Name	: **Dr.R.Nithya**	
Designation	: Professor	
Department	: Computer Technology	
Qualification	: M.Sc., M.B.A. Ph.D.	
Experience	: Teaching: 11 Years 3 months	
	Industry: 8 Months	Research: 8 Years
Area of Specialization(s)	: Data Mining and Semantic Web Data Analytics	
Email (Official ID)	: rnithya@drngpasc.ac.in	

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	R.V.S College of Arts and Science, Sulur-Bharathiar University Affiliation.	2018
M.B.A	Business Administration	Alagappa University	2009
M.Sc.	Computer Science	P.S.G College of Arts and Science, Coimbatore - Affiliated to Bharathiar University	2007
B.Sc.	Computer Science	Dr.N.G.P. Arts and Science College, Coimbatore – Affiliated to Bharathiar University	2005

Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution / University / Agency Name	Year
Online Certificate	Python programming quick look	Udemy	2015
Online Certificate	Introduction to python programming	Udemy	2015
Online Certificate	Introduction to programming with python	Alison	2016
Online Certificate	Introduction to new features of html5	Alison	2016
Online Certificate	The python workbook solve 100 exercise	Udemy	2017
Online Certificate	Business Analytics and Text Mining Modeling Using Python	NPTEL	2019
Online Certificate	Introduction to R Programming	Alison	2020
Online Certificate	Hello Bot: Introduction to RPA and Use Cases v11	Automation Anywhere	2020
Online Certificate	Introducing Coding for Beginners: an HTML and CSS	BitDegree	2020

Online Certificate	Coronavirus - What you need to know	Alison	2020
Online Certificate	How to Create Great Online Content, University of Leeds And Institute Of Coding	FutureLearn	2020
Online Certificate	Computer Programming for Everyone, University Of Leeds And Institute Of Coding	FutureLearn	2020
Online Certificate	Digital Skills: Artificial Intelligence	FutureLearn: ACCENTURE	2020
Online Certificate	Introduction to Python: Master Python Basics in Only 2 Hours	BitDegree	2020
Online Certificate	How to Create a Webinar That'll Bring You Money?,	BitDegree	2020
Online Certificate	VUCA Environment: What It Is and How to Thrive in One	BitDegree	2020
Online Certificate	Introduction to Creative AI	FutureLearn	2020
Online Certificate	Enterprise Blockchains Fundamentals New	101 Blockchains	2020
Online Certificate	Introduction to Python	Datacamp	2020
Online Certificate	Creating Visualizations using Matplotlib	Datacamp	2020
Online Certificate	Deep Learning Onramp	Mathworks	2020
Online Certificate	Cloud Computing from Scratch	Eduonix Learning Solutions	2020
Online Certificate	Create Dynamic Maps using R	Eduonix Learning Solutions	2020
Online Certificate	Speed Math in 40mins	Eduonix Learning Solutions	2020
Online Certificate	Data Visualization using Tableau	Great Learning	2020
Online Certificate	Introduction to Amazon Elastic Compute Cloud(EC2)	AWS training	2020

Online Certificate	Data Analytics for Decision Making: An Introduction	Excel Bond University	2020
Online Certificate	Becoming a Project Manager	Udemy	2021
Online Certificate	The Python Programming A-Z Definitive Diploma in 2021	Udemy	2021
Online Certificate	Enterprise Blockchains Fundamentals New	101 Blockchains	2021
Online Certificate	Python for Data Science	NPTEL	2022

Research Guide Recognition No:24689/A2/2019

Number of Ph.D Students Guided: 2

Number of Articles Published in Medium: 3

Book Published:

Book Name: Iconic Problem-Solving using Python Programming
ISBN: 979-840473036
Publisher: Amazon
Year: January, 2022

Number of code Repositories in Github:7

Number of YouTube Repositories: 15+

Research Publications (Indexed)

