrastructure	Coursera VNX6B3XVQB4Y	25/04/20	-
4	Python Basics	Coursera AMRHG63LAFP7	28/04/20	-
5	Introduction to HTML5	Coursera 62QJQE8H8PPL	29/04/20	-
6	AWS Fundamentals Going Cloud Native	Coursera XU86CVS52MV3	29/04/20	-
7	G Suite Security	Coursera DDPES6RBJV6R	04/05/20	-

8	Neural Networks and Deep Learning	Coursera B3Z8GL6BY8DV	04/05/20	-
9	G Suite Mail Management	Coursera QBSM2RXA74HD	04/05/20	-
10	Python Data Structures	Coursera 5MVD8ZYKAZMD	06/05/20	-
11	Essential Google Cloud Infrastructure Foundation	Coursera NG7ZWS8547Y9	09/05/20	-
12	Getting Started with AWS Machine Learning	Coursera HP4ZJ85NZCCL	10/05/20	-
13	Preparing for the Google Cloud Associate Cloud Engineer Exam	Coursera J6BBEP6BX3BB	11/05/20	-
14	Machine Learning for All	Coursera SKZZ5Z2Z9YP4	12/05/20	-
15	Using Python to Access Web Data	Coursera L2WF5JVTUBPF	13/05/20	-
16	Exploring and Preparing your Data with Big Query	Coursera CVLWLQ49AP3Z	15/05/20	-
17	AI For Everyone	Coursera UTYT5947ZLBZ	16/05/20	-
18	The Science of Well-Being!	Coursera DUK3FPGUF7BE	19/05/20	-
19	Essential Google Cloud Infrastructure Core Services	Coursera EP3WLQBBPLDV	20/05/20	-
20	Build Your First Android App (Project-Centered Course)!	Coursera BCXNJ4JJSZRK	24/05/20	-
21	Fundamentals of Graphic Design!	Coursera ZHP8GT45G8E6	31/05/20	-
22	Introduction to Big Data!	Coursera VS4JEP4TFS9H	31/05/20	-
23	Quantum Computing	All India Council For Technical Education (AICTE) Training and Learning (ATAL) Academy Sponsored Online Faculty Development Programme Organized by Department of Computer Science And Engineering, Government College of Engineering Sengipatti, Thanjavur	June 01, 2020	June 05, 2020
24	Optimization Techniques Through Machine Learning For Wireless and IoT	AICTE Sponsored One Week Online Short Term Training Program (STTP), Organized by Malla Reddy Engineering College for Women	13.07.20	18.07.20
25	Wireless Communication – Future IoT	AICTE Sponsored One Week Online Short Term Training Program (STTP), Organized by Vardhaman College of Engineering, JNTUH	20.07.20	25.07.20
26	Soft Computing Techniques in Civil Engineering Water Resources, Structures & Transportation Applications	AICTE Sponsored One Week Online Short Term Training Program (STTP), Organized by Shri Vishnu Engineering College For Women (AUTONOMOUS)	20.07.20	25.07.20

27	Optimization Techniques Through Machine Learning For IoT	AICTE Sponsored One Week Online Short Term Training Program (STTP), Organized by Malla Reddy Engineering College for Women	27.07.20	01.08.20
28	Block Chain Technology	Keshav Memorial Institute Of Technology, Narayanaguda, Hyderabad.	12.06.20	13.06.20
29	Workshop on Data Analysis Using Python	Community College, Gujranwala Guru Nanak Khalsa College Civil Lines, Ludhiana.	22.06.20	-
30	Python Numpy for Beginners	Department of Computer Science and Engineering, Vikas College of Engineering and Technology.	15.07.20	16.07.20
31	Internet of Things (IoT) with ESP32/ Arduino	Sant Gadge Baba Amravati University, Amravati, Dept. of Lifelong Learning and Extension In collaboration with Jawaharlal Darda Institute of Engineering & Technology, Yavatmal (M.S.)	22.07.20	-
32	Dart Programming Language	Organized by Department of Information Technology, SIR C R REDDY COLLEGE OF ENGINEERING in association with Brainovision Solutions India Pvt. Ltd.	27.07.20	-
33	National Workshop on Documentation for Revised NAAC Assessment and Accreditation Process	Organized by IQAC, Late Pushpadevi Patil Arts and Science College, Risod in Collaboration with IQAC, Sant Gadge Baba Amaravathi University, Amravathi.	28.07.20	-
34	Workshop on Python	Organized by Department of Computer Science and Applications, SRM Institute of Science and Technology, Ramapuram, Chennai	01.08.20	-
35	Problem Solving Techniques using C AND Data Structures	SIR C R Reddy College of Engineering, Eluru	11 <sup>th</sup> November 2019	16 <sup>th</sup> November 2019
36	Entrepreneurship & Intellectual Property Rights	Ramachandra College of Engineering, Eluru	1 <sup>st</sup> November 2019	8 <sup>th</sup> November 2019
37	Teaching and Learning in Engineering-2 (TALE-2)	NPTEL-AICTE sponsored FDP	July 2019	Sep 2019

