B I O-D A T A

Dr. I.HEMALATHA

PROFESSOR

indukurihemalatha@gmail.com

Mobile : 9989556557

1. **Name** : **Dr. Hemalatha Indukuri**

2. **Date of Birth, Age and Place of Birth** : 10-03-1980, 42 Years, Bhimavaram.

3. **Address for Communication** : Dr. I. Hemalatha, Professor,
   Dept of I.T, S.R.K.R. Engineering College,
   China Amiram, Bhimavaram,
   West Godavari District,
   Andhra Pradesh - 534204

4. **Permanent Address** : Dr. I.Hemalatha,
   W/O B.S.G. Prasada Raju
   D.No: 1- 3-8/15, Bhupathiraju Vari Street,
   Ganapathi Raju Nagar,
   Bhimavaram-02.

5. **Mobile No** : 9989556557

6. **Email-ID** : indukurihemalatha@gmail.com

7. **Educational Qualifications** :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/ Class	% of Marks
X Class	Board of Secondary Education	D.N.R. English Medium High school		1995	1st Class	76.6
Diploma	State Board of Technical Education	T.K.R. Women's Polytechnic College	CSE	1998	1st Class	71
UG	JNTU University	JNTU Hyderabad	CSE	2005	2nd Class	55.43
PG	Andhra University	S.R.K.R. Engineering college	IT	2008	1st Class	76.54
Ph. D	JNTUK	JNTUK	CSE	2014		

8. **Project/Thesis:**

   UG : Multi-Utility Editor
   PG : Developing a Web Search Engine Using Crawling and Page Ranking Algorithms.
   Ph.D Thesis Title: Multinomial Lexicon Based Machine Learning Methods For Business Intelligence In Social Networks Using Sentiment Analysis.

9. Teaching /Industry Experience:

S. No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment	Type of service Govt. Aided/ Un Aided/ Private/ recognized
			From	To			
1	Professor	S.R.K.R. Engineering College.	02-05-2022	Till Date	3 Months	Teaching	Private
2	Associate Professor	S.R.K.R. Engineering College.	18-01-2016	02-05-2022	6 years 3 Months	Teaching	Private
3	Assistant Professor	S.R.K.R. Engineering College.	08-07-2008	18-01-2016	7 Years 6 Months	Teaching	Private
4	Programmer	S.R.K.R. Engineering College.	01-03-2007	13-10-2008	1 Year 7 Months	Teaching	Private
5	Computer Operator	S.R.K.R. Engineering College.	27-11-2000	01-03-2007	6 Years 3 Months	Computer Operator	Private

10. Total Experience: Teaching _____14 years_____

Industry _____6 Months*_____

Research _____5 Years_____

*Worked as Content Developer in WINTEL Software, Visakhapatnam.

11. Any other Distinctions/Achievements:

S.No	Description
1.	In-charge, Post Graduate Courses Cell.
2.	In-charge, Center for Knowledge of Life(CKOL)
3.	Academic Council Member, SRKREC
4.	Member, Internal Quality Assurance Cell(IQAC)
5.	Board of Studies Member, IT Dept.,
6.	Faculty Advisor for CSI Student Chapter(A-69)
7.	Project Review Committee IT Dept.,
8.	Project Coordinator B.Tech Projects
9.	Member Convenor, MSME Sub-Committee
10.	Assistant to Principal, Administration
11.	Faculty co-ordinator ESCI, The Institute of Engineers(India)
12.	Research Officer for Black Bucks
13.	Research Officer for Affine Lab IT Solutions
14.	P.G.Co-ordinator of IT Department
15.	Co-ordinator of Research & Development Cell
16.	Co-ordinator Innovation Centre.
17.	Co-ordinator Projects committee.
18.	Co-ordinator Research Publication Cell.
19.	Co-ordinator Extension and Social Responsibility Cell.
20.	Co-ordinator Consultancy cell.
21.	Member for Department Development committee, IT Dept.,
22.	Member for counseling committee, IT Dept.,
23.	Member for Time-Table committee , IT Dept.,

Honours and Awards	:	

1. International Distinguished women academician award 2021 honoured on 8th march 2021, lionised on the eve of international women's day at center for professional advancement Vijayawada, AP, INDIA
2. Best Researcher Award by ESN Research and Publications Awards on 28th September 2019
3. Innovative Technological Research & Dedicated Teaching Professional Award by Innovative Scientific Research Professional Malaysia (ISRPM) on 22nd october 2017 in 2017 JETR Convention on Innovative Technological Scientific Research Strategies in Science, Engineering, Management Applications & Medical Technology.
4. As Faculty co-ordinator Social Activities Led by me every year and are recorded in world records.
[1]. BIGGEST CASH CARD 2016, Recorded in Genius Book of Records, Bharat World Records, Golden Star World Records.
[2]. LARGEST HAND PRINT INDIAN NATIONAL FLAG 2015, Recorded in Limca Book of Records 2016, Unique World Records,
[3]. 1 CRORE TREE PLANTATION BY MOST PEOPLE AT MOST LOCATIONS, 2014 Recorded in Unique World Records 2014,
[4]. Ugadipuraskaram Award 2013 for Social Activity.
[5]. AKKANDA GNANA JYOTHI 2013 "Biggest Deepam" Recorded in Limca Book of Records 2014, Wonder Book of Records, Unique World Records, Telugu Book of Records.
[6]. BIGGEST RAKHI TIED TO AN OLD TREE 2012 Recorded in Wonder Book of Records 2013, Telugu Book of Records 2013.
[7]. LARGEST RAKHI 2012 Recorded in Limca Book of Records 2013, Wonder Book of Records Telugu Book of Records.
[8]. BIGGEST PAPER BAG 2011 Recorded in Limca Book of Records 2013, Wonder Book of Records, and Telugu Book of Records 2013.

