

## BIODATA



|    |  |  |                 |                           |   |
|----|--|--|-----------------|---------------------------|---|
| 1. | Name with Designation  | SURJITH S, Assistant Professor in ECE,<br>College of Engineering Perumon                               |                 |                           |   |
| 2. | Educational Qualifications   |  |                 |                           |   |
|    | Name of the Examination passed   | Name of University   | Year of passing | Class/grade/<br>Rank etc. | Subject of specialization                 |
|    | a. Graduation  | UNIVERSITY OF KERALA   | 2007            | FIRST CLASS               | ELECTRONICS AND COMMUNICATION ENGINEERING |
|    | b. Post Graduation   | COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY  | 2017            | FIRST RANK                | Opto Electronics and Laser Technology     |
|    | c. PhD (Give details with thesis title and the Guide under whom PhD was undertaken). | APJ Abdul Kalam Technological University   | Undergoing      |                           |   |
|    | d. Diploma in Advanced Embedded Systems  | NeST Cyber Campus  | 2008            | First Class               | Embedded Systems                          |
| 3  | List of publications in approved Journals  | <b>9 numbers ,Details in appendix 1</b>  |                 |                           |   |
| 4  | Teaching Experience/Research Experience  | Teaching Experience: 12 YEARS and 6+ months<br>Research Experience: 2 YEARS and 4+months               |                 |                           |   |
| 5  | Details of externally aided projects implemented                                     | Funding support received from CERD PROCEEDINGS NO : KTU/RESEARCH 2/3895/2018 dated 03/12/2008 SL NO:45 |                 |                           |   |
| 6  | Presentation of paper in National/ International Seminar.                            | <b>8 numbers, Details in Appendix 2</b>  |                 |                           |   |
| 7  | Administrative Responsibilities  | <b>Details in Appendix 3</b>   |                 |                           |   |

| 8 EMPLOYMENT DETAILS  |                                   |                              |   |
|---|-----------------------------------|------------------------------|---|
| Name of Employer  | Date of Joining & date of leaving | Years & Months of experience | Nature of Employment  |
| College of Engineering Perumon (Co operative Academy of Professional Education) | 01/07/2010 to presently working   | 12 Years & 6+ months         | Assistant Professor   |
| KELTRON IT Education Centre   | 01/01/2009 to 14/05/2010          | 1 Year & 4+ months           | Project Assistant(Handling projects on Embedded systems)  |
| System Engineer   | 01/10/2007 to 30/09/2008          | 1 Year                       | System Engineer   |
|   |                                   |                              |   |
| 9.  | Extra Curricular activities       |                              | 1)Camp officer for NSS flood survey program at pathanamthitta district on 2018<br>2)Participated and successfully completed the freedom-70 mini marathon organized by Homi Bhabha National Institute RRCAT on 2016  |
| 10.   | Special honors received           |                              | 1)First Rank (Position) in M.Tech Opto Electronics and Laser Technology.<br>2)Photonics Society of India Award 2017 for securing highest CGPA in M.Tech Opto Electronics and laser Technology.<br>3)Satish John Memorial Award 2017 for the best thesis in M.Tech Opto Electronics and laser Technology.<br>4)Best Paper Award in National Photonics Symposium(NPS) at Cochin University of Science and Technology.<br>5)Chaired the 2nd National Conference on Emerging Trends in Electronics and Communication(NACETEC'19)<br>6) Reviewer for International Conference on Innovations in Science and Technology for Sustainable Development 2022 (Technically sponsored by IEEE)<br>7) Member of Interview panel for the recruitment of Camp Assistant held on College of Engineering Perumon.<br>8) Have a YouTube channel named |

