

BIO-DATA

Name: Chinta Chandra Sekhar

Employee ID: A5INT00TO9

Designation: Assistant Professor

Department: IT

Date of Birth: 26-01-1983

Father Name: Late Jagga Rao

Mother Name: Late Sanyasamma

Reservation Category if Any: BC-A (OBC)

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Date of Joining in the Institution: 15-06-2009

Academic Excellence:



QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech (CSE)	AITAM, Tekkali (JNTUK, Hyderabad)	FIRST class with distinction	Nov, 2011
B. Tech (CS & IT)	SISTAM, Srikakulam (JNTUH, Hyderabad)	FIRST Class	April, 2005

Total Years of Experience: 15 years

Period		Organization/Institution	Designation
June 2009	Till Date	AITAM, Tekkali	Assistant Professor
June 2008	May 2009	EBS, Dubai	IT Production Planner
August 2005	May 2008	BVCEC, Amalapuram	Assistant Professor

Areas of Interest:

1. Computer Organization & Architecture
2. IT Systems Management
3. Mobile Computing
4. Unix Programming
5. Python Programming
6. Computer Networks
7. Software Engineering

Guidance of Academic Projects:

- i) Masters Projects : 01
- ii) Bachelor Projects: 13

Memberships of Professional Societies and Other Organizations:

S.No.	Professional Society Name	Year	Membership No.
1.	Indian Society of Technical Education (ISTE)	2009	LM 65407
2.	International Association of Engineers (IAENG)	2019	250438

Other Responsibilities:

Dept. Coordinator for

1. NBA Main Coordinator
2. 1, 2, 3 Criteria NBA Coordinator
3. Course files Coordinator
4. BOS Member
5. Class Teacher for II-IT

Details of Publications:

No. of International Conferences	No. of National Conferences	No. of International Journals	No. of National Journals	No. of Patents	Total
05	-	07	-	01	13

Details of International Journals:

S.No.	International Journals:
1.	<i>Ch. Chandra Sekhar, Shiv Sankar Ch, G. Nageswara Rao, "Future Reality is Immersive Reality", International Journal of Recent Technology and Engineering (IJRTE), Published By: Blue Eyes Intelligence Engineering & Sciences Publication, ISSN: 2277-3878, Volume-7 Issue-4, pp.302-309, November 2018.</i> (a SCOPUS indexed Journal)
2.	<i>Ch. Chandra Sekhar, J. UdayKumar, B. Kishor Kumar and Ch. Sekhar, "Effective use of Big Data Analytics in Crop planning to increase Agriculture Production in India", International Journal of Advanced Science and Technology (IJAST), Vol.113 (2018), pp.31-40, http://dx.doi.org/10.14257/ijast.2018.113.04, ISSN: 2005-4238, IJAST Copyright © 2018 SERSC Australia, April, 2018.</i> (a UGC Approved & a SCOPUS indexed Journal)
3.	<i>G Divya, Ch. Chandra Sekhar, "Image Mosaicing for wide angle panorama", International Journal of Electrical & Computer Engineering (IJECE), Vol. 5 No. 5, October 2015, pp. 1216-1226, ISSN: 2088-8708, publication of the Institute of Advanced Engineering and Science (IAES).</i> (a UGC Approved & a SCOPUS indexed Journal)
4.	<i>Ch. Chandra Sekhar, Ch. Srinivasa Rao, "Secure Network Connectivity in the Cloud</i>

	Computing Environment", <i>International Journal of Innovative Research Computer and Communication Engineering (IJIRCCE)</i> , ISSN: 2320-9801, pp. 3535-3545, DOI: 10.15680/ijircce, Vol. 2, Issue 3, March 2014.
5.	Ch. Chandra Sekhar , Ch. Srinivasa Rao, "Dynamic Massive Data Storage Security Challenges in Cloud Computing Environments", <i>International Journal of Innovative Research Computer and Communication Engineering(IJIRCCE)</i> , ISSN: 2320-9801, pp. 3609-3616, DOI:10.15680/ijircce, Vol. 2, Issue 3, March 2014.
6.	Chinta Someswara Rao, D. Ravi Babu, R. Shiva Shankar, V. Pradeep Kumar, J. Rajanikanth, and Ch. Chandra Sekhar, "Mining Association Rules Based on Boolean Algorithm - a Study in Large Databases", <i>International Journal of Machine Learning and Computing(IJMLC)</i> , Vol.3, No. 4, pp. 347-351, ISSN: 2010-3700, DOI: 10.7763/IJMLC.2013.V3.335, August, 2013. (a UGC Approved & a SCOPUS indexed Journal from 2017)
7.	Chinta. ChandraSekhar and Ch.Ramesh, "A Novel Compression Technique for JPEG Error Analysis and for Digital Image Applications", <i>International Journal of Latest Trends in Computing (IJLTC)</i> , Copyright © ExcelingTech, Pub, UK (http://excelingtech.co.uk/), E-ISSN: 2048 - 8688, pp. 84-89, Vol- 3 No.4, December 2012.