12. Research Experience:

(a) Research Papers Published in Journals

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Vol.	Issue . No	Pages (PP)
1.	P CHARISHMA, Dr.I.Hemalatha	PREDICTION OF DIABETICS MELLITUS PATIENTS USING MACHINE LEARNING CLASSIFICATION TECHNIQUES	International	June 2021	GIS SCIENCE JOURNAL SCOPUS DATA BASE ACTIVE JOURNAL AND AN UGC CARE GROUP II JOURNAL	8	6	947-961
2.	N. Aiswarya, Dr.I.Hemalatha	An efficient medical framework for depression risk prediction using ensembled learning	International	May 2021	International journal of creative research thoughts (IJCRT), ISSN:2320-2882 (UGC APPROVED JOURNAL NO: 49023(18)) IMPACT FACTOR:7.97	9	5	H479-h492

3.	T.Sireesha, Dr.I.Hemalatha	Supervised and Unsupervised Learning Techniques for Identifying Lung and Pancreatic Tumor	International	JANUARY2021	International Journal of Management, Technology and Engineering (IJMTE) ISSN NO : 2249-7455 **DOI:16.10089.IJMTE.2021.V10I1.21.4903**	XI	I	21-28
4.	Andanapalli Pavani, Dr.I.Hemalatha	Machine Learning for the Detection of Suicide Related Text Communication on Social Media Using Prism Algorithm	International	DECEMBER 2020	Science, Technology and Development ISSN : 0950-0707 **DOI:20.18001.STD.2020.V9I12.20.34881** UGC CARE APPROVED GROUP – II	Volume IX	Issue XII	242-250
5.	Kopparthi Sree Kumari Naga Venkata Deepthi, Dr. I. Hemalatha	An Advanced Indexing Model for Computation of High Dimensional Ordered Data	International	October 2019	International Journal of Management, Technology and Engineering (IJMTE) **DOI:16.10089.IJMTE.2019.V9I10.19.35128**	IX	X	281-289
6.	M. Ramya Sudha, Dr. I Hema Latha	Secure Outsourcing Drug Data Discovery using SVM in Cloud Computing Environment	International	June 2019	Journal of Emerging Technologies and Innovative Research (JETIR)	6	6	5-8
7.	K.Durga Bhavani, Dr.I.Hemalatha	"Detection of Malaria parasite using RDT Cassette in Image Processing"	International	June 2019.	International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162	6	6	197-202
8.	N.Devika, Dr.I.Hemalatha, Atyam Naga V S D Sri Veena, P.lavanya, V.R.B.Rohini,	Manipulation of Unauthorized Authorities by Using Deniable ABE Scheme	International	June 2018	International Journal of Innovative Research in Science, Engineering and Technology	7	6	7463-7467
9.	Sirisha V and Hemalatha I	Adaptive De-Noising Approach For MRI	International	June 2018	International Journal of Current	7	6(G)	13563-

10.	Dr.I.Hemalatha K.Durgabhavani	Secure Transferring Routing Using Primary Pre Share an Optimization Advance for Remote Optimization	International	April 2018	International Journal of Creative Research Thoughts(IJCRT)	6	2	89-93
11.	N. Deshai, S. Venkataramana, I. Hemalatha, G. P. S. Varma	A Study on Big Data Hadoop Map Reduce Job Scheduling	International	April-2018	International Journal of Engineering & Technology (IJET)	7	31	59-65
12.	Raghuram Cheepurupalli, Dr.I.Hemalatha	A Survey: Classification and Segmentation Techniques of Brain Tumour for Magnetic Resonance Image (MRI)	International	April 2018	International Journal of Innovative Research in Computer and Communication Engineering, (IJIRCCE)	6	1	69-74
13.	N. Deshai, Dr. I. Hemalatha, Dr. G. P. Saradhi Varma	Secure Web Mining System for Online E-Commerce Business Sites	International	November-December-2017	International Journal of Scientific Research in Science, Engineering and Technology (ijsrset.com)	3	8	317-323
14.	N. Deshai, Dr. I. Hemalatha, Dr. G. P. Saradhi Varma	Geospatial Enormous Information Processing in an Open Source Circulated Computing Environment	International	November-December-2017	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2	6	318-325
15.	N. Deshai, Dr. I. Hemalatha, Dr. G. P. Saradhi Varma	Graph-Based Semi-Supervised Learning for Large Scale Data Processing Using SVM	International	September 2017	International Journal and Magazine of Engineering, Technology, Management and Research (IJMETMR)	4	9	60-66
16.	N. Deshai, Dr. I. Hemalatha, Dr. G. P. Saradhi Varma	Map Function: Image Processing System using Handover Technique on cloud Environment	International	November 2017-	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	5	XI	2112-2119
17.	D.Prasanna	Minimizing the	Interna	Dec-	International	7	12	20536

No.	Authors	Title	Type	Year	Journal	Vol	Issue	Pages
	Lakshmi, Dr.I.Hemalatha	Computational Cost on Large Scale Data using Network Traffic	tional	2017	Journal of Current Trends in Science and Technology,			-20543.
18.	M.Sai Surya Prasanna, Dr.I.Hemalatha,	Privacy Preserving Dynamic Workload Balancing Between Data notes for Hadoop Map Reduce	International	Dec-2017	International Journal of Creative Research Thoughts (IJCRT)	5	4	2896-2906
19.	K.Sridevi, Dr.I.Hemalatha,	"H2Hadoop: Metadata Centric Big Data Analytics on Related Jobs Data Using Hadoop Pseudo Distributed Environment"	International	Nov-Dec-2017,	International Journal of Scientific Research in Computer Science, Engineering and Information Technology(IJSR CSEIT)	2	6	834-841
20.	Kishore Raja K, Hemalatha I. Saradhi Varma G. P.	An Android Bug Detector Using Reverse Engineering	International	2016	International Journal of Control Theory and Applications		Special issue 10	63-72
21.	K. Sandeep Varma, I. Hemalatha, K. Kishore Raju	A Smart Water Management System for	International	2016	Journal of Chemical and Pharmaceutical Sciences		10	29-33
22.	P. Bhavani, G.P.S. Varma, D. Chandra Sekhar, I Hema Latha, D.P. Ramesh Raju	Effect of Yoga and Meditation on Engineering College Students	International	2016	Journal of Chemical and Pharmaceutical Sciences		10	22-24
23.	Vegeana Tanuja, Dr.I.Hemalatha	A Novel Approach for Geo-Social K-Cover Group Queries and its Utilization	International	July 2016	in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	5	7	14192-14197
24.	Penmatsa Sai Lakshmi, Dr.I.Hemalatha	Study of Anonymization of Tree Structured Personal Records through Structural Links	International	July 2016	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	5	7	14186-14191
25.	Chennamsetti Sri Lakshmi Kranthi,	Efficient Pruning Techniques by Vertex set Similarity and	International	July 2016	International Journal of Innovative	4	7	14430-14435