|               |                           |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
|---------------|---------------------------|--|---------------|--|---------------|--------------------------|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|----|
|               |                           | “Electronics Small Tips” mainly for B.Tech students with around 1300 +subscribers and around 216+ videos.  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 11.           | Details of FDP’S attended | <table border="1"> <tr> <td colspan="2">FDPS attended</td> </tr> <tr> <td>Academic year</td> <td>Number of FDP’S attended</td> </tr> <tr> <td>2012-2013</td> <td>5</td> </tr> <tr> <td>2013-2014</td> <td>6</td> </tr> <tr> <td>2017-2018</td> <td>2</td> </tr> <tr> <td>2018-2019</td> <td>3</td> </tr> <tr> <td>2019-2020</td> <td>4</td> </tr> <tr> <td>2020-2021</td> <td>10</td> </tr> </table> <p><b>Details in Appendix 4</b></p> | FDPS attended |  | Academic year | Number of FDP’S attended | 2012-2013 | 5 | 2013-2014 | 6 | 2017-2018 | 2 | 2018-2019 | 3 | 2019-2020 | 4 | 2020-2021 | 10 |
| FDPS attended |                           |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| Academic year | Number of FDP’S attended  |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2012-2013     | 5                         |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2013-2014     | 6                         |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2017-2018     | 2                         |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2018-2019     | 3                         |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2019-2020     | 4                         |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |
| 2020-2021     | 10                        |  |               |  |               |                          |           |   |           |   |           |   |           |   |           |   |           |    |

**APPENDIX I**  
**Research Publications**

| SI. No | Authors (As published in the paper)                                      | Title   | Journal   | ISBN/ISSN number  | Year |
|--------|--|---|---|-------------------|------|
| 1.     | RK Patidar, Surjith S, D Daiya, J Sharma                                 | Numerical Studies on Spectral Shaping using a Quartz filter and its applications in Nd:Glass regenerative Amplifier for Gain Narrowing Compensation | Proceedings of National Photonics Symposium   | 978-93-80095-92-9 | 2017 |
| 2.     | Kumar A, Gupta S, Kulkarni A P, Jain S, Surjith S, Patidar R K           | Laser Shock Wave Experiments in Al\Cu Step Targets  | Proceedings of National Photonics Symposium   | 978-93-80095-92-9 | 2017 |
| 3      | Surjith S, D Daiya, R K Patidar, A S Joshi                               | Effect of the resonator losses on spectral bandwidth of amplified chirped laser pulses in a regenerative amplifier                                  | National Laser Symposium  |                   | 2016 |
| 4      | Surjith S, Remya Elizabeth Philip, Nihad C U, Nithin B G, Arsha Krishnan | Wave guide optic helmet   | International journal of Engineering Science & Research Technology, IJESRT April 10, 2019 | ISSN:2277-9655    | 2019 |
| 5      | Surjith S, Jithin Thankechan, Harinath S, Anjana S, Sumitra S            | Biometric Based Voting System   | International journal of Engineering Science & Research Technology, IJESRT April 10, 2019 | ISSN:2277-9655    | 2019 |

|   |   |   |   |  |      |
|---|---|---|---|--|------|
| 6 | Surjith S,<br>Shemeena<br>M,JintoKunjumon,<br>Nayana U<br>S,Sharuna Shaji   | Floor Cleaning Robot  | International journal<br>of Engineering<br>Science&Research<br>Technology,IJESRT<br>April 10,2019   | ISSN:2277-<br>9655                                 | 2019 |
| 7 | Shemeena M,Jesna<br>K A,Surjith S   | Implementation Of Audio<br>Stenography Using Lsb<br>technique                                 | International journal<br>of Engineering<br>Science&Research<br>Technology,IJESRT<br>April 10,2019   | ISSN:2277-<br>9655                                 | 2019 |
| 8 | Surjith S , Akshaya<br>Mohan, Akhila<br>Alexander , Ayana<br>Mohan          | Face Recognition and Finger<br>Print Based Enhanced<br>Security System for ATM<br>Transaction | International Journal<br>of Innovative<br>Research in Electrical<br>, Electronics,<br>Instrumentation and<br>Control Engineering<br>(IJIREEICE),MARC<br>H,2018, | ISSN 2321-2004                                     | 2018 |
| 9 | Surjith S,Smrithi<br>V,Pooja<br>Jeevan,Akhila<br>Joy,Abisa<br>M,Kalyani M J | Smart Medibox   | IEEE Explore digital<br>conference<br>proceedings   | 978-1-6654-<br>9936-<br>1/22/\$31.00<br>©2022 IEEE | 2022 |

