

NAME	Mr. R. JAYAPRAKASH
DESIGNATION	Asst.Professor
DOB	08.1.1989
ADDRESS	14,Venkatasapuram ,PN Road,Tirupur-2
EMAIL	jpinfosoft@gmail.com
PHONE	9940711234
EDUCATIONAL QUALIFICATION	MCA., M.Phil., (Ph.D)
TEACHING EXPERIENCE	05
AREA OF INTEREST	Advanced Networking
RESEARCH GUIDANCE (M.PHIL / Ph. D)	NIL
SEMINAR , WORKSHOP, CONFERENCE ATTENDED	11
FACULTY DEVELOPMENT PROGRAMME ATTENDED	06
PAPERS PRESENTED	14
PAPERS PUBLISHED IN JOURNALS	07
BOOKS PUBLISHED	01

Seminars/Conferences/Workshops Participated:

- On 12.06.2014 and 13.06.2014, attended two days workshop on “**Quality Enrichment & Various Elements Pursued in Teaching for New College Teachers**”.
- On 11.08.2014 attended a one day workshop on “**BIG DATA AND ANDROID**” conducted by Microsoft Research community, Coimbatore.
- On 6.11.2014, attended a faculty orientation programme, “**Art of effective learning process towards leadership**” conducted by Academy for Professional Development, N.G.M College., Pollachi.

- On 20.2.2015, Presented a Paper Entitled as **“Network Security Privacy, Issues and Trust in E-Commerce”** in National Conference On Advanced Computing And Communication Technologies(NCACCT-15) conducted by PG & UG Department of Computer Applications, Department of Computer Science and Department of Information Technology, Vidyasagar college of arts and science, Udumalpet. (ISBN:978-93-82570-50-9)
- On 04.3.2015 attended a one day program for placement Officers meeting and the **programme of Spoken-Tutorial, IIT Bombay** conducted by Dept of Extension and Career Guidance, Bharathiar University ,Coimbatore.
- On 12.07.2015, attended a one day workshop on **“WEB TECHNOLOGY”** conducted by KALVI-Higher Education & Research Institute, Pollachi.
- On 27.7.2015 and 28.7.2015, attended a two day seminar on **“MOBILE COMPUTING”** conducted by Hindusthan College of arts and science, Coimbatore & sponsored by Tamilnadu State Council for Higher Education (TSCHE).
- On 28th July 2015, published a paper entitled **“RIP, OSPF, EIGRP ROUTING PROTOCOLS”** in the International Journal of Research in Computer Applications and Robotics (IJRCAR), Vol 3, Issue 7, 2015. (ISSN:2320-7345)
- On 16th December 2015, attended a workshop and product Launch on **“Internet of Things”** (IoT) conducted by R K InfoTech Solutions, Coimbatore and PTC Business Academy.
- On 8th January 2016, visited ACE COMPONENTS, Mysore as Industrial Visit.
- On 11.2.2016, Presented a Paper Entitled as **“EXTERIOR GATEWAY PROTOCOL”** in International Conference On Advances in Information Technology & Networking (ICATN-16) conducted by School of Information Technology and Science, Dr.G.R.Damodaran College of science, Coimbatore.

- On 18.2.2016, attended a one day International seminar on **“RESEARCH PERFORMANCE ANALYSIS AND STRATEGY”** conducted by Bharathiar University, Coimbatore.
- On 22.2.2016, Presented a Paper Entitled as **“LASER COMMUNICATION IN SPACE”** in National Conference On Advanced Computing And Communication Technologies(NCACCT-16) conducted by PG & UG Department of Computer Applications, Department of Computer Science and Department of Information Technology, Vidyasagar college of arts and science, Udumalpet. (ISBN:978-93-82570-73-8)
- Attended 12 days training programme on **“Personality Development”** from 9.8.2016 to 26.8.2016 organized by Human Excellence Department NGM College, Pollachi.
- On 11.8.2016, organized a **“QUIZ COMPETITION”** for hostellers (RSM BOYS HOSTEL) on view of 70th Independence Day Celebrations Conducted by Equal Opportunity Center and RSM Boys Hostel, NGM College.
- On 11.08.2016, participated in Mini-Marathon on behalf of “70th Independence Day Celebration”, conducted by Department of Physical Education, N. G. M. College.
- On 16th August 2016, published a paper entitled as **“An Improved Real Anonymous Protected Routing (RAPR) for MANETs in Wireless Networks”** in the International Journal of Innovative Research In Computer and Communication Engineering (IJIRCCE), Vol 4, Issue 8, 2016. (ISSN:2320-9801)
- On 3rd and 4th Oct 2016, participated in a two days workshop on **“Android Application Development”**, Conducted by Department of Computer Technology, N.G.M College, and Pollachi jointly organized with ACE Technologies, Tirupur.
- On 07th October 2016, published a paper entitled as **“Dynamic Non-Linear Authenticator Protocol (DNAP) for MANETS”** in the International Journal of