38	Cloud Computing	NPTEL-AICTE sponsored FDP	Feb 2019	Apr 2019
39	Teaching and Learning in Engineering (TALE-1)	NPTEL-AICTE sponsored FDP	Feb 2019	Mar 2019
40	Cloud Computing	APSSDC at Sir C R Reddy College of Engineering	19 <sup>th</sup> December 2018	21 <sup>st</sup> December 2018
41	Conference on Industry 4.0	APSSDC as State Partner, Texas A&M University as International Partner and Indian Institute of Technology, Tirupati	17 <sup>th</sup> December 2018	18 <sup>th</sup> December 2018
42	Cyber Security	TechnoGen Inc. held at Sir C R Reddy College of Engineering	22 <sup>nd</sup> September 2018	-
43	Machine Learning	NPTEL-AICTE sponsored FDP	Aug 2018	Oct 2018
44	IONCUDOS Outcome Based Education Platform	SRM University – AP Amaravati	15 <sup>th</sup> July 2018	17 <sup>th</sup> July 2018
45	IUCEE (Indo Universal Collaboration for Engineering Education) International Educator Pre-Certification	VIT-AP University, Amaravati	12 <sup>th</sup> July 2018	14 <sup>th</sup> July 2018
46	Artificial Intelligence	VIT-AP, Amaravati	4 <sup>th</sup> March 2018	5 <sup>th</sup> March 2018
47	Deep Learning	Accenture Learning Symposium	25 <sup>th</sup> February 2018	26 <sup>th</sup> February 2018
48	Python Programming Language	Online Course	January 2018	April 2018
49	IUCEE-EPICS Design Thinking Course and Project	Purdue University, USA	January 2018	July 2018
50	Networking Simulation using Qualnet Software	DELLSOFT Technologies	21 <sup>st</sup> September 2017	-
51	National Instructional Workshop on Cryptology (NIWC-2017)	Jointly organized by Cryptology Research Society of India, Kolkata and Department of Computer Science & Systems Engineering, College of Engineering(A), Andhra University, Visakhapatnam, A.P	10 <sup>th</sup> March 2017	12 <sup>th</sup> March 2017
52	TECHFEST 2013	St. Joseph College of Engineering and Technology, Tanzania	29 <sup>th</sup> August 2013	30 <sup>th</sup> August 2013
53	Android	Jointly organized by the school of Computer Science, Hindustan University and TeleLife Technologies at Hindustan University	27 <sup>th</sup> August 2011	-
54	Soft Skill and Placement Training Programme	Sakthi Engineering College, Chennai	6 <sup>th</sup> March 2009	-

**21. Sponsored Projects:**

S. No.	Title	Sponsored by	Amount	Period	Ongoing/ Completed
-	-	-	-	-	-

**22. Consultancy Projects:**

S. No.	Title	Agency	Amount	Period	Ongoing/ Completed
-	-	-	-	-	-

**23. No of Patents (Filed/Granted):**

S. No.	Title	Application Number	Year	Filed/Granted
-	-	-	-	-

**24. Awards/Honours Received:**

S. No.	Award Name	Awarded by	Contribution	Date Received
1	Qualified in Common Entrance Exam APRCET-2019	Andhra University	Entrance Exam	2019
2	Second Place Winning Team in IUCEE-EPICS Design Thinking	IUCEE-EPICS - AP ICTIEE	Project Member	16 <sup>th</sup> July 2018
3	Qualified in Common Entrance Exam	Osmania University	Entrance Exam	2016
4	Sun Certified Programmer for the Java2 Platform	Sun Educational Services	Exam	30 <sup>th</sup> January 2010
5	Excellence awarded	SAMS College of Engineering and Technology	Academics	March 2009

**25. Professional Memberships:**

S. No.	Name of the Professional Body	Membership No.	Membership Type
1	AMIE	AM1638672	Associate Member
2	IAENG	172294	Associate Member
3	UACEE	-	Associate Member

**26. Membership in BOS/ Editorial Boards:**

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
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**27. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):**

<https://yallamandachalla.blogspot.com/>

**28. Details of Innovative Design/ Development of Product or Model (if any):**

**29. Technology Transfer:**

**30. Special Achievements (If any):**

**31. Personal Details:**

- (a) Father's Name : Challa Koteswara Rao  
(b) Mother's Name : Challa Jayamma  
(c) Gender : Male  
(d) Marital Status : Married  
(e) Religion : Hindu  
(f) Nationality : Indian

Signature

[Challa Yallamanda]