International

1. R.Nithya, Dr.D.Maheswari,**Visualization Of Crisp And Rough Clustering Using MATLAB** ,CIIT International Journal of Data Mining and Knowledge Engineering,Vol.4. No.12, 12 December 2012, ISSN: 0974 – 9683.(Scopus)

2. R.Nithya, Dr.D.Maheswari, **Sentiment Analysis On Unstructured Review**, The Institute of Electrical and Electronics Engineers," IEEE xplorer", 24 November 2014,ISSN:978-1-4799-3966-4. (Scopus)

3. R.Nithya, Dr.D.Maheswari,**A Contrast Between Systematic And Automated Sentiment Analysis**,International Journal of Education and Management Engineering, Issue.2, Vol. 5, pp.20-29, June 2015, ISSN: 2305-3623. (Google Scholar, Baidu Wenku)

4. R.Nithya,**A Survey On Approaches For Performing Sentiment Analysis,**International Journal

for Research in Science Engineering and Technology, Vol. 2, Issue 7, Oct. 2015, ISSN 2394-739X. (Thomson Reuters, Impact Factor: 5.016).

5. R.Nithya, Dr.D.Maheswari, **Correlation of Feature Score to Overall Sentiment Score for Identifying the Promising Features**, The Institute of Electrical and Electronics Engineers, IEEE xplorer,30 May 2016,ISSN:978-1-4673-6680-9.(Scopus)

6. R.Nithya,**Inspecting The Sentiment Behind Customer Review Dataset**, International Journal for Computer Science Engineering and Technology, Vol 2, Issue 1, Feb 2017, ISSN: 2455-9091.(Index Copernicus, Cornell Libraries)

7. R.Nithya,Dr.D.Maheswari, **Estimating The Overall Sentiment Score By Inferring Modus Ponens Law,**International Journal of Latest Trends in Engineering and Technology, Vol.8, Issue 2- pp. 191-199, ISSN:2278-621X.(Indian Citation Index, Index Copernicus)

8. R.Nithya,**Estimating The Overall Sentiment Score Using LPSA Algorithm &Propound Combined Syntactic Pattern For Feature Selection By Inferring Modus Ponens Law,**International Journal of Computer Engineering & Applications, Vol. 7, Issue.8, Aug 2018, ISSN 2321-3469.(UGC Approved Journal)

9. R.Nithya,**Need For Anaphoric Resolution Towards Sentiment Analysis-A Case Study With Scarlet Pimpernel (Novel),**International Journal of Education and Management Engineering, Vol.1, pp.37-50, ISSN: 2305-3623.(UGC Approved Journal)

10. R.Nithya,**Identifying the Sentiments Behind Whatsapp Group Chats,** International Journal of Computer Engineering and Applications, Vol. XIII, Issue VI, June, 2019, ISSN 2321-3469.(UGC Approved Journal)

11. R.Nithya, **Student's Affinity towards Group Chats provoking NDL and NPTEL Registrations,**International Journal of Scientific Research and Reviews, April – June 2019, 8(2), 2941-2949, ISSN: 2279–0543.(UGC Approved Journal)

12. R.Nithya, **Training the Image Classifier with and without Data Augmentation,** International Journal of Scientific Research in Computer Science, Engineering and Information Technology, March – April 2020, 6(2), ISSN : 2456-3307. (Web of Science)

13. R. Nithya, D. Maheswari, V. Manimekalai and B. Leelavathi, **A Study On Factors Influencing As A Best Practice For Image Classification,** International Conference on Signals, Communication and Embedded Systems 2020 (ICSCES 2020), 14-18 October 2020, ISBN:978-81-937760-5-6.

14. R. Nithya, R. Rajeswari and P. Iswarya, **Comparison of Various Activation Function Used for Classifying Images,** International Conference on Signals, Communication and Embedded Systems Global Technology Forum 2020), 14-18 October 2020, ISBN: 978-81-937760-5-6.

Presentations in Conference

International Conference

1. **Determining Polarity Distribution of Unstructured Review**, International Conference on Knowledge Collaboration in Engineering,Kathir College of Engineering, Coimbatore ,24-Jan-14to 25-Jan-14.

