PROFILE

Name   : **Dr A. ANTONY PRAKASH**

Education Qualification   : MSc, MPhil, M.Tech (CSE), PhD

Department & College   : Assistant Professor,

 Department of Information Technology,

 St. Joseph's College (Autonomous)

 Tiruchirappalli – 620 002.

Years of Experiences   : **14 Years**

Areas of Specialization: Python, Big Data Analytics, Mathematical Foundation

EDUCATION QUALIFICATION

S: No	Degree	Subject	Year of Completion	Name of the college/ University
1.	SSLC	-	2000	St. Joseph's Hr. Sec. School, Trichy.
2.	HSC	Maths	2002	St. Joseph's Hr. Sec. School, Trichy.
3.	UG	Mathematics	2005	St. Joseph's college, Trichy.
4.	PG	Computer Science	2007	Urumu Dhanalakshmi College, Trichy.
5.	M.Phil	Computer Science	2011	St. Joseph's college, Trichy.
6.	M.Tech	Computer Science and Engineering	2014	Prist University, Trichy.
7.	Ph.D.	Computer Science	2020	St. Joseph's college, Trichy.

BOOKS PUBLISHED

S. No.	Name of the Books	Publisher	ISBN
1.	HTML and CSS	Nex Gen Publication, India	978-81-19477-17-3
2.	PHP and MySQL	OmniScriptum S.R.L., UK	978-620-6-76919-4
3.	Discrete Mathematics for computer science	OmniScriptum S.R.L., UK	978-3-639-76984-5
4.	Compiler Design	OmniScriptum S.R.L., UK	978-3-639-70104-3

CHAPTER PUBLISHED

S. No.	Name of the Chapters	Publisher	ISBN
1.	Discrete Mathematics	AkiNik Publications, New Delhi, India.	978-93-5570-934-9
2.	Big Data Applications	AkiNik Publications, New Delhi, India.	978-93-5570-934-9
3.	Convergence of Business and Technology	Beyond Line Publisher, Bangalore, India	978-93-95659-55-0
4.	Emerging Innovations and Applications in Computer Science, Statistics and Data Science	Beyond Line Publisher, Bangalore, India	978-93-95659-93-2

PATENT

S. No.	DoA	Application Number	Title	Country	Status
1.	2024-12-09	6408845	Wearable Health Monitor Device	UK	Granted
2.	2025-01-24	202511006233	Big Data Framework for Predicting Infectious Diseases to improve Healthcare by Discovering new Symptom Patterns	Indian	Applied
3.	2025-02-13	202521012106	Efficient Resource Allocation and Task Scheduling in a Cloud Computing Environment using Swarm Intelligence"	Indian	Applied

MOOC COURSES

S. No.	Title	Name of the platform	Date	Duration
1.	100 days of code: The complete python pro bootcamp for 2023	UDEMY	2023	100 DAYS
2.	The Complete 2024 web Development Bootcamp	UDEMY	2024	62 Hours
3.	Artificial Intelligence and ChatGPT for Beginners	UDEMY	2025	-

AWARDS RECEIVED

S. No.	Name of the Award	Awarded by	Date
1.	Certificate of Reviewing	CIPR 2024	2024-01-17
2.	Excellent Author	National Excellence Achievers Award Welred foundation, Delhi	2024-01-20

3.	Best Research Award	Inspire Softech Solutions, Chennai	2024-12-06

Journal / Articles Published: (Attach the list using the format given below) – 24 articles

1. Dr.A.Antony prakash, "The Transformative Impact of Big Data and Ai on Industries and Society", **International Journal of Progressive Research in Engineering Management and Science**, ISSNO: 2583-1062, Volume Number: 05, 2025 (UGC approved).

2. Dr.A.Antony prakash, "Machine Learning Techniques for the Prognosis of Liver Disease", **International Journal of Creative Research Thoughts**, ISSNO: 2320-2882, Volume Number: 12, 2024 (UGC approved).

