

SREE SANKARA VIDYAPEETOM COLLEGE,  
VALAYANCHIRANGARA  
PERUMBAVOOR  
PIN - 683556

**FACULTY PROFILE**  
**of**  
**Dr. Manusankar C**  
**as on**  
**16/10/2022**



## GENERAL INFORMATION

1. Name of the Faculty : Dr. Manusankar C
2. Department : PG Department of Computer Science
3. Designation : Assistant Professor
4. Date of joining service : 03/01/2012
5. Date of birth : 29/01/1987
6. Date of Retirement : 31/03/2043
7. Remaining service : 20 years
8. Date of commencement of P.G : 31/03/2021
9. Sex : Male
10. Marital status : Married
11. Phone Number : 9446304150
12. Mail ID : manusankarc@ssvcollege.ac.i
13. Residential address : Chelamattathu Illam,  
Mattoor, Kalady P.O.  
Ernakulam
14. Blood Group : A+

## II ACADEMIC QUALIFICATION

Sl.No	Exam Passed	Board/University	Specialisation	Year	Division/Grade Merit etc
1	SSLC	Kerala State Board of Public Examinations		2002	First Class
2	Plus Two	Kerala State Board of Public Examinations		2004	First Class
3	B.Tech.	Mahatma Gandhi University, Kottayam	Computer Science & Engineering	2008	Second Class
4	M.E	Anna University, Coimbatore	Computer Science & Engineering	2011	First Class with Distinction
5	M.B.A	Bharathiar University	Information System Management	2013	First Class
6	Ph.D.	Mahatma Gandhi University,	Computer Science	2019	

		Kottayam			
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### III. TEACHING EXPERIENCE

Sl No	Name of the Institution	Designation	From	To	Remarks
1	Sree Sankara Vidyapeetom College	Assistant Professor	03/01/2012	Continuing	Assistant Professor in-charge of HoD from 14/03/2017 onwards

### IV: RESEARCH AND DEVELOPMENT ACTIVITIES

#### Details of International/National/State level Seminars /workshops/conferences attended

1. Workshop on Ethical Hacking Conducted by Mr. Ankit Fadia as a part of aBaCUS, Anna University Chennai, March 2010
2. Workshop on WEB 2.0 Conducted by IBM as a part of aBaCUS, Anna University Chennai March 2010
3. Workshop on Animation Conducted by ARENA Multimedia as a part of aBaCUS, Anna University Chennai March 2010
4. Workshop on Free Open Source Software Conducted by Kumaraguru College of Technology April 2010.
5. Seminar on Cloud Computing conducted at SNS College of Technology March 2010.
6. Lecture on “Free Software and your Freedom” by Richard M Stallman at St. Joseph College of Engineering and Technology, Palai, September 2010
7. Workshop on Information security at International Conference on Information Security (ICIS 2011) held at Adi Shankara Institute of Engineering and Technology, Kalady,Ernakulam during 04-05 March. 2011.
8. International Workshop on Identity: Security, Management & Applications (ID2011) held at Rajagiri School of Engineering and Technology, Kochi, Kerala. July 2011.
9. Second International Workshop on Intelligent Technologies for Counter Terrorism and Security (IT-CoTeS) held at Rajagiri School of Engineering and Technology, Kochi, Kerala. July 2011.
10. Tutorial on Macintosh Forensics- What You Need to Know? held at Rajagiri School of Engineering and Technology, Kochi, Kerala. July 2011
11. Tutorial on Network Forensics: Introduction to Retrospective Network Analysis held at Rajagiri School of Engineering and Technology, Kochi, Kerala. July 2011
12. IBM workshop on HPC organized at PSG College of Technology on 11<sup>th</sup> to 14<sup>th</sup> August 2011.12.
13. Workshop on Parallel Architectures and Programming in HPC organized at PSG College of Technology on 11th to 14th August 2011.
14. Seminar on MATLAB and Simulink for Engineering Education on 24<sup>th</sup> August 2011 at Cochin.
15. 2 day hardware Workshop on SYSTEM LEVEL PROGRAMMING on 15<sup>th</sup> to 16<sup>th</sup> November 2011 at FISAT Angamaly.
16. ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes conducted by Indian Institute of technology Bombay from 5<sup>th</sup> November to 4<sup>th</sup> December 2011.