	Dr.I.Hemalatha	Graph Topology			Research in Computer and Communication Engineering (IJIRCCE)			
26.	Budharaju Teja Sree, Dr.I.Hemalatha	Streamlining the Ranking Methodology for Mobile APP Leader Boards	International	July 2016	International Journal of Innovative Research in Computer and Communication Engineering,(IJIR CCE)	4	7	14425 - 14429
27.	G.Kasi Annapurna, Dr.I.Hemalatha	Recognition Carp	International	May 2015	International Journal of Engineering & Science Research (IJESR)	5	5	286- 289
28.	Mudhunuri Priyanka, Dr.I.Hemalatha	Online Client Assignment in Distributed Interactive Applications	International	May 2015	International Journal of Engineering & Science Research (IJESR)	5	5	334- 340
29.	Bhogireddy Padma, Dr.I.Hemalatha	RE-Ranking of images using Semantic Signatures With Queries	International	May 2015	International Journal of Engineering & Science Research (IJESR)	5	5	310- 315
30.	G. Jyothi, Dr. I. Hemalatha	"A Novel Architecure for Location Based Recommendation Combining User Interest and Social Circle"		August 2015	International Journal of Engineering & Science Research, IJESR ISSN 2277-2685.	5	8	933- 938,
31.	K.Neelima, Dr.I.Hemalatha	Personalize Resemblance of User Behaviour on Shopping Carts	International	OCT-NOV 2015	International Journal of Computational Mathematical Ideas(IJCMI)	10	1	63190 - 63196
32.	I.Hemalatha, G.P.Saradhi Varma, A.Govardhan	An Evaluation of Sentiment Analysis In Online Reviews Using FRN Algorithm	International	2014	International Journal of Operating Systems Development & Trends(JoOSDT)	1	1	14-20
33.	I.Hemalatha, Dr.G.P.S.Varm aand Dr.A.Govardha	Feature Relation Networks for Sentiment Detection in Messages	International	Mar-Apr 2014	International Journal of Research in Science &	3	2	044- 046

					Advanced Technologies (IJRSAT)			
n								
34.	Hemalatha, Dr.G.P.Saradhi Varma, Dr.A.Govardha n	Automated Sentiment Analysis System Using Machine Learning Algorithms.	Interna tional	March-2014	International Journal of Research Computer and Communication Technology (IJRCCT)	3	3	300-303
35.	I.Hemalatha, Dr.G.P.Saradhi Varma, Dr.A.Govardha n	Sentiment Analysis for Social Networking Messages Sentiment Detection	Interna tional	March-2014	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)	4	3	921-924
36.	I.Hemalatha, Dr.G.P.Saradhi Varma, Dr.A.Govardha n	Case Study on Online Reviews Sentiment Analysis Using Machine Learning Algorithms	Interna tional	Februar y 2014	International Journal of Innovative Research Computer and Communication Engineering (IJIRCCE)	2	2	3182-3188
37.	I Hemalatha, G P Saradhi Varma, A. Govardhan	Sentiment Classification in online reviews using FRN Algorithm	Interna tional	2013	IEEE Xplore Digital Library IET Publisher			DOI:1 0.104 9/ic.2 013.0 338
38.	I Hemalatha, G P Saradhi Varma, A. Govardhan	Social Network Analysis and Mining using Machine Learning Techniques	Interna tional	2013	IDES Digital Library, Elsevier Track DOI:03.AETS.7.2 013.39	7		603-607
39.	I Hemalatha, G P Saradhi Varma, A. Govardhan	Sentiment Analysis Tool using Machine Learning Algorithms	Interna tional	2013	Elixir International Journal, Elixir Comp. Sci. & Engg	58		1479 1-1479 4
40.	I Hemalatha, G P Saradhi Varma, A. Govardhan	Sentiment Analysis Tool using Machine Learning Algorithms	Interna tional	March-April 2013	International Journal of Emerging Trends & Technology in Computer Science(IJETTCS)	2	2	105-109

41.	I.Hemalatha, Dr. G.P.S.Varma, Dr.A.Govardhan	Pre-processing the Informal Text for Efficient Sentiment Analysis	International	July-August 2012	International Journal of Emerging Trends & Technology in Computer Science(IJETTCS)	1	2	58-61
42.	I.Hemalatha, Dr. G.P.S.Varma, Dr.A.Govardhan	Mining Concept Based User Profiles from Search Engine Logs	International	2011	International Journal of Computer Information Systems	3	5	68-72.
43.	I.Hemalatha, Dr. G.P.S.Varma, Dr.A.Govardhan	Machine Learning Methods in Classification of Text by Sentiment Analysis of Social Networks	International	Sept – Oct 2011	International Journal of Advanced Research in computer Science	2	5	230-233
44.	I.Hemalatha, Dr. G.P.S.Varma, Dr.A.Govardhan	Machine Learning Methods in Classification of Text by Sentiment Analysis	National	Sep-Nov 2011	CIT Journal of Research	2	4	PP No-60-65
45.	I.Hemalatha, Dr. G.P.S.Varma	Semantic analysis of web pages for Machine learning using DOM Tree	National	Sep 2010	CIT Journal of Research	1	2	162-168