Details of International Conferences Attended:

S.No.	International Conferences:
1.	Chandra Sekhar C., Panda N., Ramana B.V., Maneesha B., Vandana S. (2021) "Effectiveness of Backpropagation Algorithm in Healthcare Data Classification". <i>International Conference on Green Technology for Smart City and Society. Lecture Notes in Networks and Systems, vol 151. Springer, Singapore. https://doi.org/10.1007/978-981-15-8218-9_25 (a SCOPUS indexed conference)</i>
2.	Ch. Chandra Sekhar, Shiv Sankar Ch, G. Nageswara Rao, "Future Reality is Immersive Reality", in <i>Proc. 1st International Conference on Emerging Trends on Engineering Science, Technology and Management (ICETESTM-18)</i> , held at AITAM, Andhra Pradesh, 29 th - 30 th November, 2018.
3.	Ch. Chandra Sekhar, J. UdayKumar, B. Kishor Kumar and Ch. Sekhar, "Big Data Analytics on Indian Crop Planning to Increase Agriculture Production", in <i>Proc. 1st International conference on SMART Technologies in Data Science and Communication (SMART DSC-2017), Advanced Science and Technology Letters (ASTL), Vol.147, pp.211-216, http://dx.doi.org/10.14257/astl.2017.147.30, ISSN: 2287-1233, ASTL Copyright © 2017 SERSC, held at Vignan's IIT, Visakhapatnam, from Nov 30-Dec 02, 2017.</i>
4.	Ch. Chandra Sekhar and Ch. Sekhar, "Productivity improvement in agriculture sector using big data tools", in <i>Proc. IEEE - 2017 International Conference on Big Data Analytics and Computational Intelligence (ICBDACI 2017)</i> , pp. 169-172, doi: 10.1109/ICBDACI.2017.8070830, held at Chirala Engineering College, Chirala, Prakasam Dist., from 23-25, March 2017. (a SCOPUS indexed conference)
5.	Chinta Someswara Rao, D. Ravi Babu, R Shiva Shankar, V Pradeep Kumar, J Rajanikanth, Ch Chandra Sekhar, "Mining Association Rules Based on Boolean Algorithm - A Study in Large Databases", in <i>Proc. 2011 3rd International Conference on Machine</i>

Details of Patent:

S.No.	Publication of The Patent:
1.	IP-503: Patent Title: “DIP-Intelligent Neural Networks: Digital Image Processing Using Intelligent Neural Networks System”. Patent Application Publication No.202041053101 A, Date: 07/12/2020, The Patent Office Journal No. 52/2020 Dated 25/12/2020, Page No.63231, Early Publication (Chennai). Dr. Ramesh Naidu Balaka (Associate Professor), Dr. Gali Nageswara Rao (Professor), Mr. Chandra Sekhar Chinta (Assistant Professor), Ms. Konkyana Venkata Lalitha Bhavani (Associate Professor), Ms. K. Kavitha (Sr. Assistant Professor) , Mr. V. Lokesh Raju (Associate Professor)

Details of Workshops, Conferences, etc organized): 4

1	Online 2 days’ workshop on “Design Thinking” organized by ISTE Student Chapter & Dept. of IT, AITAM, Tekkali from 29-30 July, 2020.
2	One day workshop on "Scientific Data Analytics using R Language" in association with CSI, Visakhapatnam Chapter held on 24th Feb, 2018 at AITAM, Tekkali.
3	2 days Department Coordinator for college technical fest “ASPIRE - 2K18” conducted at AITAM, Tekkali held on 23 rd & 24 th Feb, 2018.
4	National Conference on “Recent Trends in Data mining and Warehousing” sponsored by Department of Science & Technology (DST), Govt. of India held on 24th & 25th Nov, 2015, organized by Dept. of I.T at AITAM.