3. Dr.A.Antony prakash, "Pre-Processing Techniques for Preparing Clean and High-Quality Data for Diabetes Prediction", **International Journal of Research Publication and Reviews**, ISSNO: 2582-7421, Volume Number: 5, 2024 (UGC approved).

4. Dr.A.Antony prakash, "Impact of Big Data Analytics in Recent Trends", **International Journal of Science and Research**", ISSNO: 2319-7064, Volume Number: 13, 2024 (UGC approved).

5. Dr.A.Antony prakash, "Big Data Security: Biggest Challenges, Analytics and Use cases**", International Journal of Scientific Research in Computer Science and Engineering,** ISSNO: 2320-7639, Volume Number: 12, 2024 (UGC approved).

6. Dr.A.Antony prakash, "Security Process in Hadoop Using Diverse Approach", **International Journal of Scientific Research in Computer Science, Engineering and Information Technology,** ISSNO: 2456-3307, Volume Number: 10, 2023 (UGC approved).

7. A. Antony Prakash and KU.Aunranjana Lakra, "A Concept of Blockchain parameters and challenges", **IJSRCSAMS,** ISSNO: 2319 -1953, Volume Number: 8, 2019.

8. A. Antony Prakash and Dr. A. Aloysius, "A Novel Hadoop Map Reduce Paradigm Using An Effective Epca Approach", **Journal of Analysis and Computation,** ISSNO: 0973-2861, Volume Number: XIII, 2019 **(Scopus).**

9. A. Antony Prakash and Dr. A. Aloysius, "Data Security On Hadoop Distributed File System Using Rsa Encryption", **International Journal Of Research And Analytical Reviews,** ISSNO: 2348-1269, Volume Number: 6, 2019 (UGC approved).

10. A. Antony Prakash and Dr. A. Aloysius, "Architecture Design For Hadoop No-sql and Hive", **International Journal of Scientific Research in Computer Science, Engineering and Information Technology,** ISSNO: 2456-3307, Volume Number: 3, 2018 (UGC approved).

11. A. Antony Prakash and Dr. A. Aloysius, "An Overwhelming Caching and Secure File Storage Mechanism for Accomplishing Cache Over Flow", **Indian Journal of Pure and Applied Mathematics,** ISSNO: 2613-2620, Volume Number: 118, 2018 **(Scopus).**

12. A. Antony Prakash and Dr. A. Aloysius, "Performance Enhancement Algorithms For Data Reduction in Hadoop Environment", **Indian Journal of Pure and Applied Mathematics**, ISSNO: 2613-2620, Volume Number: 119, 2018 **(Scopus).**

PAPERS PRESENTED IN CONFERENCES

S. No.	Title of the Paper	Name of the Institution	Name of the Conference	National / International
1.	An Overwhelming Caching and Secure File Storage Mechanism for Accomplishing Cache Over Flow	Kalasalingam Academy of Research and Education Deemed University, Krishnankoil	ICASET 18	International
2.	Data pre-processing techniques for preparing clean and quality data for predicting diabetes	Loyola college Chennai	ICRRACS -2023	International

E-LESSONS DEVELOPED:

S. No.	Title of the e-lessons	Students
1.	Compiler – Code optimization	PG
2.	Compiler - Parsing	PG
3.	Introduction to Big data	PG
4.	Introduction to python pandas for data analytics	UG
5.	Mathematical logics	PG

Acted as Resource Person

S. No.	Title of the Talk	Type of Programme	Title of the Seminar/Conf/WS	Institution & Place
1.	Conference Chair	International Conference	Second International Conference and Awards on Arts and Science (ICA2M2TES 2.0)	Inspire softech Solutions, Chennai.
2.	Coding for Beginners	Conference	Certification Course St. Josephs college	St. Joseph's college Trichy.
3.	Workshop series	Workshop	Enhancing Numeric Ability for Competitive Exam, St. Josephs college	St. Joseph's college Trichy.
4.	Data Science Open source Language	International Workshop	Seminar	Bharathidasan University ,Trichy.
5.	Big data Analytics and tools	Workshop	Seminar	Hollycross college, Trichy.