Advanced Research In Computer and Communication Engineering (**IJARCCE**), Vol 5, Issue 10, 2016. (**ISSN:2278-1021**)

- On 22nd October 2016, Presented a paper in National Conference entitled as “**A study on Mobile ADHOC Networks (MANETS)** in Advances in Computer Science (**NSACS-2016**), Organized by the Department of Computer Science, **Alagappa University**, Karaikudi.
- Participated in Sakthi Premier League (SPL’16) held between 05th to 13th November at Kumaraguru College of Technology, Coimbatore.
- On 7th November 2016, submitted M.phil Dissertation to Bharathiar University, Coimbatore.
- On 2nd December 2016, Organized a Red Ribbon Club (RRC) Programme “**Awareness towards AIDS**” Rally with **350 Students** and **10 Staff Members**.
- Attended 30 days training programme on “**Margazhi utsavam**” from 16.12.2016 to 13.1.2017 organized by Tamil Department NGM College, Pollachi.
- On 21.1.2017 Participated in SIICAA Tournaments and won the RUNNER Trophy in Badminton.
- On 30.1.2017 Completed M.Phil Viva-Voce entitled as “**An Optimal Dynamic Non-Linear Authentication Algorithm using path detection protocol in wireless mobile ad hoc networks**” at Nandha Arts and Science College, Erode. (Status- Commended).
- On 23.2.2017, Presented a Paper Entitled as “**High speed Networking Protocols**” in National Conference on Emerging Trends in Computing and Communication (NCC-17) conducted by Department of Computer Science, Karpagam University, Coimbatore.

- On 23.2.2017, Presented a Paper Entitled as **“A Cram on Mobile Ad hoc Network (MANET)”** in National Conference On Recent Advancement in Information and Computer Technology (NCRAICT-17) conducted by Department of Information and Computer Technology, V.L.B Janakiammal college of arts and science, Coimbatore. (ISBN:978-93-80461-18-2)
- On 24.2.2017, Presented a Paper Entitled as **“The Internet of Things (IoT): A View”** in National Conference on Innovative Computational Techniques (NCICT’ 17) conducted by Department of Computer Science, PSG college of arts and science, Coimbatore. (ISBN:978-1-64007-941-0)
- Attended 3Days (24.2.2017 - 26.2.2017) Zonal level orientation Programme for Youth Red Cross Programmer Officer conducted by Indian Red cross Society (IRC), TamilNadu Branch and Youth Red cross (YRC) wing Bharathiar University, Coimbatore.
- On 9th and 10th March 2017, participated in a two days workshop on **“Big Data Analytics”**, Conducted by Department of Computer Technology and Information Technology, N.G.M College in association with Innovative Dynamic Technologies, Coimbatore.
- On 10th and 11th July 2017, participated in a two days Faculty Development Programme on **“Internet of Things (IoT)”**, Conducted by Department of Extension & Career Guidance, Bharathiar University and UTL Technologies Ltd, Bangalore.
- On 24th Aug 2017, attended a “National Colloquium on Contemporary Trends in Big data Analytics” organized by UG Department of Computer Applications, N. G. M. College, Pollachi.
- On 22.9.2017, Presented a paper in National Conference on Green Computing entitled as **“A study on Transmission Control Protocol (TCP)”**, Organized by the Department of Computer Science (Aided), NGM College, Pollachi.
- On 4.12.2017, organized an event of Red Ribbon Club (RRC) Programme **“Awareness towards AIDS”** Rally with **350 Students** and **10 Staff Members**.