Details of Workshops / Refresher Courses Attended: 36

S.No.	International workshops	No. of national workshops	In-house programs
1.	2	14	20

International: 2

- 5 days International Online FDP on “Linux Fundamentals with Cloud and Container Platform” organized by Marian College Kuttikkanam(A) & Red Hat with ipsr solutions ltd from 22-28 July 2020
- 7 days International Online FDP on "Mathematical Modeling in Multidisciplinary Domain" organized by Department of Mathematics, Bannari Amman Institute of Technology, Sathy, Tamilnadu, India from 01 June to 07 June 2020; (9.45 AM to 11:00 AM)

National: 13

- One Week Online FDP on “Creative and Innovative Teaching Strategies for the New Normal” organized by IIC of SSN College of Engineering during May 24-31, 2021.
- 5 days ATAL Academy Online FDP on "Augmented Reality (AR) / Virtual Reality (VR)" from 2020-12-7 to 2020-12-11 at Kumaraguru College of Technology
- 5 days ATAL Academy Online FDP on “Cyber Security” organized by Maduriai kamaraj University, from 21st – 25th September, 2020.
- 5 days ATAL Academy Online FDP on “Block Chain” organized by Birla Birla Institute of Technology Mesra, Ranchi from 7th – 11th September, 2020.

5. 15 days Online Workshop on “Application of Data Science for Industrial Problem through Python” organized by JNTUK in association with Incubation center and FDC and ExcelR Solutions held from 10th – 28th August 2020.
6. One Week Online FDP on “Emerging Technology Trends in 4th Industrial Revolution World” organized by Dept. of CSE, Chennai Institute of Technology from 22nd June, 2020 to 26th June, 2020.
7. 5 days Online FDP on “Research Methodologies, Tools and Techniques” organized by QIS College of Engineering and Technology, Ongole, Andhra Pradesh from 08/06/2020 to 12/06/2020; (04.00 PM to 05.30 PM)
8. Online FDP on “Deep Learning and its applications” conducted by E&ICT Academy, IIT Roorkee from 11 May – 20 May, 2020; 01:30 PM - 04:30 PM.
9. Online FDP on “R” training organized at Shri Krishnaswamy College for Women, Annanagar, Chennai offered by Spoken Tutorial Project IIT Bombay from 01.05.2020 TO 05.05.2020 (5Days *24 Hours)
10. One-week NPTEL-AICTE Faculty Development Programme on "Accreditation and Outcome Based Learning" with a consolidated score of 77% during Aug-Oct 2019.
11. One-week AICTE sponsored short-term course on "Data Analytics using R" organized by the Department of CSE, IIT Kharagpur during 20-26 Nov, 2017.
12. One week Workshop on “Research Challenges and Issues in Big Data and Cloud Computing” Organized by Dept. of CSE, JNTUK-UCEV, Vizianagaram from 27 - 31 January, 2015.
13. Five days Continuing Professional Development Program on “Network Security Administration (Become a Security Guru in Firewall Administration)” at Engineering Staff College of India, The Institution of Engineers (India), Hyderabad, A. P. during 21 - 25 Oct, 2013.
14. Course completed on “C#.NET, VB.NET and ASP.NET” at Peers Technologies Pvt. Ltd, Hyderabad from 1st June to 1st 2005.
15. Two days national level workshop on “Image processing, Pattern Recognition & Neuro computing” from 12th to 13th April, 2008 at BVC Engg.College, Amalapuram.

Internal: 19

S. No.	Dates	Name of the Programme	Host Institution
1	10-16 June, 2021	One Week online FDP on “Machine Learning using Python Programming”	Dept. of IT, AITAM, Tekkali
2	4 July-8 July, 2020 (8:30 AM to 10:30 AM)	Online 5 days FDP on “Machine Learning and it’s Applications”	Dept. of IT, AITAM, Tekkali
3	4 - 8 Nov, 2019	One Week FDP on “Deep Learning Using Python Programming” with Awarded Grade is "B"	E&ICT Academy IIT Guwahati hosted at AITAM, Tekkali
4	13 th – 14 th July, 2019	A Two-Day Workshop on Outcome Based Education.	AITAM, Tekkali
5	12th - 17th November, 2018	One week FDP on "INTERNET OF THINGS & DATA ANALYTICS"	E&ICT Academy NIT Warangal hosted at AITAM, Tekkali
6	20 th -25 th Oct, 2016	One Week Faculty Development Program On “ANALYTICS WITH R” Under TEQIP	Dept. of CSE & IT, AITAM, Tekkali

