FACULTY PROFILE

1. **Name**   : Dr. B. Madhav Rao
2. **Designation**   : Associate Professor
3. **Department**   : CSE
4. **Date of Joining**   : 14-06-2017
5. **Nature of Employment:** Regular
6. **Date of Birth**   : 01-07-1978
7. **Unique ID (AICTE FID) :** 1-3540768916
8. **Email**   : madhavraob@gmail.com
9. **Phone**   : 9949582856
10. **Address for communication:** S/o Satyanarayana,
    D.No: 6-149A,
    Near Venu Gopala Swamy Temple,
    Nallajerla(post)(Mandal),
    West Godavari District,
    Andhra Pradesh,
    India. Pin Code:534112

11. **Educational Qualifications:**

Qualification	Institute	University/ Board	Specialization	Year of Passing	Division/ Class
Ph.D.	Rayalaseema University	Rayalaseema University	Bio Informatics and Deep learning	2020	
M.Tech	Andhra University	Andhra University	CST	2010	7.83 CGPA
M.Sc	AKRG Degree & PG College	Andhra University	Computer Science	2001	65%
B.Sc	AKRG Degree College	Andhra University	MPCs	1998	56%
Inter/Diploma	Dr. SRK & AKR Co-Operative Junior College	Board of Intermediate	MPC	1995	59.8%
SSC	Z. P. P. H. School, Nallajerla	SSC Board		1993	65%

12. **Work Experience:**

Teaching: 19   **Research:**   **Industry:**   **Total: 19**

Name of the Organization	Designation	Date From	Date To
Noble Institute of Science & Technology	Associate Professor	17-07-2004	31-05-20013
AKRG College of Engineering	Associate Professor	03-06-2013	01-06-2015
Noble Institute of Science & Technology	Associate Professor	08-06-2015	13-06-2017
Sir C R Reddy College of Engineering	Assistant Professor	14-06-2017	31-03-2022
Sir C R Reddy College of Engineering	Associate Professor	01-04-2022	Till Date

13. Courses taught:

S.No.	Name of the subject	UG/PG
1.	C Language	UG & PG
2.	Object Oriented Programming through C++	PG
3.	Cryptography and Network Security	PG
4.	System Programming	PG
5.	Computer Networks	UG & PG
6.	Data Warehousing and Data mining	UG & PG
7.	Object Oriented Software Engineering	UG & PG
8.	Object Oriented Analysis and Design	UG
9.	Big Data Analytics	UG
10.	Operating Systems	UG & PG

14. Administrative Responsibilities:

S.No.	Description	College/ Department level
1.	NBA Criterion-1 Coordinator	Department Level
2.	Python Training Coordinator (2020-2021)	College Level
3.	Class Teacher	Department Level
4.	Attendance Incharge	Department Level
5.	IQAC Member	Department Level

15. Research Guidance:

M.Tech/M.C.A		Ph.D.	
Completed	Ongoing	Completed	Ongoing
10	1		

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 Sciences/ Scopus/ SCI/Others
1.	Trinath K, Dr. B. Madhava Rao	Machine Learning Algorithms for Predicting Heart Disease	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	International	January-February -2022	Volume 8, Issue 1 Page Number : 301-306	UGC

2.	D. Kothandaraman, N. Praveena, K. Varadaraj kumar, B. Madhav Rao	Intelligent Forecasting of Air Quality and Pollution Prediction Using Machine Learning.	Adsorption Science and Technology	International	27th June 2022	Volume-22	SCIE
3.	B. Madhav Rao, V Pranav, Ch. Srinivas, Ramesh Neelapu, Ch.Mydilli	A Novel Data Discovery of Machine Learning Algorithms to recognize spamming in IoT systems.	Drugs and Cell Therapies in Hematology	International	2021	Volume 10, Issue 2, PP: 855-862	WOS
4.	B Madhav Rao, M. Sampath Kumar	Preprocessing of Colorectal Cancer Protein Expressions Using Correlation Co-Efficient Factor and Disease Score.	International Journal of Research in Electronics and Computer Engineering	International	January -March, 2021	Vol.9 Issue 1, PP 40-45	UGC
5.	B Madhav Rao, M. Sampath Kumar	A Survey on Different Methods used for Analysis of Protein-Protein Interaction Network.	International Journal of Innovative Engineering and Management Research	International	December, 2020	Volume 9, Issue 12, pp.446-452	UGC
6.	M Krishna, B 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	International	January, 2020	Vol-9, Issue-3	Scopus
7.	B Madhav Rao , V Srinivasa Rao	Classification of Breast Cancer Proteins Using DRNN Method.	International Journal of Computer Sciences and Engineering	International	February, 2019	Volume-7, Issue-2, PP:106-109	UGC

