

## FACULTY PROFILE

1. **Name** : Dr Marlapalli Krishna
2. **Designation** : Professor
3. **Department** : CSE
4. **Date of Joining** : 06-06-2021
5. **Nature of Employment**: Regular
6. **Date of Birth** : 04-08-1978
7. **Unique ID (AICTE FID)** :
8. **Email** : marlapallikrishna@gmail.com
9. **Phone** : 9394501367
10. **Address for communication**: 2-117, Srinivasa Nagar, Satrampadu, ELuru-534007



### 11. Educational Qualifications:

Qualification	Institute	University/Board	Specialization	Year of Passing	Division/Class
Ph.D.	Andhra University	Andhra University	Computer Science & Systems Engineering	2016	
PG	Andhra University	Andhra University	CST	2002	First
UG	Andhra University	Andhra University	Chemical	1999	Second
Inter/Diploma	HSL Jr College, Visakhapatnam.	Board of Intermediate.	MPC	1995	First
SSC	HSL Jr College, Visakhapatnam.	Secondary Board	SSC	1993	First

### 12. Work Experience:

**Teaching: 17 years      Research:      Industry:      Total: 17 years**

Name of the Organization	Designation	Date From	Date To
Avanthi Institute of Engineering & Technology, Visakhapatnam.	Assistant Professor	23-06-2003	15-05-2005
Sir C R Reddy College of Engineering, Eluru	Assistant Professor	06-06-2005	31-05-2007
Sir C R Reddy College of Engineering, Eluru	Sr. Assistant Professor	01-06-2007	30-11-2016
Sir C R Reddy College of Engineering, Eluru	Associate Professor	01-12-2016	31-12-2017
Sir C R Reddy College of Engineering, Eluru	Professor	01-01-2018	Till date

**13. Courses taught:**

S.No.	Name of the subject	UG/PG
1	C-Programming, DMS-I, DMS-II, MFCS, Data Structures, Advanced Data Structures, Design Logic & Design, Computer Organization, Computer Networks, File Structures, Operating Systems, Web Technologies, DAA, FLAT, Compiler Design, DBMS, Computer Graphics, DMDW, , Cloud Computing, Artificial Intelligence, Mobile Computing, Big Data Analytics, Cyber Security, Advanced Algorithms. IoT.	UG
2	Network Security, Advanced Algorithms, MFCS, Mobile Computing	PG

**14. Administrative Responsibilities:**

S.No.	Description	College/ Department level
1	In charge JNTU Kakinada Online Examinations	College
2	Co Convener for Anti Ragging for three years	College
3	Chief superintendent for Nannayya University Examination for Two Years	College
4	NBA Programming coordinator	Department
5	NAAC Coordinator	Department
6	Member PAC and DAC	Department
7	Discipline Committee Member	Department
8	B.Tech Course Coordinator	Department
9	Staff Coordinator for Department student body	Department
10	Co convener for different workshops held in the department.	Department

**15. Research Guidance:**

M.Tech.		Ph.D.	
Completed	Ongoing	Completed	Ongoing
18	2	0	0

**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 Nos	UGC/ Web of Science / Scopus / SCI/Others
1	S Roopesh Kumar M Krishna	Mining Maximal Subspace	International Journal of Research in	International	September 2021	Vol.9, Issue.3, pp: 101-	UGC

	N Sai Sheetal Naidu	Clusters for High Dimensional Data	Electronics and Computer Engineering (IJRECE)			106,	
2	Yuva Krishna Aluri Naveen V S S Kanuri Dr.Marlapalli Krishna Rambabu Busi S.MohanBabuChowdary Bandlamudi S B P Rani	Framework for Tree Crown Delineation from Panchromatic Images	EAI Endorsed Transactions on Energy Web	International	April 2021	Online First	<b>Scopus</b>
3	Pasumarthi Bindu Priya, Dr Marlapalli Krishna	Facial Expression Recognition System	International Journal of Innovative Engineering and Management Research,	International	JAN 2020	Vol-9, Issue-12, 533-536	<b>SSRN</b>
4	M Krishna, Bandlamudi S B P Rani, G Kalyan Chakravarthi, B Madhavrao, S M B Chowdary	Predicting Student Performance using Classification and Regression Trees Algorithm	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	International	2020	Vol-9, Issue-3, 3349-3356	<b>Scopus</b>
5	Sanjeevi P, Marlapalli Krishna	Extraction of Texture Features from Panchromatic Images	International Journal of Recent Technology and Engineering (IJRTE)	International	2019	Vol-8, Issue-3, 7598-7603	<b>Scopus</b>
6	Marlapalli Krishna, V Naga Bushanam, Bandlamudi S B P Rani, K Rakesh, V Pranav	Anisotropic Image Restoration Based on Image Inpainting with Diffusion Enhancement	International Journal of Recent Technology and Engineering (IJRTE)	International	2019	Vol-8, Issue-2, 6503-6507	<b>Scopus</b>
7	M Krishna S Mohanbabu Chowdary Bandlamudi S B P Rani	“Rainfall Prediction Using Bpnn”	International Journal of Innovative Technology and Exploring Engineering	International	2019	Vol-8, Issue-654, 661-668	<b>Scopus</b>