17. National Seminar on Language Teaching Methodologies in Sanskrit at SSV College Valanchirangara on 19<sup>th</sup> and 20<sup>th</sup> January 2012.
18. ISTE Workshop on Writing Effective Conference Papers conducted by IIT Bombay on 18<sup>th</sup> and 19<sup>th</sup> February 2012.
19. Two day conference for College Principals on Emerging Perspectives in Higher Education” held at Newman College Thodupuzha on 29<sup>th</sup> and 30<sup>th</sup> October 2012
20. FOSS Meet2013 conducted at NIT Calicut from 22<sup>nd</sup> to 24<sup>th</sup> February 2013.
21. Govt. of Kerala Sponsored 3 day workshop on LaTeX and Python Programming from 14<sup>th</sup> to 16<sup>th</sup> February 2013 at government College Kottayam.
22. Two week ISTE workshop on database Management Systems conducted by IIT Bombay from 21<sup>st</sup> to 31<sup>st</sup> May 2013 at FISAT Angamaly.
23. National Workshop on research Methodologies in Computer Science held from 27<sup>th</sup> to 31<sup>st</sup> January 2014, conducted by VRCLC, IIITM-K Thiruvananthapuram.
24. PYTHON Workshop conducted by CSI SB ASIET on 7<sup>th</sup> to 9<sup>th</sup> February 2014 at ASIET Kalady.
25. One day Hands-on workshop on Python organized by Department of Computer Applications Amal Jyothi College of Engineering, Kangirappally held on 27<sup>th</sup> March 2014.
26. Seminar on Swathantra Library Tools at CUSAT from 26<sup>th</sup> to 28<sup>th</sup> September 2014.
- 27.

**Details of Paper presentations in International/National/State level Seminars /workshops/conferences.**

**IEEE PUBLICATION**

1. **Manusankar, C.**; Karthik, S.; Rajendran, T.; “Intrusion Detection System with packet filtering for IP Spoofing “ Communication and Computational Intelligence (INCOCCI), 2010 International Conference on Publication Year: 2010 , Page(s): 563 – 567 [http://ieeexplore.ieee.org/xpl/freeabs\\_all.jsp?arnumber=5738791](http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5738791)
2. C Balasankar, T Sobha, **C Manusankar**, “Multi-level inflection handling stemmer using iterative suffix-stripping for Malayalam language”, 2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2016/9/21 Pages 530-534 <https://ieeexplore.ieee.org/abstract/document/7732100>

**INTERNATIONAL JOURNAL PUBLICATIONS**

1. **Manusankar.C**, Ayyappadas.K, Rajendran.T and Karthik.S, “An improved Behavioral Strategy Based Approach in Combating Threats over Computer Networks”, CiiT International Journal of Networking and Communication Engineering. Print: ISSN 0974 – 9713 & Online: ISSN 0974 – 9616 <http://www.ciiiresearch.org/ncejanuary2011.html>
2. Noora.VT, **Manusankar.C**, Rajendran.T and Karthik.S, “Improved Encryption for Secured Transaction using electronic cards”, CiiT International Journal of Wireless Communication Print: ISSN 0974 – 9756 & online: ISSN 0974 – 9640 <http://www.ciiiresearch.org/wcjanuary2011.html>
3. **Manusankar.C** and Dr. S. Karthik, “SOAP Protocol Based Web Security Improvement”, International Journal of Computer Applications. ISSN: 0975 – 8887 <http://www.ijcaonline.org/proceedings/icvci/number14/2736-1531>