(b) Research Papers Published in Conferences

S No	Author (s) Name	Title of the Research Paper	National/ International	Year of Publication	Name of the Conference	Pages (PP)
1.	V.Mounica, A Wasim, I.Hemalatha	Expediting International Student Admission process using data analytics	International	Dec 28-29, 2020	International Conference on computer vision, high performance computing, smart devices and networks(CHSN-2020), JNTUK, kakinada	36
2.	Mounicasri Valavala, Hemalatha Indukuri	Comparative Analysis of Sentiment Analysis between All Bigrams and selective Adverb/Adjective Bigrams	International	6th & 7th December 2019	5th International Conference on Micro-Electronics, Electromagnetics and Telecommunications organized by Dept., of ECE, Raghu Institute of Technology, Visakhapatnam DOI:10.1007/978-981-15-3828-5_69 (Springer)	pp.665-672
3.	Dr.I.Hemalatha K.Kishore Raju	"Mobile Based Municipality complaint	International	2016 15th & 16th Dec 2016	International Conference on Emerging Multidisciplinary	

		Management Application(swatch App) using Android			Research and computational Intelligence(ICEMRCI)	
4.	Bogireddy Padma Dr. I.Hemalatha	"Re-Ranking System For Searching Images Using Semantic Signatures With Queries In TheWeb"	International	October 15-17 2015	International Conference on Artificial Intelligence, Robotics and Embedded Systems, Andhra University,Visakhapatnam.	Sess - 04 MCC-01
5.	Madhuri Priyanka I.Hemalatha	"Balancing The Load Among Client Assignment For Distributed Interactive Applications"	International	October 15-17 2015,	International Conference on Artificial Intelligence, Robotics and Embedded Systems, Andhra University, Visakhapatnam	Sess-4 MCC-04
6.	G.Kasi Annapurna I.Hemalatha	A novel Security method - Carp(captcha as a recognition pattern)	International	October 15-17 2015,	International Conference on Artificial Intelligence, Robotics and Embedded Systems, Andhra University, Visakhapatnam.	Sess-5 IS-08
7.	I.Hemalatha Dr. G.P.Saradhi Varma Dr. A.Govardhan	"Sentiment Classification in Online Reviews using FRN Algorithm"	International	12-14 December 2013	proceedings of IET(SEISCON 2013), IET Chennai 4th International Conference on sustainable Energy and Intelligent system, K.C.G. College of Technology Chennai, Tamilnadu, India.	357-362,
8.	I.Hemalatha Dr. G.P.Saradhi Varma Dr. A.Govardhan	"Social Networks Analysis and Mining Using Machine Learning Techniques"	International	1st & 2nd August 2013,	ITC2013, Elsevier, proceedings of ComNet CIIT & ITC, Fourth International Conference on Recent trends in Information, Telecommunication and Computing- Chandigarh, India	603-607
9.	I.Hemalatha K.V.N.A.Bhargavi Dr. G.P.Saradhi Varma	"Categorization of documents using Rocchio feedback algorithm by means of entropy based TFIDF classifier used for web mining"	International	9th – 10th Dec 2011	GRIET, Hyderabad, India published by Elsevier, ICACM'11 International Conference on Advanced Computing Methodologies 2011	54-59
10.	I.Hemalatha Dr. G.P.Saradhi Varma	"Architectural Design and Analysis of an efficient web keyword search results using	International	27-29, May 2011	International Conference on Computer Applications and Network Security-ICCANS 2011	78-80

		crawling and page ranking methodologies in web mining"				
11.	K.Chandra Sekhar I.Hemalatha Dr. G.P.Saradhi Varma	"Sentiment Analysis using Machine Learning Approach in Web Logs"	International	July 8-10	International Conference on NanoScience, Engineering & Advanced Computing (ICNEAC-2011),Volume-III,	622-626
12.	Hemalatha Indukuri G.P.Saradhi Varma	"Architectural Design and Analysis of an efficient web keyword search results using Crawling and Page ranking Methodologies in Web mining"	International	6th – 8th Aug'09,	ICIP'09 Third International Conference on Information Processing, Bangalore.	735-736
13.	M.Galeiah I.Hemalaih	A Fuzzy-Based Approach in Clustering Data Sources in Web Mining	International	10th & 11th December 09,	A 2-day International Seminar on Artificial Intelligence & Applications Srikakulam. (AIA-2009),	
14.	I.Hemalatha Dr. G.P.Saradhi Varma Dr. A.Govardhan	"An Evaluation of Sentiment Analysis in online reviews using FRN Algorithm"	National	28th and 29th March-2014,	National Conference on Emerging Technologies in Computer Science 2014 JNTUK University College of Engineering (NCETCS'14)	65-69.
15.	I.Hemalatha Dr. G.P.Saradhi Varma Dr. A.Govardhan	"Sentiment Analysis using Machine Learning approach in Web Logs"	National	22nd – 23rd Feb 2011	National Conference on current Trends of InformationTechnology "Techfleet'11"Dept. of IT, S.R.K.R.Engg College.	
16.	B.Renny Ophir I.Hemalatha	A Relation based ranking formal model for semantic web search engines	National	30th – 31st july 2010	Converg-2k10 Dept. of IT, S.R.K.R.Engg College.	
17.	S.Sudheer I.Hemalatha	Personalized Web Search for improving Retrieval Effectiveness	National	30th – 31st july 2010	Converg-2k10 Dept. of IT, S.R.K.R.Engg College.	
18.	N.Desai I.Hemalatha	Efficient Classification across multiple database relations: A cross mine Approach	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	80-85
19.	G.Arun Kumar I.Hemalatha	Learning Block importance models for web pages	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	55-61