	Sanjeevi P						
8	Korlapati Naga Siva Jyothi Marlapalli Krishna	“Collaborative Filtering Using Deep Learning Based Recommender Model”	International Journal of Research in Electronics and Computer Engineering	International	2019	Vol.7, Issue.1, 2377- 2380	<b>UGC</b>
9	Dr.Marlapalli Krishna Bandlamudi S B P Rani V Devi Satya Sri G Satyanarayana	Edge Based Reliable Digital Watermarking Scheme for Authorized Ownership	International Journal of Pure and Applied Mathematics	International	2018	Vol-119, Issue-7, 1291- 1299	<b>Scopus</b>
10	Dr.Marlapalli Krishna Bandlamudi S B P Rani V Devi Satya Sri Dr. Rama Rao Karri	“Filter Based JPEG Compression for Noisy Images”	Journal of Advanced Research in Dynamical and Control Systems	International	2017	Vol-9, Issue-18, 1233- 1248	<b>Scopus</b>
11	Sri Krishna Chaitanya Rudraraju Nakka.Desai M. Krishna Bandlamudi S.B.P Rani	“Data Mining In Cloud Computing : A Review”	Journal of Advanced Research in Dynamical and Control Systems	International	2017	Vol-9, Issue-18, 1198- 1207	<b>Scopus</b>
12	Dr. Marlapalli Krishna Gunupusala Satyanarayana V. Devi Satya Sri	“Digital Image Processing Techniques in Character Recognition - A Survey”	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	International	2017	Vol-2, Issue-6, 95-101	<b>UGC</b>
13	M.Krishna V.Devi Satya Sri B S B P Rani	“EDGE Based Image Steganography for Data Hiding”	International Journal of Research	International	2017	Vol.03, Issue.13, 1689- 1694	<b>UGC</b>
14	<i>M.Krishna N Deepak B. Yamini</i>	“Alignment Establish Representative Data Uploading and Private	International Journal of Research in Electronics and Computer	International	2017	Vol.5, Issue.4, 132-135	<b>UGC</b>

		Data Principle Test in Cloud”	Engineering				
15	S.MohanBabuC howdary  MallapuBhavani M.Krishna	“Data Sharing Scheme Revisited in Cloud Computing ”,	International Journal of Research in Electronics and Computer Engineering	Internationa l	2017	Vol.5, Issue.4,  147-152	<b>UGC</b>
16	Y Leela Sandhya Rani M.Krishna Shaik Nusrath Jahan	“Closeness: An Advanced and Effective Measure for Data Publishing”	International Journal of Research in Electronics and Computer Engineering	Internationa l	2017	Vol.5, Issue.4,  184-189	<b>UGC</b>
17	Dr M Krishna	“The VLIW Architecture for Real-Time Depth Detection in Image Processing ”,	International Journal of Computer Science & Mechatronics	Internationa l	2016	Vol.2.Iss ue.VI  1-9	<b>Others</b>
18	Dr. M Krishna	An Efficient Multi Dimensional view for vehicles by Patch memory management in image processing	International Journal of Computer Science & Mechatronics	Internationa l	2016	Vol.2.Iss ue.V  1-10	<b>Others</b>
19	A. BHANU MADHAVARA O MANGANTI MARLAPALLI KRISHNA DEEPAK NEDUNURI	“Proposition Arrangement with Friends on Online Social Networks”	International Journal of Innovative Technologies	Internationa l	Dec- 2016	Vol.04, Issue.19,  3622- 3624	<b>UGC</b>
20	KONAKALLA RAMA MOHANA RAO MARLAPALLI KRISHNA S MOHAN BABU	“Data Possession in Disorganized Networks with	International Journal of Advanced Technology and Innovative Research	Internationa l	Dec- 2016	Vol.08, Issue.22,  4241- 4245	<b>UGC</b>