2. **Sentiment Analysis on Unstructured Review,** International Conference on Intelligent Computing Applications, Bharathiar University, Coimbatore,06-Mar-14 to 07-Mar-14.

3. **Correlation of Feature Score to Overall Sentiment Score for Identifying the Promising Features,** International Conference on Computer Communication and Informatics, Sri Shakthi Institute of Engineering and Technology,Coimbatore, 07- Jan-16 to 09-Jan-16.

4. **Comparison of Various Activation Function Used for Classifying Images**, International Conference on Signals, Communication and Embedded Systems 2020 (ICSCES 2020) part of Global Technology Forum 2020 organized by ICT Academy from 14-18 Oct 2020.

5. **A study On Factors Influencing as a Best Practice for Image Classification,** International Conference on Signals, Communication and Embedded Systems 2020 (ICSCES 2020) part of Global Technology Forum 2020 organized by ICT Academy from 14-18 Oct 2020.

National

1. **Clustering Technique used in Market research**, Advanced Computing and IT Applications, KGiSL IIM, Saravanampatti, Coimbatore, 02-Mar-09.

2. **Exploring Sensible Branding**", Crisis Management, Adithya Institute of Technology, Coimbatore, 23-Sep-10.

3. **Data mining -Crisp and Rough Clustering**, Business Strategies for sustainable Growth, Karpagam College of Engineering, Coimbatore, 29-Oct-10.

4. **Role of SHG in Rural Marketing**, Impact of Microfinance in Enhancing competitiveness of Rural Market in India(NABARD),PSGR Krishnammal College of Women, Coimbatore, 23-Dec-10.

5. **Marketing Innovations & Strategies**, National Conference on Innovative Management Strategies at RVS IMSR, Coimbatore,28-Jan-2011.

6. **Visualization of Clustering using MATLAB**, National Conference on Computer Applications in Service Sector: Models and Methods, Dr.N.G.P Arts and Science College,Coimbatore,07- Sep-12.

7. **Women and Health**",National Conference on Women Development in the new Millennium: Issues and Challenges &Pudhu Vaazhvu Project, Coimbatore District,04-Oct-12.

8. **Monitoring Opinion on ESOP through Social Media and Clustering its Polarity**, National Conference on Computer Communication and Informatics, RVS College of Arts and Science, Sulur, Coimbatore,15-Feb-13.

9. **Analysis of opinion on ESOP through Social Media**Advanced Computing and IT Applications, Dr. N.G.P College of Arts & Science, Coimbatore,21-Feb-13.

10. **A study on factors influencing as a best practice for Sentiment Analysis**, National Conference on Computer Communication and Informatics, RVS College of Arts and Science, Sulur, Coimbatore,27-Feb-14.

Participation in Seminars

1. **Challenges and Strategies in Research**, SNS College of Engineering, Department of Computer Applications, Recognized Research Centre,Coimbatore,30-Jan- 16.

2. **Ethical Hacking and Cyber Security,** Hindustan Arts and Science College, Department of PG and Research in Computer Science, Coimbatore, 26-Sep-19.

Participation in Internship/Workshop

1. **Infosys Campus Connect**, Foundation Program, Karpagam College of Engineering , Coimbatore, 09- Aug-16 to 5-Jan-17.

2. **Database Management Systems**, IIT- Bombay ,RVS Engineering College, Coimbatore,21-May-13 to 31-May -13

3. **Python Programming**, Dr.Mahalingam College of Engineering and Technology, Pollachi ,30-Jul-16.

4. **AI & ML Using Python and IOT Using AWS by Finland Labs** , 4 Weeks Live online Training and Internship program from 03-May-21 to 29-May-2021.

5. **ShapeAI Python and Computer Vision Bootcamp**, Live Chat at Youtube, 17-May-2021 to 23-May-2021.

6. **ShapeAI Data Analytics & Dashboard with Excel** Bootcamp, 7 days Live Chat session at Youtube in collaboration with Google Developers, GDG Ranchi, 17-May-2021 to 23-May-2021.