CONFERENCE/SEMINAR/WORKSHOP/ TRAINING PROGRAMME ATTENDED – ACADEMIC & GENERAL:

(Last 4 years)

S. No.	Type of Programme (RC, OP, FDP, STC, etc)	Name of the Course / Degree/ Training	Name and Address of the University / Organisation	Date (From - To)/Month & Year	Nature (IN/N/R)	No Of Days
1.	Seminar	Recent trends in information technology: An industry perspective	St. Joseph's college Trichy.	2025-02-07	IN	1
2.	Workshop	Transforming data into Action: Web analytics with GA4	St. Joseph's college Trichy.	2025-01-27	N	1
3.	Workshop	Online Workshop on Data Analytics & AI	Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut.	2024-06-15	IN	1
4.	Workshop	AICET Approval Process	Anna University - AICTE.	2024-01-01	IN	1
5.	Workshop	Intricacies of writing for Research publications and projects	IQAC- St. Joseph's college Trichy.	2023-10-27	N	1
6.	Workshop	CCNA	AllPro Training Chennai.	2023-08-19	N	1
7.	FDP	Innovative Techniques in Artificial Intelligence and Deep Learning	Holly Cross college, Trichy.	2023-08-07	N	1
8.	Workshop	Cloud Analytics and Hadoop	St. Joseph's college Trichy.	2023-07-28	N	2
9.	Seminar	Orientation program for the teaching faculty	St. Joseph's college Trichy.	2023-06-16	N	2
10.	Seminar	Emerging Technological Revolution	St. Joseph's college Trichy.	2022-04-29	IN	2
11.	FDP	one week National Online Faculty Development Programme on Multi-Technology	Chrisitian College of Engineering and Technology in collaboration with Brain O Vision solution, Chennai.	2021-06-28 To 2021-07-03	N	7
12.	FDP	Hands on FDP: Data science using python	Jeppiaar Institute of Technology, Sriperumbudur, Chennai.	2020-05-18 To 2020-05-22	N	5
13.	Refresher course	Internet of Things & its Applications - AICTE Training And Learning (ATAL) Academy	Amity School of Engineering & Technology, Amity University, Gwalior.	2021-05-26 To 2021-05-30	N	5
14.	Seminar	Internet of things and its application	AICTE Delhi.	2021-05-26 To	IN	5

				2021-05-30		
15.	FDP	Inculsive procedure and processes in Assessment and Accreditation by NAAC	St. Joseph's college Trichy.	2020-06-30 To 2020-07-04	N	5
16.	FDP	Integrated Data Analytics - the Tools and Applications around Industry Verticals - AICTE Training And Learning (ATAL) Academy	Holy Cross College(Autonomous) Trichy.	2021-07-05 To 2022-07-09	N	5
17.	Seminar	Big Data Analytics with MongoDB - Online Course	St. Joseph's college Trichy.	2021-06-29	N	5
18.	Refresher course	Big data Analytics	Hindustan Institute of technology and science in association with DST, Government of India.	2016-03-14	N	10
19.	Workshop	Workshop-Predictive Analytics	St. Joseph's college Trichy.	2021-12-20	N	1

Other Honors / Achievements/ Responsibilities:

1. MQC Member (2018 -2022)

2. Placement In-charge (2016 – till date)

3. President of department (2016)

4. Completed MTech Computer Science and Engineering (2014)

5. Completed Ph.D. (2020).

6. Act as a Conference Chair in International Conference

Residential Address: 3/960, Annai Cottage, Indhira Gandhi nagar,

Kattur, Trichy-19.

Mobile Number   **:** 9894211464

Email   **:** aantonyprakash@gmail.com,

antonyprakash_it2@mail.sjctni.edu

Declaration

I declare that the information furnished above is true to best of my knowledge.

Date: (Dr.A. ANTONY PRAKASH)