	CHOWDARY SRI KRISHNA CHAITANYA RUDRARAJU	Protected Communic ation”					
21	ALLAMSETTY SAI PRASANNA DEEPAK NEDUNURI MARLAPALLI KRISHNA K.VARADA RAJUKUMAR	“Cluter Specious Transforma tion Technique for Secrecy Image Encryption and Compressi on”	International Journal of Advanced Technology and Innovative Research	Intern ationa l	Dec- 2016	Vol.08, Issue.22, 4228- 4231	<b>UGC</b>
22	DHANYA. MATCHA SAMPARTHI V S KUMAR MARLAPALLI KRISHNA K.VARADA RAJUKUMAR	“Sprinkle Passive IP in Snitch Location from Rearward Path”	International Journal of Innovative Technologies	Intern ationa l	Nov- 2016	Vol.04, Issue.18, 3432- 3434	<b>UGC</b>
23	ABDULWASI M MARLAPALLI KRISHNA DEEPAK NEDUNURI S MOHAN BABU CHOWDARY	“Secure Evaluate Detection for Fake Identities by using Face, IRIS and Biometric”	International Journal of Innovative Technologies	Intern ationa l	Nov- 2016	Vol.03, Issue.14, 3410- 3412	
24	Marlapalli Krishna Prasad Reddy PVG G. Srinivas Ch. Ramesh	A smoothenin g based JPEG compressio n for an objective image quality of regular and noisy images	International Journal Of Applied Engineering and Research	Intern ationa l	2016	Vol:11, No:6, 3799- 3804	<b>Scopus</b>
25	Marlapalli Krishna, G Srinivas, Prasad Reddy PVG	Image Smootheni ng and Morpholog ical Operator Based JPEG Compressi on	Journal of Theoretical and Applied Information Technology	Intern ationa l	2016	Vol: 85, No: 3, 252-259	<b>Scopus</b>
26	Kavitha	Unadulterat ed Image	International Journal for	Intern ationa l	2016	Vol:3, No: 7,	<b>UGC</b>

	Paravathaneni, M. Krishna	Noises and Discrepancy Estimation	Technologica l Research in Engineering	l		1501- 1503	
27	Bandlamudi.S.B. P. Rani Dr. A.Yesubabu M Krishna	Data Encryption Using Square Grid Transpositi on	International Journal & Magazine of Engineering Technology, Management and Research	Intern ationa l	2015	Vol.02, Issue.11  71-75	<b>Others</b>
28	K Koteswara Chari, M Krishna	An Efficient Scalable Data Sharing in Cloud Storage Using Key Aggregate Encryption	International Journal of Science Engineering and Advance Technology	Intern ationa l	2015	Vol.03, Issue.11  945-946	<b>UGC</b>
29	D Paul Joseph, M Krishna, K Arun	Cognitive Analytics and Compariso n of Symmetric and Asymmetri c Cryptograp hy Algorithms	International Journal of Research Studies in Computer Science and Engineering	Intern ationa l	2015	Vol.02, Issue.11  63-68	<b>UGC</b>

### 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 Nos
1	Marlapalli Krishna Bandlamudi SBP Rani Busi Rambabu V. Pranav B Madhav Rao	A Review on Image Compression Techniques	6 <sup>th</sup> International Conference on Information System Design and Intelligent Applications (INDIA 2019)	<b>Internat ional</b>	November 2019	271- 279
2	N Deepak S M B Chowdary S Jaya Prakash M Krishna	A Comparative Study of Protein Kinase Domain Regions for MAPK 1-14	6 <sup>th</sup> International Conference on Information System Design and Intelligent Applications (INDIA 2019)	<b>Internat ional</b>	November 2019	369- 376
3	K Chaitanya Deepthi	A multi Ability CP- ABE access control	International conference on	<b>Internat ional</b>	December 2018	1-5