20.	M.Galeiah I.Hemalatha	Offline Browsing: A fuzzy based approach in clustering data sources and antology metadata	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	86-92
21.	D.Madhavi I.Hemalatha	Mobile IRIS Recognition	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	103-106
22.	G.Prasanthi I.Hemalatha	Efficient Algorithm for Hierarchical online mining of Association rules	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	
23.	B.Renny Ophir I.Hemalatha	Personalized web search using information retrieval systems in data mining	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	169-174
24.	I.Hemalatha	Wireless mesh networks	National		Converg 2K9 Dept. of IT, S.R.K.R.Engg College.	159-161
25.	I.Hemalatha	Design of efficient search engine using page rank algorithm in web mining	National		Converg 2K8 Dept. of IT, S.R.K.R.Engg College.	118-123
26.	I.Hemalatha K.V.N.A.Bharga vi Dr. G.P.Saradhi Varma	Document Categorization using ROCCHIO Feedback algorithm with entropy based TFIDF classifier for web mining	National		Techfleet – 08 Dept. of IT, S.R.K.R.Engg College.	54-59
27.	I.Hemalatha Dr. G.P.Saradhi Varma	The Anotomy of a large scale hyper textual web search engine	National	20th & 21st Jan 2008	National Seminar on Data Mining and its Applications Department of CSE at Gudlavalleru engineering college, Krishna District, A.P.	44-54
28.	I.Hemalatha Dr. G.P.Saradhi Varma	Personalized Search Engine using Personalized Page Rank Vectors for Web Mining	National	24th – 25th Jan 2008	National Conference Medhamilan, organized by Shri Vishnu Engg college.	
29.	I.Hemalatha Dr. G.P.Saradhi Varma	"Developing a Web Search Engine using Crawling and Page Ranking Algorithms"	National	17th to 30th Dec 2007	Mhotsav-07, organized by Vignan Engg college, Vadlamudi, Guntur.	

(c) Workshops/STTP Attended

S. No	Name of the workshop/ STTP	Place	Period	
			From	To
1	Two-Days National Workshop Series on AI for "COVID-19 outbreak Prediction Forecasting, Data Analysis & Data Visualization" Organized by EduxLabs (Esoir Business Solution)	Online Mode	14th April 2020	15th April 2020

2	Faculty Development Program On Data Science organized by ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC) (DEPARTMENT OF SKILL DEVELOPMENT & TRAINING GOVT. OF ANDHRA PRADESH) & EXCELR 60 Contact hours	Online Mode	June 1st 2020	June 30th 2020
3	AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" at Central University of Kerala.	Online Mode	09-06-2020	13-06-2020
4	Faculty Development Program On AWS Cloud Computing organized by ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC) (DEPARTMENT OF SKILL DEVELOPMENT & TRAINING GOVT. OF ANDHRA PRADESH) & Byte XL 10 Contact hours	Online Mode	22nd June 2020	26th June 2020
5	"Online Quiz on Data Structures using C", Organized by DEPARTMENT OF INFORMATION TECHNOLOGY, Kakatiya Institute of Technology & Science	Online Mode	17 June 2020	
6	Online awareness program and quiz on Intellectual Property rights (IPR) organized by R&D Department and MHRD Institution's Innovation Council (IIC) of SRKR engineering College	Online Mode	11 June 2020	
7	Online awareness program and quiz on Entrepreneurship organized by MHRD Institution's Innovation Council (IIC) of SRKR engineering College	Online Mode	6/5/2020	
8	webinar on "COVID-19 Data Analysis using Microsoft Power BI" organized by Data Analytics Club, Department of CSE, Prathyusha Engineering College, Chennai		4th July 2020.	
9	15 days Online Workshop on "Application Of Data Science For Industries Problem Through Python" organized by JNTUK & EXCELR	Online mode	10th August 2020	28th August 2020
10	AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" organized at National Institute of Technology Andhra Pradesh.	Online Mode	2020-9-7	2020-9-11
11	Summer Online Training Program On Deep Learning organized by ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION (APSSDC) (DEPARTMENT OF SKILL DEVELOPMENT & TRAINING GOVT. OF ANDHRA PRADESH)	Online mode	5 Oct 2020	9 Oct 2020
12	Online FDP on "Internet of Things (IoT)" AICTE Training And Learning (ATAL) Academy at JNTUA COLLEGE OF ENGINEERING.	Online Mode	9 Nov 2020	13 Nov 2020
13	Online FDP on "Internet of Things (IoT)" AICTE Training And Learning (ATAL) Academy at GUDLAVALLERU ENGINEERING COLLEGE.	Online mode	7 Dec 2020	11 Dec 2020
14	Online FDP on "Block chain" AICTE Training And Learning (ATAL) Academy at Chaitanya Bharathi Institute of Technology.	Online Mode	4 Jan 2021	8 Jan 2021
15	Two-week online FDP Phase-II on "Machine learning & Artificial Intelligence in Data Science organized by dept., of CSE, PACE Institute of technology and sciences, Ongole.	Online Mode	24 May 2021	2 June 2021
16	Three Day online FDP on "Research Trends & Practical Applications on Machine Learning" organised by Department of Electronics & Communication Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati	Online Mode	3 June 2021	5 June 2021
17	One week National level virtual Faculty Development program on "Data Science and its applications" organized by CSE Dept., SRKREC	Online Mode	10 june 2021	15 june 2021