S.No.	Author(s) Name	Title of the Paper	Name of the Conference/Journal	National/International	Month & Year	Page Nos
	, K Srinivasa Rao					
8.	B. Madhav Rao, V. Pranav, V. JayaManasa, Ch. Mydhilli, Ramesh Neelapu	An Identifying the Modelling and Forecasting of air quality index using Machine Learning algorithm.	Journal of Contemporary Issues in Business and Government	International	2019	Vol. 25, No. 01, PP: 267-277
9.	B Madhav Rao, V Srinivasa Rao	A Survey on Protein-Protein Interaction Network Methods and Challenges.	International Journal of Research	International	January, 2019	Volume-8, Issue-1, PP: 974-980
10.	B Madhav Rao, V. Srinivasa Rao	Preprocessing of Breast Cancer Protein Expressions Using Correlation Co-Efficient Factors.	Journal of Applied Science and Computations	International	January, 2019	Volume VI, Issue I, ,pp.2198-2207
11.	B Madhav Rao, V Srinivasa Rao , K Srinivasa Rao	Analysis of Pruned Protein Protein Interaction Network Using Diffusion Method.	International Journal of Research in Electronics and Computer Engineering	International	January, 2019	Vol.7 Issue 1, PP 2338-2342
12.	M. Krishna, B. Madhava Rao, G.S. Murthy, G. S Pradeep	A Cluster analysis in Data mining.	IJCTEE	International	October, 2012	Volume-2, Issue-5, PP:11-18

The WOS and UGC indexing column values (WOS for row 8; UGC for rows 9, 10, 11, 12) appear in the rightmost column.

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.	B.Madhav Rao, M.Kavitha	E-Democracy and Citizen Empowerment	National conference on Citizen	National	January 2010	

		through E-Governance and other e- Initiatives in India	Empowerment through e-Learning			
2.	M. Sampath Kumar, B. Madhav Rao	Various quality improving techniques and framework for online education	National conference on Role of IQAC in reaccreditation	National	January 2011	
3.	M. Sampath Kumar, B. Madhav Rao, A. Venkateswara Rao	A conceptual Framework of Ontolgy-based Spatial Data Mining	National conference on Artificial Intelligence,Robotics and Embedded Systems (ARIES-2012)	National	June 2012	
4.	B.Madhav Rao,N.Venkateswara Rao , B.N.V.Sirisha, K. Renuka Devi, A.Chandini	Nanotechnology and biomedical application using multifunctional biochips	National conference on Research Issues and Recent Trends in Computer Science & Information Technology	National	December 2013	
5.	B.Madhav Rao, T. Agnivesh, U. L. N. S. Prasad, Ch. N. N. Jyothi	Evaluation of measures defined for quality attributes	National conference on Research Issues and Recent Trends in Computer Science & Information Technology	National	December 2013	
6.	B.Madhav Rao	A Survey on Methods of pylogenetic Analysis for constructing Pylogenetic Tree	International Conference on Computer Vision and Machine Learning(ICCVML)	International	December, 2018	
7.	G Leela Rani, B Madhava Rao	Restrict disseminate denial of service flooding problems with change Routing Identifiers	International Conference on Computer Vision and Machine Learning(ICCVML)	International	December, 2018	
8.	Krishna Marlapalli, Rani S. B. P. B, Rambabu B, V Pranav, and B. Madhav rao	A Review on Image Compression Techniques	6th International Conference on Information System Design and Intelligent Applications (INDIA 2019)	International	November, 2019	