- On 26th December 2017, published a paper entitled as “**Routing Protocols and Privacy Preserving Cluster based Protocols In Wireless Networks: A Technical Review**” in the International Journal of Advanced Research In Computer and Communication Engineering (IJARSE), Vol 6, Issue 12, 2017. (ISSN:2319-8354) [UGC Referred Journal].
- On 21.2.2018, Participated in National Seminar on “**Social Platforms**” conducted by Department of Computer Science, Sree Saraswathi Thyagaraja College, Pollachi.
- On 18.6.2018, presented an Orientation programme to the Fresher’s About Red Ribbon Club Activities in Bridge course, Organized by Department of English Literature, NGM College, Pollachi.
- On 27.7.2018, conducted an Extension Activity on topic of “Classroom Vs. E- Learning” to Students and Staff Members of Govt. Middle School, Vakkampalayam.
- On 27.7.2018, conducted a Red Ribbon Club Extension Activity on topic of “Importance of Blood Donation” to Students and Staff Members of Govt. Middle School, Vakkampalayam.
- On 21.5.2018 and 22.5.2018, Presented a paper in DRDO, SERB and CSI Sponsored International Conference on Information Security Risks – Techno Legal Management (TeLMISR-2018) entitled as “**CBPPRS: Cluster Based Privacy Preserving Routing Selection in Wireless Networks**”, Organized by Vivekananda school of Information Technology, Delhi.
- On 20th July 2018, Published a paper entitled as “ **CBPPRS: Cluster Based Privacy Preserving Routing Selection in Wireless Networks**”, in the International Journal of Advanced Engineering & Technology (IJET), UAE, Vol 7, No.3.12 Issue 12, 2018. PP: 439-443. DOI: 10.14419/ijet.v7i3.12.16125 [SCOPUS INDEXED]. ISSN: 2227-524X.
- On 15.11.2018 and 16.11.2018, Presented a paper in IFERP Sponsored International Conference on Recent Trends in Automation (ICRTA-2018) entitled as “**LBCPR: Load**

Balancing Cluster Based Privacy Routing in Wireless Networks", Organized by Vasireddy Venkatadri Institute of Technology (VVIT), Andhra Pradesh.

- On 08.2.2019, conducted an Extension Activity on topic of “Digital Learning” to Students and Staff Members of Panchayat Union Middle School, Kilavanpudur.
- On 28.2.2019, participated in one day workshop on “**Python Programming**” conducted by Department of Computer Technology, NGM College, and Pollachi.
- On 19th April 2019, Published a paper entitled as “**Load Harmonizing Architectural Design Scheme for CBPR Networks**”, in the International Journal of Recent Technology & Engineering (**IJRTE**), Vol 7, Issue 6S, 2019. PP: 998-1004. ISSN: 2277-3878. [**SCOPUS INDEXED**].
DOI: <https://www.ijrte.org/wp-content/uploads/papers/v7i6s/F04030376S19.pdf>
- On 26.4.2019 and 27.4.19, Presented a paper in International Conference “Advances in Electrical and Computer Technologies (ICAECT-2019)” entitled as “**DLBPS: Dynamic Load Balancing Privacy Path Selection Routing in Wireless Networking**”, Organized by SVS College of Engineering, Coimbatore.
- On 12.6.2019, Participated in 3 Days - Faculty Development Programme on “**Recent Trends in Higher Education in Science and Humanities to Rural Students**” held from 12.6.2019 to 14.6.2019 organized by Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.
- On 06.9.2019, conducted an Extension Activity on topic of “Computer Based Early Reading Programme” to Students and Staff Members of Govt. High School, S. Malaiyandipattinam.
- On 06.9.2019, conducted an Extension Activity on topic of “HIV & AIDS Awareness” to Students and Staff Members of Govt. High School, S. Malaiyandipattinam.
- On 09.8.2019 and 10.8.19, Presented a paper in International Conference on Recent Challenges in Engineering And Technology entitled as “**A Trusted Key Management Protocol (TKMP) for Based Wireless Networks**”, Organized by Institute for Engineering Research and Publications, Bangalore. [ISBN: 978-93-89107-28-9].

- On September 2019, Published a Book entitled as “**A Complete Guide for Cluster Based Network**”. [ISBN: 978-620-0-27827-2] - Publisher: LAP LAMBERT Academic Publishing Company, Mauritius.