4. **Ayyappadas K., Manusankar C. and Balasankar C, “Implementing Visual Cryptography and Biometrics for improved Stego Image Security”, International Journal of Mobile & Adhoc Network|Vol1|issue 2|Aug 2011 ISSN (Online) 2231–6825 ISSN (Print) 2249-202X**
5. **Manusankar C and Dr.Varghese Paul, “Testing Security Products against next generation malware”, International Journal of Advanced Studies in Computer Science and Engineering(IJASCE) Volume 6 Issue 9, 2017 Online: ISSN : 2278 7917<http://www.ijasce.org/volume-6-theme-based-issue-9/Ransomware.pdf> (UGCApproved)**
6. **Human Right violation on students over the internet: A Data Analytical Study, Prathibha P.H., Bisme., Dr. Prathibha P.H., Dr. Mausankar C.,**
7. **Analytical study on object detection using yolo algorithm., International Journal of Innovative Science and Research Technology(IJISRT)., Dawn Wilson., Mausankar C., Prathibha P.H**
8. **A Data Analytical Survey on School Selection in the Kerala Scenario for Proposing an ML-based Approach for Improvising the Public Sector., International Journal For Multidisciplinary Research ( IJFMR ),, Devika E.,Dr. Mausankar C., Ambili M.S., , Prathibha P.H**
9. **Big data analysis for better military intelligence., International Journal Of Novel Research And Development (IJNRD Eldho Thomas., , Dr. Mausankar C, Dr. Prathibha P.H.**
10. **Preventing from abusing application permissions., International Journal Of Creative Research Thoughts ., Govind Ganesh, Dr. Mausankar C, Dr. Prathibha P.H.**
11. **Analysing the effects of climate change in flora., International Journal for research and Analytical Reviews (IJRAR ., JITHA., Prathibha P.H., Mausankar C**
12. **An analytical study on the effect of weather changes on birds in a machine learning perspective., International Journal of Applied Research Parvathy V G ., Mausankar C .,Sumaja Sasidharan**
13. **Data Analytical Study of Fake News Detection through NLP., International Journal of All Research Education and Scientific Methods (IJARESM ., Sruthi Thomas ., Dr. Mausankar C., Sumaja Sasidharan., Prathibha P.H**
14. **Better Livestock Health Management using Sensors and Livestock., IJEDR., Anandhu**
15. **Data Analytical Study of Injury Reduction in Sports., IRJET., Aswin Manoj., Dr. Mausankar C., Ariya T K. Dr. Prathibha P.H**
16. **Combating Online Addiction Using Data Analytics., IJMER., Amijith Suresh.,Dr. Mausankar C., Asha Anand., Mausankar C., Prathibha P.H.,**

### Full papers in Conference Proceedings:

1. Manusankar.C, Ayyappadas.K, Rajendran.T and Karthik S, "A Strategy Based Approach for Detecting and Removing Threats", National Conference on Emerging Trends in Computing Technologies (NCETCT'10), Karpagam University, October 27-28, 2010 (No Certificate)
2. Noora.V.T, Manusankar.C, Ayyappadas.K and Rajendran.T, "Web Service Security using SOAP Protocol", National Conference on Emerging Trends in Computing Technologies (NCETCT'10), Karpagam University, October 27-28, 2010
3. Ayyappadas K. and Manusankar C., "Enhancing Biometric Template Security Using Visual Cryptography and Biometrics", National Conference on Biometric Technologies (bodhi2011), Viswajyothi College of Engineering & Technology, April 1-2,2011
4. Manusankar C., "WWSS with PDA for monitoring and detection of Heart Attack in real times", National Conference on Computing Paradigms and Bio-Informatics (CPBI 2012), School of Computer Sciences, Mahathma gandhi University Kottayam, 17<sup>th</sup> and 18<sup>th</sup> January 2012.
5. Ayyappadas K., Manikandan V. M., Manusankar C., "A Novel Approach for Multifactor Authentication Using Breathe" , UGC SPONSORED NATIONAL CONFERENCE ON CYBER LAW AND CYBER FORENSICS (NCCLF 13) on 13th and 14th August 2013 at SSV College Valayanchirangara.
6. Manusankar C and Dr.Varghese Paul, "An Improved Mechanism for Antivirus Testing", UGC Sponsored National Conference on Computer Science and its Applications (NCCSA-15), at Prajyothi Niketan College, Pudukad, February 6-7, 2015
7. Anandhu Sajeewan, Dr. Manusankar C, "Better livestock health management using sensors and data analysis, VSACC 2021
8. Dawn Wilson, Dr. Manusankar C, " IoT Connected Autonomous Vehicles " International Conference, VSACC 2021

