

George Gabriel Richard Roy



About Me



March 25, 1985



Trichy, Tamil Nadu



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Assistant Professor

- Proficient in developing new lessons and activities to expand learning opportunities.
- Extensive participation on committees and extra-curricular activities.
- Excellent knowledge of the subject and also has great practical knowledge.
- Proficient in giving conceptual knowledge
- Extensive experience in organizing conferences and seminars
- Proficient in developing skills in students and provide them a growing path



Education

Bachelor of Computer Applications, Computer Applications

Jamal Mohamed College	Graduated, May 2005
Bharathidasan University	61%
Tiruchirappalli, Tamil Nadu	

Master of Computer Applications, Computer Applications

Bishop Heber College	Graduated, May 2008
Bharathidasan University	76%
Tiruchirappalli, Tamil Nadu	

Master of Philosophy, Computer Science

PRIST University	Graduated, November 2010
Chennai, Tamil Nadu	66%

Doctor of Philosophy, Computer Science (IoT with Blockchain)

Bharathidasan University	Graduated, November 2020
Tiruchirappalli, Tamil Nadu	



Work Experience

June 2011 – June 2023

Assistant Professor, Department of Information Technology

St. Joseph's College (Autonomous)
Tiruchirappalli, Tamil Nadu

June 2023 - Current

Assistant Professor, Department of Computer Science
St. Joseph's College (Autonomous)
Tiruchirappalli, Tamil Nadu



Training and Certifications

- Soft Skills Trainer, JASS, St. Joseph's College (Autonomous), Tiruchirappalli, 2012
- Edmodo Certified Trainer – Online/Hybrid Classrooms



Skills

- Soft Skills Trainer
- Team oriented and result driven
- Good communication skills
- Good interpersonal skills
- Ability to quickly adapt to new technology



Computer Proficiency

Software

- Photoshop, Illustrator, Affinity Photo/Publisher
- Swish Max (Deprecated)
- Microsoft Office
- Microsoft Visio



Technical Skills

Operating Systems

- Mac OS
- Linux
- Windows 10
- Android

Database

- SQL

Hardware

- Assembling and Maintenance

Web Components

- CSS 3
- HTML 5



Languages

- English ●●●●
- Tamil ●●●●



Career Highlights

- Was key in framing and modifying Under Graduate and Post Graduate syllabi
- Member of the College IQAC Committee, St. Joseph's College (Autonomous), Trichy
- Official Public Address Announcer, St. Joseph's College (Autonomous), Trichy
- Member of Joseph Academy of Soft Skills, St. Joseph's College (Autonomous), Trichy
- Coordinator, Department of B. Voc. Software Development and System Administration, St. Joseph's College (Autonomous), Trichy
- LMS Coordinator, Joseph's Technology Enhanced Learning (JosTEL), St. Joseph's College (Autonomous), Trichy



Interests

- Reading and Writing articles
- Counselling
- Digital Art
- Singing



Projects

- | | |
|------------------|---|
| Project 1 | Lobby Management System |
| Period: | December 2007 - March 2008 |
| Platform Used: | Visual Studio 2008, MS SQL Server 2000 |
| Project Type: | Post Graduation Qualifying Project |
| Project 2 | After Market Car Accessories |
| Period: | December 2004 - March 2005 |
| Platform Used: | Visual Basic 6.0, MS Access |
| Project Type: | Under Graduate Qualifying Project |
| Project 3 | Bishop Heber College Dept. of Computer science |
| Period: | August 2007 - October 2007 |
| Tools Used: | Swish Max |
| Project Type: | Dept. Profile |
| Project 4 | CD-Site for International workshop for Educators on Mobile Learning |
| Period: | June 2007 - November 2007 |
| Platform Used: | HTML |
| Tools Used: | Swish Max |
| Project Type: | Offline Web Site on a Compact Disc |
| Project 5 | Wordup: Word Game for BootFete 2k7 |
| Period: | February 2007 - March 2007 |
| Tools Used: | Swish Max |
| Project Type: | Game |



Key Responsibilities Handled

- Employ differentiated teaching methods, incorporating, audio and visual activities to address all learning styles.
- Provide individualized instruction to keep all students at expected skill level
- Using Learning Management Systems to administer, document, tracking and grade student progress

- Meet with parents to discuss progress and address behaviour or mastery issues
- Meeting with students and helping them in solving their problems.
- In touch with the latest technological advances.
- Have attended Seminars, Conferences and Workshops in various levels
- Have been invited as Resource Person for Seminars and Invited Talks



Publications

- *An Association between Trait Emotional Intelligence and Personality Trait based on Students Performance*, CIIT, 2012
- *A Cloud Model for Effective E-Learning*, IEEE-CPS, 2014
- *Security analysis of future Enterprise Business Intelligence*, IEEE-CPS, 2014
- *Security Issues in Internet of Things using Next Generation Mobile Networks*, IJAER, 2015
- *An Overview of Threats and Challenges in Smart Wi-Fi Ad-Hoc Networks*, IJRASET, 2018
- *Recent Trends and Issues of the Intercloud and Dependable Storage*, JETIR, 2018
- *A Survey on Threats and Challenges in Blue Eyes Technology*, JETIR, 2018
- *An Architecture to Enable Secure Firmware Updates on a Distributed-Trust IoT Network Using Blockchain*, Springerlink, 2018
- *A Security Architecture for a Smart Home Ecosystem using Permissioned Blockchain*, IJRAR, 2019
- *A Security Framework for a Sustainable Smart Home Ecosystem using Permissioned Blockchain*, JETIR 2019

Patents

- *Machine Learning Based Fully Automated Brain Tumor Detection and Classification System*, #202341017944, India, 2023

Declaration

I, George Gabriel Richard Roy, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

George Gabriel Richard Roy