7. **Data Analytics & Machine Learning for IoT Automation**, VIT - Vellore Institute of Technology, Chennai, 21-Jun-2021 to 25-Jun-2021.

Participation in Orientation Programme / Short Term Courses

1. Java, Spoken Tutorial Project, IIT Bombay,15-Apr-20.

2. Python 3.4.3, Spoken Tutorial Project, IIT Bombay, National Mission on Education through ICT, 4-May-20.

3. Technology for Future, ICT ACADEMY,09-Apr to 18-Apr-20.

4. The Future of Education, Employment &Entrepreneurship, ICT Academy, 04-May -20 to 08-May-20.

5. Future of Education, ICT Academy, 18 -Jun-20. (C.No: S257392)

6. The Future of Skills - Education, Employment & Entrepreneurship, ICT Academy, 11-May to 14 May-20.

7. Future Tech 2020, The Future of Skills - Education, Employment & Entrepreneurship, ICT Academy, 15-May-20 to 22-May-20.

8. The Future Is Here Now, Good Teacher to Great Teacher, Change is the Essence of Life, ICT Academy, 01-May -20, 04-May-20, 25-May-20.

9. AWS training and certification on Security Fundamentals-Access Control and Management, Authentication and Authorization with AWS Identity and Access Management, 4-Jun-2020.

10. Future in IT ERA, Hindustan Institute of Technology, Department of CSE with Software Development, 13-Jul- to 17-Jul-20.

11. Data Science & Machine Learning organized by Department of Mechanical & Mechatronics engineering, K.S.R College of Technology, 18-Jul-20 to 20-Jul-20. (F18720028)

12. Digital Teaching Techniques, ICT Academy, 29-Jun-20 to 04-Jul-20. (DTT-5369)

Participation in Faculty Development Programme

1. **Oracle9i**, KGiSL IIM, Coimbatore,09- Jan-09.

2. **Innovative Teaching Techniques**,KG college of Arts & Science, Coimbatore,08-Jun-09.

3. **Globally Practiced Teaching Methodologies**, RVS College of Engineering & Technology, Coimbatore, 13-Oct-10.

4. **Case Writing**, RVS Institute of Management Studies & Research, Coimbatore, 12-Nov-10.

5. **Effective Teaching Methodologies**,Kongu Nadu Arts and Science College, Coimbatore,11- Aug-12.

6. **Research Techniques in Computer Science**, Parks's College, Chinnakarai, Tirupur,08-Sep-12.

7. **Current Teaching Trends**, Kongu Nadu Arts and Science College, Coimbatore,17-Aug-13.

8. **Application of Statistical in Research using MS-Excel**, RVS College of Arts and Science, Coimbatore 28-Feb-14.

9. **Writing Effective Research papers in Humanities**, RVS College of Arts and Science, Coimbatore, 10-Oct-14.

10. **Business Analytics & Tools for Big Data**, RVS College of Arts and Science, Coimbatore, 17-Nov-16.

11. **Business Analytics and Text Mining Modeling Using Python**, NPTEL, Jul-Sep-19.

12. **NAAC Revised Accreditation Framework and OBE Assessment Methodology**, Dr. N.G.P. Arts and Science College, 27-May-20 to 02-Jun-19.

13. **Neural networks & Deep learning,** DBT Star College Scheme, Sri Ramakrishna College of Arts & Science, Coimbatore, 16-Mar-20.

14. **Applications of Data Analytics in Data Science,** National College (Autonomous), Trichy, 21 & 22-May-2020.

15. **Image Processing towards Data science,** Meenakshi College of Engineering, Department of CSE, Chennai, 6- Jul to 10-Jul-20.

16. **Emerging Trends in Ethical Hacking & Cyber Security,** Hindusthan Institute of Technology, Department of CSE, 6-Jul-2020 to 10-Jul-2020.

17. **Research Methodology: Tools and Techniques**", Trinity College of Professional Studies, New Delhi from 16-Mar-21 to 20-Mar-21.