	D Ashok M Krishna	scheme for public cloud storage	computer vision and machine learning.			
4	V Pranav P Satish Kumar M Krishna	Performance study of cloud computing for scientific applications	International conference on computer vision and machine learning.	<b>International</b>	December 2018	1-6
5	K Purna Prakash M Krishna M Satya Vijaya	Data productive collaborative filtering using deep learning based recommender model	International conference on computer vision and machine learning.	<b>International</b>	December 2018	1-8
6	M Krishna K Chaitanya Deepthi Soni Lanka Bandlamudi S B P Rani RamaRao Karri	Independent and Distributed Access to Encrypted Cloud Databases	Computational Intelligence in Information Systems Proceedings of the Computational Intelligence in Information Systems Conference (CIIS 2018)	<b>International</b>	2018	107-116

#### 18. No of Books Published:

S.No.	Author(s) Name	Title	Publisher	ISBN	Year of Publishing
1	<ul style="list-style-type: none"> <li>• K Varada Rajkumar</li> <li>• Dr. M. Krishna</li> <li>• S Jaya Prakash</li> </ul>	Basic Python Programming for Beginners	Blue Rose Publishers	978-93-5472-060-4	2021

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	Android Studio	Sir C R Reddy College of Engineering, Eluru.	15/07/2019	17/07/2019
2	Advance Python Programming	Sir C R Reddy College of Engineering	05/09/2019	07/09/2019
3	FDP On Python Program	Sir C R Reddy College of Engineering	12/11/2019	18/11/2019
4	HTML and CSS	Sir C R Reddy College of	13/07/2018	15/07/2018



		Engineering		
5	IoT	Sir C R Reddy College of Engineering	06/09/2018	08/09/2018

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1	“Augmented Reality and Virtual Reality (Phase-I)”	Department of Computer and Engineering, MVGR College of Engineering (A), Vizianagaram.	26 <sup>th</sup> July 2021	31 <sup>st</sup> July 2021
2	“Role of Machine Intelligence for Information Retrieval”	Department of Computer Science & Engineering of GMR Institute of Technology, Rajam	06-07-2021	11-07-2021
3	"Machine Learning Concepts with Python"	Government Polytechnic Gandhinagar, Gujarat.	05-07-2021	09-07-2021
4	“Multi Technology”	Department of CSE, Stanley College of Engineering and Technology for Women, Hyderabad.	28-06-2021	02-07-2021
5	“INTELLIGENT SYSTEMS FOR SUSTAINABLE DEVELOPMENT”	Department of Computer Science & Engineering and Information Technology, St.Peter’s Engineering College, Hyderabad.	08-06-2021	12-06-2021
6	“Applied Data Science: Tools and Techniques”	Department of Computer Science and Engineering, Lakireddy Bali Reddy College of Engineering(Autonomous), Mylavaram,	29-05-2021	02-06-2021
7	“AI Powered Solutions for Healthcare Innovations- Research Perspective”	department of Electronics & Communications and research Forum, KCG College of Technology, Chennai.	27-01-2021	01-02-2021
8	"Block Chain"	Excel Engineering College. Salem.	18-01-2021	22-01-2021
9	“Data Science using Python”	Government Polytechnic Gandhinagar.	23-11-2020	27-11-2020
10	“Privacy and Security in IOT(Phase-II)”	Department of Computer and Engineering, Anil Neerukonda Instiute of Engineering & Sciences, Visakhapatnam.	5-10-2020	10-10-2020

11	"Internet of Things (IoT)"	K.S.R. Institute for Engineering and Technology.	07-09-2020	11-9-2020
12	Artificial Intelligence	Department of Information Technology , SIR C.R Reddy College of Engineering	22-May-2020	26-May-2020
13	" R Programming"	jointly organized by Spoken Tutorial Project , IIT Mumbai & P. G. Department of Computer Application, P. R. Pote College of Engineering & Management, Amravati.	27 <sup>th</sup> April 2020	1st May 2020
14	Machine Learning in Engineering Applications and Trends Using Python and TensorFlow	Department of Computer Science & Engineering, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada.,	18-11-2019	30-11-2019.
15	"Applied Cryptography"	Electronics & ICT Academy, National Institute of Technology Warangal at Lendi Institute of Engineering & Technology, Vizianagaram	25-03-2019	30-03-2019
16	"Machine Learning Evolve Predictive Data Analytics"	Department of Information Technology, S R K R Engineering College, Bhimavaram	23-07-2018	28-07-2018
17	"Instructional Design And Delivery System"	Sir C R Reddy College Of Engineering, Eluru	04-12-2017	09-12-2017
18	"Machine Intelligence & Soft Computing"	Department of Computer Science & Systems Engineering, Andhra University	12-07-2017	16-07-2017