18	A five day national level online Faculty development program on "Applications of machine learning" organized by CSE Dept., Sri Vishnu engineering college	Online Mode	15 June 2021	19 June 2021
19	One week national level faculty Development Program on "Multi-Technologies" organized by Department of Computer Science & Engineering in collaboration with Brainovision and national youth council of India.	Online Mode	27th June 2021	3 July 2021
20	"One Week National Level Online Faculty Development Program on "Societal Applications of AI, Blockchain, and IoT" organized by CSE Dept., Sri Vishnu engineering college	Online Mode	1st Sep 21	5th Sep 21
21	Two Days National workshop : Recent Guidelines on NAAC Assessment and Accreditation organized by IQAC held at Arts, Commerce and science colleges, satral	Online Mode	21st Sep 21	22nd Sep 21
22	5 Days online FDP on " Artificial intelligence Machine learning & Deep learning " organized by Centre for Continuing Education, National Institute Of Technology Warangal & Raghu Engineering College, Visakhapatnam	Online Mode	08th Nov 21	12th Nov 21
23	Online One Day Workshop on Grant and Funding Project Proposal Writing organized by EduCorp Centre for Research and Advanced Studies Pvt. Ltd.	Online Mode	12 Dec 21	
24	Virtual workshop titled "Data Analysis and Data Visualization" organized by parul university jointly with L&T, NASSCOM, NIRVEDHA-Tech and Advanced Institute, University of Surrey, UK	Online Mode	17 Dec 21	
25	One week national level online FDP on recent trends in artificial intelligence, IoT, and data analytics" organized by the dept., of CSE, Shri Vishnu Engineering College for Women (A).	Online Mode	9th Feb 22	13th Feb 22
26	Virtual workshop titled "Artificial Intelligence in smart city development: Recent Trends and Future Prospective" organized by parul university jointly with L&T, NASSCOM, NIRVEDHA-Tech and Advanced Institute, university of surrey, UK	Online Mode	4th March 22	
27	Virtual workshop titled "Enhancing Mobile Application Security using Blockchain Technology" organized by parul university jointly with L&T, NASSCOM, NIRVEDHA-Tech and Advanced Institute, university of surrey, UK	Online Mode	3rd June 22	
28	Cloud Fundamental Duo Training on AZ-900 and SC-900 conducted by Cloud That	Online Mode	14th June 22	
29	The Fundamentals of Digital Marketing certification exam by Google Digital Garage	Online Mode	29th June 22	
30	Six day online FDP on "ARTIFICIAL INTELLIGENCE AND DATA SCIENCE" organized by Department of Computer Science and Engineering, Aditya College of Engineering, Madanapalli.	Online Mode	11th July 22 to 16th July 22	

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	One Week Faculty Development Programme(FDP) on "Artificial Intelligence using Machine Learning & Deep Learning" organized by Dept., of IT, Swarnandhra College of Engineering & Technology & in association with revert Technology Pvt. Ltd & Finland Labs	Dept., of IT, Swarnandhra College of Engineering & Technology, Seetharampuram, Narsapur	07th Jan 2019	11th Jan 2019
2.	One week Faculty Development Programme(FDP) on Machine Learning with	Dadi institute of engineering and	1st June 2018 3rd June 208	8th June 2018

	Python organized by E&ICT Academy, NIT Warangal	technology, Anakapalle		10th June 208
3.	Six day faculty development program on information security & networks organized by Dept., of CSE & IT, Lucerne university of applied sciences and arts, Switzerland	S.R.K.R. Engineering College, Bhimavaram–534204	11th July 2017	19th July 2017
4.	One Week National Level Faculty Development Program on, Jointly Organised by Electronics & ICT Academy, NIT Warangal, Telangana -506004,	Department Of ECE, S.R.K.R. Engineering College, Bhimavaram–534204	3rd July 2017	8th July 2017
5.	Workshop on Innovation & Incubation Centres in Engineering College in Association with Atal innovation Mission, NITI Aayog, Govt., of India.	S.R.K.R. Engineering College, Bhimavaram–534204	9th March2017	
6.	One Day Symposium on Innovation and Digitization in India	AUCE(A), Andhra University	11th Jan 2017	
7.	One week Faulty improvement program(FIP) on IBM business Analytics organized by APSSDC	S.R.K.R. Engineering College, Bhimavaram–534204	21st Nov 2016	26th Nov 2016
8.	Workshop on Geospatial Technologies with special colloquium on Evaluation of Land and water management systems of W.G.Dt, AP, INDIA.	S.R.K.R. Engineering College, Bhimavaram–534204	27th Oct 2016	28th Oct 2016
9.	Workshop on Creating Roadmap for Innovation and Incubation Centres in AP Educational Institutions.	AP IT&EC Dept., Hotel Gate way, Bundar Road Vijayawada.	19th Oct 2016	
10.	Workshop on Internet of Things (IoT), Implementation of Technical Knowledge in e-Governance.	IT E&C Dept., Pavitra Sangamam B-Ghat, Ibrahimpatnam, Vijayawada.	23rd Aug 2016	
11.	3-Day Hands on Workshop Internet of Things (IoT) and It's Smart Devices using Raspberry Pi"	Department Of ECE, S.R.K.R. Engineering College, Bhimavaram–534204	07th July 2016	09th July 2016
12.	Two Day Faculty Development Programme on "Big Image Data Processing on Hadoop Framework"	Dept., of CSE&IT Pragathi Engineering College, Surampalem.	19th Mar 2016	20th Mar 2016
13.	A National Level Workshop on Big Data & Hadoop from organized by Revert Technology Pvt. Ltd., Congnizance, IIT Roorkee.	S.R.K.R. Engineering College, Bhimavaram–534204	6th Feb 2016	7th Feb 2016
14.	Faculty Enablement Program by Infosys from at	Kakatiya Institute of Technology & Science Warangal.	8th Oct 2012	12th Oct 2012
15.	Training Programming in computer programming by A.P State Council of Higher Education from	Sri Vishnu Engineering College for women, Bhimavaram.	16th July2012	21st July 2012
16.	Attended Faculty Enablement Program on cloud computing by Infosys from	Pragati engineering college, Kakinada.	30th Jan 2012	3rd Feb 2012
17.	Attended Indo-Us Collaboration for Engineering Education programme on	JNTU Kakinada.	23rd Jan 2012	
18.	Faculty Enablement Program on Advanced Computing by Infosys from at	Anil Neerukonda Institute of Technology& Science,Visakhapatnam.	30thMay 2011	3rd June 2011
19.	Faculty Enablement Program by Infosys from at	Padmasri Dr. B.V.Raju Institute of Technology,	6th Dec 2010	10th Dec 2010

20.	Faculty Enablement Program on Storage Area Networks by HP.	S.R.K.R.Engineering College, Bhimavaram.	30th July2010	
		Narsapur.		
21.	Faculty Enablement Program by Infosys	Pragati engineering college, Kakinada.	16th Nov 2009	20th Nov 2009
22.	a workshop organized by Microsoft and IEG/JKC on Microsoft.NET between	Sri Vishnu Engineering College, Bhimavaram.	30th Oct 2008	1st Nov 2008
23.	Great Mind Challenges Workshop conducted by IBM India Ltd.,	S.R.K.R.Engineering College, Bhimavaram.	25thSep 2006.	26th Sep 2006.
24.	2 days workshop on "Research Rose" conducted by IBM India Ltd.,on dec	S.R.K.R.Engineering College, Bhimavaram.	26thDec 2006.	27thDec 2006.