		Phase-II	
7	18 - 23 Sep, 2016	Six Day National Workshop on "Contemporary Perspectives of Mathematical and Physical Sciences pertaining to engineering and technology" under TEQIP Phase-II	Dept. of BS&H, AITAM, Tekkali
8	4th – 5th Dec, 2015	Two days Hands-on Experience on "Big Data & No SQL Databases" under TEQIP Phase-II	Dept. of CSE, AITAM, Tekkali
9	15th & 16th November, 2014	Two days Seminar on "21st Century, the dawn of Digital Era: Pedagogical Issues of Technical Teachers" under TEQIP Phase-II organized by ISTE Chapter	AITAM, Tekkali
10	19th to 21st September,2014	Three days Training Programme on SPSS: Hands on experience" under TEQIP Phase-II	Dept. of IT, AITAM, Tekkali
11	12th to 02nd August, 2014	Two-week ISTE Workshop on Pedagogy for Effective use of ICT in Engineering Education	IITBombay under National Mission on Education through ICT (MHRD) hosted at AITAM, Tekkali
12	12th to 14th June and 24th to 25th July, 2014	Two weeks ISTE QEEE workshop on "Pedagogy for Effective Use of ICT in Engineering Education"	AITAM, Tekkali
13	25 - 30 April, 2013	Six days Subject Domain Training (Technology Based) on "Android & Its Applications" (AIA-2013) under TEQIP Phase-II	Dept. of CSE, AITAM, Tekkali
14	31st January to 2nd February, 2013	Three days refresher course on "Modern Imaging Research: Research Avenues and Challenges" under TEQIP Phase-II	Dept. of IT at AITAM, Tekkali
15	21st to 22nd February, 2013	Two days' workshop on "Cloud Computing and Its applications" conducted by Infosys Limited	AITAM, Tekkali
16	24th to 28th April, 2012	Five days WIPRO sponsored Mission 10X workshop on "High Impact Teaching Skills	AITAM, Tekkali
17	2nd to 6th March, 2010	One-week AICTE-ISTE sponsored short Term Training Program On "Soft Computing"	AITAM, Tekkali
18	5 - 18 February, 2010	Two-week AICTE sponsored Staff Development Program On "Network Security and Applications"	AITAM, Tekkali
19	16th to 18th August, 2010	Three days national workshop on "Support Vector Machines with Applications" under TEQIP	AITAM, Tekkali

		phase-II	
20	28th to 30th 2010	Three days national workshop on "Recent Trends in Image and Computer Vision"	AITAM, Tekkali

Certificate Courses completed: 4

1	7 weeks Online course on "Programming for Everybody (Getting Started with Python)" with grade achieved: 95.8% authorized by University of Michigan offered through Coursera completed on 7 May, 2020.
2	8 weeks NPTEL Online Certification course on "Accreditation and Outcome Based Learning" with a consolidated score of 77% during Aug-Oct 2019.
3	8 weeks NPTEL Online Certification course on "Introduction to R Software" with a consolidated score of 56% during Jul-Sep 2017.
4	8 weeks NPTEL Online Certification course on "Programming, Data Structures and Algorithms using Python" with a consolidated score of 56% during Jul-Sep 2017.

Achievements:

- **Letter of Appreciation** is awarded for mentoring 16 students for the NPTEL course "Python for Data Science" during the semester Jan-Apr 2020.
- **Certificate of Appreciation** for One week E&ICT Academy IIT Guwahati Faculty Development Programme on "Deep Learning using Python Programming" during 4 - 8 Nov, 2019 at AITAM, Tekkali.
- **Certificate of Appreciation** as Mentor for 8 weeks NPTEL Online Certification course on "Programming, Data Structures and Algorithms using Python" during Jul-Dec, 2018.
- **Certificate of Appreciation as Top Performing Mentor** for 8 weeks NPTEL Online Certification course on "Programming, Data Structures and Algorithms using Python" during Jul-Dec, 2017.
- **Ratified as Assistant Professor** since 2012 by JNT University, Kakinada, India.
- **Microsoft Certified Professional (MCP) Since 2008 (MCP ID #6212724):** Web applications with Microsoft C#.NET and Visual Studio.NET.



(Ch. Chandrasekhar)