### 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
1	SMOOTHING FILTERS BASED JPEG COMPRESSION FOR NOISY IMAGES	201941044505	2019	Filed
2	MEDICAL PROBLEMS DETECTION: MEDICAL PROBLEMS DETECTION USING MACHINE LEARNING TECHNIQUES AND DEEP LEARNING	201941050558	2019	Filed

#### 24. Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received
1	“Best Academician Award”	International journal for innovation engineering and management research, Hyderabad.		2020
2	“Best Researcher Award”	DK International Research Foundation		2019

#### 25. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1	Indian Society for Technical Education (ISTE),	Id: 127999.	Life Member
2	Computer Society of India (CSI),	Id: 11505246.	Life Member
3	Institute of Engineers India (IEI),	Id: M-164219-1.	Life Member
4	Indian Science Congress Association (ISCA),	Id: L39599.	Life Member
5	The society of Innovative Educationalist & Scientific Research Professional (SIESRP).	Id: LM171899328	Life Fellow Member
6	International Economics Development and Research Centre (IEDRC),	Id: 30080549.	Sr. Member

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

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
1	International Journal of Latest Transactions in Engineering and Science	Advisory Board Member	Till date
2	Scientific Research Journals published by Innovative Scientific Research Professional Malaysia.	Hon. Editorial Board Member -Consulting Editor	Till date

3	DKIRF Journals	Editorial Board Member	Till date
4	“International Journal of Computer Science & Mechatronics”	Editorial Board Member	Till date
5	Journal of Computer Science	Reviewer	Till date

**27. Details of Personal Blogs/ Educational Youtube Channels/ e content (if any):**

- <https://teachingmaterialbymk.blogspot.com/>

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

**29. Technology Transfer:**

- **Delivered good number of guest lecturers in various colleges.**

Sno	Topic	Dates	Target Audience	Host College
1	Data Structures and Algorithms	28-01-2009	1 <sup>st</sup> Year MCA	Noble Institute of Science and Technology, Visakhapatnam.
2	Discrete Structures and Graph Theory	16-03-2009	1 <sup>st</sup> Year MCA	Noble Institute of Science and Technology, Visakhapatnam.
3	C- Programming and Data Structures	29-08-2016	1 <sup>st</sup> Year MCA	S D College of Information Tanuku.
4	Formal Languages and Automaton Theory	28-01-2017 & 29-01-2017	2 <sup>nd</sup> Year B.Tech	Eluru College of Engineering and Technology, Eluru.
5	Data Structures	04-09-2017	1 <sup>st</sup> Year MCA	S.V.K.P & Dr K.S. Raju Arts and Science College, Penugonda.
6	Database Management Systems	11-02-2018	1 <sup>st</sup> Year MCA	S.V.K.P & Dr K.S. Raju Arts and Science College, Penugonda.
7	Current Trends in IT Industry	22-09-2018	3 <sup>rd</sup> Year MCA	S D College of Information Tanuku.
8	Current Trends in IT Industry	07-01-2019	3 <sup>rd</sup> Year MCA	Sri Y N College, Narsapur.
9	Discrete Mathematical Structures for Computer Science.	21-01-2019 & 22-01-2019	1 <sup>st</sup> Year MCA	Sri Y N College, Narsapur.
10	Programming with C	14-12-2019	1 <sup>st</sup> Year B.Tech	Eluru College of Engineering and Technology, Eluru.

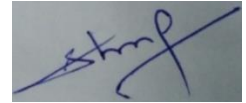
**30. Special Achievements (If any):**

- Qualified in Andhra Pradesh State Eligibility Test (**APSET-2018**) in the Subject Computer Science & Applications.

- Qualified in UGC National Eligibility Test (**UGCNET-2017**) in the Subject Computer Science & Applications.
- Qualified in Andhra Pradesh State Eligibility Test (**APSET-2016**) in the Subject Computer Science & Applications.
- Ratified as Professor by JNTU KAKINADA in January 2018.
- Ratified as Professor by Andhra University in March 2017.

**31. Personal Details:**

- (a) Father's Name : APPANNA  
(b) Mother's Name : SATYAVATHI  
(c) Gender : MALE  
(d) Marital Status : MARRIED  
(e) Religion : HINDU  
(f) Nationality : INDIAN



Signature