(d) Lecture/Special Lectured in Institutions

Sl.No.	Title/Subject of Lecture delivered	Name and Place of Institution	Date of Lecture	Duration
1	Introduction to computer systems	S.R.K.R. Engineering College	Sep 2008,Aug 2009,Sep 2010	30 hrs
2	Operating Systems	S.R.K.R. Engineering College	Sep 2008,Aug 2009,Sep 2010	30 hrs
3	User Interface Design	S.R.K.R. Engineering College	Sep 2008,Aug 2009,Sep 2010	30 hrs
4	Computer Hardware and System Software Concepts	S.R.K.R. Engineering College	Sep 2008,Aug 2009,Sep 2010	30 hrs

(a) Workshops Conducted

Sl. No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	5 Day National Level Online short term course on Data science & Machine Learning in association with center for continuing education, NIT Warangal	Dept., of IT,SRKREC	6th Dec 2021	10th Dec 2021
2.	A student workshop & Faculty Development Program(Virtual) on Block Chain Technology hands on approach for 5 days	SRKR Engineering College	08 Feb 2021	12 Feb 2021
3.	TWO WEEK FDP on Digital Image Processing for Medical Images	SRKR Engineering College	5th Aug 2019	17th Aug 2019
4.	Organizer for Smart India Hackthon 2019	SRKR Engineering College	2nd March 2019	3rd March 2019
5.	Research Methodology and Statistical Analysis	SRKR Engineering College	09-07-2018	14-07-2018
6.	Workshop on Innovation & Incubation Centers in Engineering College in Association with Atal innovation Mission, NITI Aayog, Govt., of India.	SRKR Engineering College	9th Mar 2017	
7.	APSSDC - Digital Financial Literacy Program to create awareness on Cashless Transactions in 13 Districts of Andhra Pradesh.	Chinna Amiram	29 Dec 2016	03 Jan 2017
8.	National Level Workshop on Big Data & Hadoop from organized by Revert Technology Pvt. Ltd., Congnizance, IIT Roorkee.	SRKR Engineering College	6$_{th}$ Feb 2016	7$_{th}$ Feb 2016
9.	"CSI National Level Fun Quiz" Zonal Level	SRKR Engineering College	7th Feb 2015	
10.	Two Days workshop on Android	SRKR Engineering College	2nd Mar 2015	3rd Mar 2015
11.	A one day workshop on Big Data	SRKR Engineering College	22nd Feb 2015	

12.	A one day workshop on Mobile Application Development	SRKR Engineering College	9th Mar 2014.	
13.	A two day workshop on Mobile Application Development	SRKR Engineering College	8th Feb 2014	9th Feb 2014
14.	A two day workshop Web Nux	SRKR Engineering College	18th Feb 2013	19th Feb 2013
15.	Ethical Hacking and Cyber Attack	SRKR Engineering College	17th Aug 2012	18th Aug 2012

(b) Details of Research Projects

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction
1.	Development of machine Learning Algorithms for Detection of Impact Analysis of Brain tumor in Human Brain	Rs. 29,06400/-	SERB DST, Govt of India.	In Progress	File No: ECR/2016/001880 Dt: 16th Feb 2017 SERB – ECRA
2.	FIST Level O Program Sanctioned Rs. 30,00,000/-	Rs. 80,00,000/-	FIST-DST, Govt. of India	In Progress	SR/FST/College-349/2016(C) 2nd February, 2018
3.	TWO WEEK FDP on Digital Image Processing for Medical Images	Rs. 4,58,000/-	AICTE	Completed	F.No. 34-55/39/RIFD/FDP/Policy-1/2017-18
4.	Research Methodology and Statistical Analysis	Rs. 3,00,000/-	AICTE-ISTE	Completed	ISTE/AICTE-ISTE Induction/Refresher Program/2018,June 9, 2018
5.	Recent Trends in Artificial Intelligence (Converge-2K-16)	Rs. 1,00,000/-	SERB Seminar Grant	Completed	SERB/F/5724/2016-17 Dt: 08/11/2016.

PATENT APPLIED

- Title of the Patent: "SYSTEM FOR DETECTING EARLY STAGES OF ALZHEIMERS DISEASE AND METHOD" with Patent No: 201941016188A, Publication Date: 03/05/2019, Journal No. 18/2019, Name of Inventor: Dr. G.Pardha Sarathi Varma, Dr.Indukuri Hemalatha, Dr.R.N.V. Jagan Mohan [Published]
- Title of the Patent: "COMPUTER IMPLEMENTED METHODS FOR REDUCING FAILURE RATE OF RECOGNIZING ANGLE-ORIENTED IMAGES AND SYSTEM EMPLOYED THEREOF" with Patent No: 201841033688 A, Publication Date: 14/09/2018, Journal No. 37/2018, Name of Inventor: Dr.R.N.V. Jagan Mohan, Dr.G.P.Sarathi Varma, Dr.I.Hemalatha, K.Kishore Raju and K. Sandeep Varma [Published]
- Title of the Patent: "SYSTEM AND METHOD FOR RECOGNIZING ANGEL ORIENTED IMAGES" with Patent No: 201741032699, Publication Date: 29/09/2017, Journal No. 39/2017, Name of Inventor: Dr.R.N.V. Jagan Mohan, Dr.G.P.Sarathi Varma, Dr.I.Hemalatha and K.Kishore Raju [Published]

Ayurvedic Medicinal Plants web site http://ayurvedicmedicinalplants.in/	Consultant Co-ordinator for Automation, Services and Maintenance of CKOL centre.