### Major/Minor projects/ Interdisciplinary Projects/ Industry sponsored Projects/ Projects sponsored by the University/ College/ International Projects

1. MRP (H)-338/12-13/KLMG044/UGC-SWRO KLMG044, "Improved Virtual Test Bed and Testing Strategies for Antivirus and other Security Products for Developing an Open Source Alternative" Funding Sanctioned Rs. 2 lakhs

### V: PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES:

1.Member of any Distinguished Body/ Board of Studies/syndicate member any others please specify

Name	Designation	Specialisation	Year	Remarks
Career Orientation	Subject Expert	Computer Science	2013 Onwards	

<b>Council MG University</b>				
<b>UG BoS, MG University</b>	<b>Member</b>	<b>Computer Applications</b>	<b>2017 - 2021</b>	
<b>PG BoS, MG University</b>	<b>Member</b>	<b>Computer Science</b>	<b>2021 Onwards</b>	

### 2.Extension Lectures/ Invited talk/ chairing the session/subject expert

Name of the programme/Seminar (specify State/National/International )	Name of the institution/College/Centre	Sponsoring agency	Period
<b>FDP Computer Science</b>	<b>Presentation College</b>		<b>2014</b>
<b>NAAC Training</b>	<b>St Mary's College Thuruthipilly</b>		<b>2018</b>
<b>OBE Workshop</b>	<b>Sree Sankara College, Kalady</b>	<b>KSHE</b>	<b>2019</b>
<b>National Conference</b>	<b>St. Pauls Kalamassery</b>	<b>Kerala State</b>	<b>2020</b>

### 3. Details of orientation/ Refresher/ Faculty Development Programmes attended

<b>Title of the professional development programme viz. orientation programme,refresher course,short term course,FDP</b>	<b>Period</b>
UGC Sponsored Orientation Programme at UGC-HRDC, University of Calicut	2012
IIT Spoken tutorial mentor training, IIT Bombay	2013
UGC Sponsored Refresher Course in Computer Science, University of Lucknow	2014
Two Faculty Development Programme on MOOC and E-Content Development organised by IIT Madras	2015
Summer School on Deep Learning organised by Dept.of Computer Application, CUSAT	2019
Two weeks MOOC course on Online Learning and Content Development organised by FLAIR Kerala, Directorate of Collegiate Education Kerala	2020
One week FDP on PHP and MYSQL organised by Spoken Tutorial	2020

Project, IIT Bombay	
Two Week Online Workshop on Comprehensive e-Learning to e-Training guide for Administrative Work	2020
Two Week Faculty Development Programme on MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0	2020
Two Week Faculty Development Programme on RESEARCH METHODOLOGY	2020
One week Faculty Development Program on 'Research Ethics and Plagiarism'	2020
One week Faculty Development Program on 'The Art of Framing Questions- Applying Bloom's Taxonomy',	2021.
One week International Faculty Development Program on 'The Art of Communication: Teaching In Outstanding Novelty'	2021
One week online faculty Development Programme on 'Perspectives of Outcome Based Education in Pedagogy'	2022

#### **VI :Awards and Recognitions**

Name	Agency/Institutions	year	Specialisation	

#### **VII:Programmes Organised**

**11 Programmes organised and 14 international conferences reviewed.**

#### **Other Details**

**1.Clubs and Associations /NSS/NCC/IGNOU/other Schemes/projects**

#### **Recent Achievements:**

*I declare that information provided is true to the best of my knowledge.*

Signature of the Faculty

**Principal**