18. **Research Methodology and Pedagogy for Tertiary Education**, IQAC, Dr.N.G.P. Arts and Science College, 15-Jun-21 to 21-Jun-21.

Invited Speaker / Session Chair / Member Organizing Committee - Conference / Seminar / Workshop

1. Organizing Secretary, State Level Faculty Development Programme on Business Analytics & Tools for Big Data, RVS College of Arts and Science, Coimbatore, 17-Nov -16.

2. Active reviewer, International Journal of Advance Research and Innovative Ideas in Education (IJARIIE), Mar-15.

3. Resource person, Guest Lecture on OOPS, Sri Ramakrishna College of Arts and Science, Coimbatore, 04-Oct-19.

4. Committee Member, Alumni Reunion 2020, Dr.N.G.P. Arts and Science College, 26-Jan-20.

5. Chair person, International Conference on Research Trends in Computing Technologies (ICRTCT 2020), Dr.N.G.P. Arts and Science College, 28-Feb-20.

6. Technical Committee Member- SOUVENIR, International Conference on Research Trends in Computing Technologies (ICRTCT 2020), 28-Feb-20 and 29-Feb-20.

7. Staff Co-ordinator, National Level Technical Symposium, Cyber Dynerz Association - (CYBERTRON 2020), Dr.N.G.P. Arts and Science College, 05-Mar-20.

8. Resource person, Guest Lecture for BigData Big insight Club on XML, JSON, CSV Data Formats - What does the Future look like? , Dr.N.G.P. Arts and Science College,23-Jan-21.

9. Python Programming- Subject Matter Expert (Handling Certificate Course and Diploma Courses

provided by Central Board of Training | National Council of Vocational and Research Training, New Delhi at College Level, 2019.

10. Guest Speaker, "FDP on Research Methodology: Tools and Techniques" @ Trinity College of Professional Studies, New Delhi, Topic: Identification of Research Problem & Use of Tools like Mendeley, Ginger for Research Documentation, , 16-Mar-2021 & 20-Mar-2021.

11. Guest Speaker, One Week International Workshop on Recent Advancement on Electronics and Computer Intelligence. (RAECI -2021)), (Online) and organized by the Department of Electronics and CSE&A, Sambalpur University Institute of Information Technology (SUIIT), Burla , Odisha, INDIA. Topic: Built-in Data Structure and Data Visualization using Python, 26- to 30-04-21.

12. Resource person, Guest Lecture for PSG CAS INSTITUTIONAL INNOVATION COUNCIL on ONLINE BUSINESS IDEAS@PSG College of Arts and Science by 02-07-21.

13. Resource person, to deliver an Expert talk for One-week National Level Online Faculty Development Programme on Emerging Trends in Data Science (online) organized by Department of Computer Applications, Sri Ramakrishna College of Arts & Science, Coimbatore, 24-08-21.

14. Resource person, for one day workshop on "Data Analysis using Python" for Department of Information Technology, Sri Ramakrishna College of Arts and Science, Coimbatore, 02-11-21.

15. Resource person, for a webinar,on "Python for Data Science" for Information Technology and Computer Technology, V L Balakrishna Janakiammal College Of Arts & Science, Coimbatore, 16-02-22.

16. Resource person, for a webinar on "Introduction to Python", for Department of Computer Science, Sona College of Arts and Science, Salem, 04-03-22.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
IAENG Society of Artificial Intelligence, Computer Science, Society of Data Mining	Life-time	-
International Association of Computer Science and Information Technology	Associate Member	-
Institute of Research Engineers and Doctors[IRED]	Associate Member	-

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Faculty Excellence Award	RVS College of Arts and Science College, Coimbatore.	17-Oct-14
Best Paper Award	Bharathiar University	6-Mar-14
Achiever – NPTEL	Dr.N.G.P Arts and Science College, Coimbatore.	26-Feb-20
Best Work paper	Dr.N.G.P Arts and Science College, Coimbatore	12-May-22