Research Guidance:

Ph.D Scholar's Name: 1.Ms. P S V D Gayatri, University: JNTUK, Supervisor

2. Mantena S Varma, K L University External Supervisor

3. B.Tejasree, K L University External Supervisor

4. Meesala Rupasri, K L University External Supervisor

5. Susmitha Uddaraju, K L University External Supervisor

Name of the Degree	Guided Projects No
M.Tech	42
B.Tech	40

13. Achievements:
- Faculty coordinator for APSSDC-digital financial literacy programme.
- Paper setter for various autonomous colleges.
- Acted as session chair for the conference conducted by Dept., of IT.
- Co-ordinator for a biggest electronic voting machine EVM with the size of 15x 6 ft final year students of Information Technology IT department, SRKR Engineering College Bhimavaram on 25th Sep 2019.
- General Chair for " Largest Plough – Total Height 16 ft, width 26ft, with Echo Friendly Material Displayed in College Ground on 27th January 2018
- Co-ordinator for " Largest Debit Card – Total Height 30ft, Length 50ft, Total Area 3000 Sq ft, Cloth Used 500 Meters Displayed in College Ground on 30th January 2017
- Co-ordinator for " Biggest Charkha – Total Height 12ft, Length 19ft, Wheel Diameter 10ft, Stand Length 14ft, Thread of 50ft per/turn" Displayed in College Ground on 26th January 2016
- Co-ordinator for "CSI National Level Fun Quiz" Zonal Level on 7th February 2015 at SRKR Engineering College
- Co-ordinator for "Largest Hand Print Indian National Flag" 90 ft Width, 60 ft Height Using Handmade Cloth and Eco-Friendly Colours, 12,800 Members Participants in the Event Displayed in College Ground on 26th January 2015 Recorded in Limca book of records
- Co-ordinator for "1. Crore Tree Plantation by Most People at Most Locations" a social event conducted by Dept., of I.T, S.R.K.R. Engineering College, an attempt to Break the world Record in Collaboration with Unique world Records by Sapling Trees with in Initiative of "Go green-Save the Planet on 23 August 2014.
- Co-ordinator for "Save Trees" a social event conducted by Dept., of I.T, S.R.K.R. Engineering College, an attempt to break Guinness world Record by making 13ft dia and 300ft length of Rakhi with eco-friendly materials as a part of Cheer India Program on 22nd March 2012.
- Participated in "CHEER INDIA" Social Program Conducted by Dept., of Information Technology on 12th February 2011.
- Designed Website and maintained for MERG-05, International Conference on Current Trends of Information Technology, Oct 2005.
- Designed Website and maintained for MERG-07, National Conference on Current Trends of Information Technology, Feb 2007.
- Designed Website and maintained for CONVERG - 2k8 A National Conference on 'Research Trends of Information Technology'.
- Program Chair for National Level Conference on Current Trends of Information Technology TECHFLEET-19, January 30th & 31st 2019.
- Program Chair for National Level Conference on Current Trends of Information Technology TECHFLEET-18, February 20th & 21st 2018.
- Co-ordinator for National Conference on Current Trends in Big data and Cloud Computing TECHFLEET-17, January 30th 31st 2017.
- Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-16, March 4th & 5th 2016.
- Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-15, February 21st & 22nd 2015.
- Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-14, March 8th & 9th 2014.
- Co-ordinator for National Conference on Research Trends of Information Technology CONVERG-2K13, 28th to 30th Nov 2013 under the scheme of AICTE Seminar Grant.
- Co-ordinator for a Social Program Conducted by Information Technology "AKANDA JNANA JYOTHI" as a part of Cheer India Program, 26th March 2013.

- ➢ Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-13, March 19th & 20th 2013.
- ➢ Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-12, January 5th & 6th 2012.
- ➢ Co-ordinator for a Social Program Conducted by Information Technology SAVE TREES as a part of Cheer India Program, 22nd March 2012.
- ➢ Co-ordinator for National Conference on Current Trends of Information Technology TECHFLEET-11, 22nd & 23rd February 2011.
- ➢ Co-ordinator for a Social Program Conducted by Information Technology CHEER INDIA, 12th February 2011.

14. Strengths:
   - 20 years 10 months of Total work experience
   - 14 years of Teaching experience in Dept., of Information Technology.
   - Mentored the P.G. Courses Cell from the year 2013 to 2022.
   - Worked as team member in NAAC, NBA Committee works along with the Principal.
   - Presence from the inception of Dept., of IT involved, dedicated & committed in each & every point of work to till date.
   - Active in research by encouraging and guiding the B.Tech & M.Tech students in their project works.
   - Passion towards organization and society, so i played a major role in organizing many extra-curricular activities. The social activities done so far are recorded in world records.
   - Active Participation in organizing Workshops, FDPs, SDPs and Social Events.
   - Provide complete dedication in a considerably organised manner.
   - Positive attitude and responsible person.

15. Other Details if any:
   - ❖ LIFE MEMBER ISTE: LM124200
   - ❖ Student Branch Co-ordinator for CSI Student Chapter, Awarded as Best Student Chapter by Computer Society of India(CSI)
   - ❖ In-charge, Center for Knowledge of Life(CKOL) excellence centre for Ayurvedic Medicinal Plants. Developed & maintaining the http://ayurvedicmedicinalplants.in/ web site.

   Herbal Medicines has been used therapeutically all round the world, being an important aspect of various traditional medicine system. Medicinal plants have been identified and used throughout human history. The future of ayurvedha and medicinal plants lies at the intersection of data gathering, storage, and transforming. Effectively integrating data and maintaining which requires the development of new perspectives and new tools, and their integration with current research programs.

   My research plans focus on the opportunities at the intersection of Computerization and Ayurvedha Information: in particular, I am interested in enabling and providing the ayurvedic information for an effective way to discover future medicines by the practitioners and ayurvedic doctors, where I can develop automation and software tools for getting Medicinal plants information which have been identified and used throughout human history that connect early modern era.

16. Personal Details:
   (a) Name of the Father   : I.Bhaskar Raju
   (b) Name of the Mother   :I.V.Kanaka Durga
   (c) Gender   : Female
   (d) Marital Status   : Married
   (e) Nationality   : Indian

   Date: 24-08-2022
   Place:Bhimavaram   Signature