18. No of Books Published:

No.	Author(s) Name	Title	Publisher	ISBN	of Publishing
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19. Workshops/ FDPs/STTPs /etc., (Organised):

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
	--			

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

S.No.	Name of the Workshop/ FDP/STTP/ etc.,	Place	Period	
			From	To
1.	RecentTrends In Artificial Intelligence, Iot, And Data Analytics.	Sri Vishnu Engineering College for Women(A), Bhimavaram	19-02-2022	13-02-2022
2.	Computer Genomics Tools for Next-Generation Sequencing and Biomedical Data Analysis	Bharathiar University	22-11-2021	26-11-2021
3.	Artificial Intelligence	Online FDP (ATAL Academy)	05-07-2021	09-07-2021
4.	Inculcating Human Values in Technical Education	Online FDP (ATAL Academy)	28-06-2021	02-07-2021
5.	Cyber Security	Online FDP (ATAL Academy)	1-2-2021	5-2-2021
6.	Machine Learning and Pattern Recognition	Online FDP (ATAL Academy)	18-1-2021	22-1-2021
7.	Data Science using Python	Online FDP (ATAL Academy)	23-11-2020	27-11-2020
8.	Effective Teaching Lerning Strategies In Technical Education	Online FDP (NITTR, Chennai)	22-06-2020	26-06-2020
9.	Internet of Things (IoT)	Online FDP (NITTR, Chandigarh)	20-04-2020	24-04-2020
10.	Python Programming	Online FDP (APSSDC)	22-5-2020	26-05-2020
11.	Java Fundamentals	Sir C R Reddy College of Engineering Organized by ORACLE	21-01-2019	25-01-2019
12.	Applied Cryptography	Lendi Institute of Engineering & Technology	25-03-2019	30-03-2019

13.	Software Engineering, Instruction Design using Outcome-based Design Process	Vijnan University, Guntur	15-07-2019	19-07-2019
14.	Big Data Analytics	National Institute of Technology, Warangal	30-05-2018	25-05-2018

21. Sponsored Projects:

S.No.	Title	Sponsored by	Amount	Period	Ongoing/ Completed
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22. Consultancy Projects:

S.No.	Title	Agency	Amount	Period	Ongoing/ Completed
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23. No of Patents (Filed/Granted):

S.No.	Title	Application Number	Year	Filed/Granted
1.				

24. Awards/Honours Received:

S.No.	Award Name	Awarded by	Contribution	Date Received
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25. Professional Memberships:

S.No.	Name of the Professional Body	Membership No.	Membership Type
1.	IAENG	111853	Life Time

26. Membership in BOS/ Editorial Boards:

S.No.	Name of the University/ Journal	Member/ Editor/ Reviewer	Period
	--		

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

Nil

28. Details of Innovative Design/ Development of Product or Model (if any): Nil
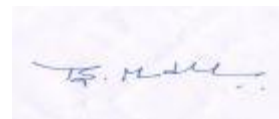
29. Technology Transfer: Nil

30. Special Achievements (If any):

1. **Ratified as Assistant Professor by JNTUK**
2. **Qualified in APSET**

3. Completed Annual Refresher Programme in Teaching (ARPIT) February 2020 on "Big Data Analytics for Smart Grid".

4. Completed August-October 2019 NPTEL online certification course on "Cloud Computing".

5. Completed February-April 2019 NPTEL online certification course on "Big Data Computing".

6. Completed ALISON online certification course on "Introduction to the Internet of Things (IOT)" in April 2018.

7. Completed "AI for Everyone" an online non-credit course authorized by deeplearning.ai and offered through Coursera.

8. Completed "Introduction for Data science using Python" an online non-credit course authorized by deeplearning.ai and offered through Coursera.

9. Completed "Programming for everybody" an online non-credit course authorized by deeplearning.ai and offered through Coursera.

31. Personal Details:

(a) Father's Name : B. Satyanarayana
(b) Mother's Name : B. Amaravathi
(c) Gender   : Male
(d) Marital Status   : Matrried
(e) Religion   : Hindu
(f) Nationality   : Indian

Signature