#### APPENDIX II

#### Presentation of paper in National/ International Seminar or conference

| SL NO | Title of paper presented  | Name of seminar/conference  | Place and year of event                             |
|-------|---|---|---|
| 1     | Effect of resonator losses on the spectral bandwidth of amplified chirped laser pulses in a regenerative amplifier                                  | 25 <sup>th</sup> DAE-BRNS National Laser symposium(NLS-25)  | KIIT university Bhubaneswar on 2016                 |
| 2     | Numerical Studies on Spectral Shaping using a Quartz filter and its applications in Nd:Glass regenerative Amplifier for Gain Narrowing Compensation | National Photonics symposium(NPS)   | Cochin university of Science and Technology on 2017 |
| 3     | Face recognition and finger print based enhanced security system for ATM transaction.   | National Conference on Future Technologies in power ,control & Communication systems (NFTPCOS '18)  | College of Engineering Perumon on 2018              |
| 4     | Floor Cleaning Robot  | 2 <sup>nd</sup> national conference on Emerging Trends in Electronics and communication- NACETEC'19 | College of Engineering Perumon on 2019              |
| 5     | Wave guide optic smart helmet   | 2 <sup>nd</sup> national conference on Emerging Trends in Electronics and communication- NACETEC'19 | College of Engineering Perumon on 2019              |
| 6     | Implementation of audio   | 2 <sup>nd</sup> national conference on  | College of Engineering                              |

|   |                               |  |  |
|---|-------------------------------|--|--|
|   | Steganography Technique       | Emerging Trends in Electronics and communication- NACETEC'19   | Perumon on 2019                        |
| 7 | Biometric based voting system | 2 <sup>nd</sup> national conference on Emerging Trends in Electronics and communication- NACETEC'19  | College of Engineering Perumon on 2019 |
| 8 | Smart Medibox                 | Third International Conference on Innovation in Science and Technology for Sustainable Development sponsored by TEQIP-II and technically co-sponsored by IEEE Kerala section | College of Engineering Perumon on 2022 |

**APPENDIX 3**  
**Administrative Responsibilities**

| SL no | Nature of administrative work  | Name of the institution        | Duration   |
|-------|--|--------------------------------|--|
| 1     | Coordinator of Industry Institute Interaction Cell(IIC)  | College of Engineering Perumon | 2017-Till now (5 + Years)                        |
| 2     | Coordinator of PMYUVA Yojana   | College of Engineering Perumon | 2017-2021 (4 Years)                              |
| 3     | Chief Returning Officer-College Union Election   | College of Engineering Perumon | 2017-2021(4 Years)                               |
| 4     | Assistant Camp Officer   | College of Engineering Perumon | 2021-Till now(2 years)                           |
| 5     | Co-Coordinator and Course Coordinator of AICTE sponsored ATAL FDP on "Concepts and application of Machine Learning and Deep Learning with real world problems with hands on training using Python" | College of Engineering Perumon | 2 weeks(10 <sup>th</sup> Oct 2022-21th Oct 2022) |
| 6     | Coordinator of Technical festival  | College of Engineering Perumon | 2021-2022  |
| 7     | Coordinator of Cultural festival   | College of Engineering Perumon | 2021-2022  |
| 8     | Track manager for the third International Conference on Innovations in Science and Technology for Sustainable Development sponsored by TEQIP and technically co-sponsored by IEEE Kerala Section   | College of Engineering Perumon | 2 days(25 Aug 2022-26 Aug 2022)                  |
| 9     | Member of Organizing committee for the third International Conference on Innovations in Science and Technology   | College of Engineering Perumon | 2 days(25 Aug 2022-26 Aug 2022)                  |

|    |   |                                |                                 |
|----|---|--------------------------------|---------------------------------|
|    | for Sustainable Development sponsored by TEQIP and technically co-sponsored by IEEE Kerala Section  |                                |                                 |
| 10 | Chaired the 2nd National Conference on Emerging Trends in Electronics and Communication(NACETEC'19)   | College of Engineering Perumon | 2019( 3 days)                   |
| 11 | Reviewer for the third International Conference on Innovations in Science and Technology for Sustainable Development sponsored by TEQIP and technically co-sponsored by IEEE Kerala Section | College of Engineering Perumon | 2 days(25 Aug 2022-26 Aug 2022) |
| 12 | Member of Interview panel for the recruitment of Camp Assistant   | College of Engineering Perumon | 21/12/2022                      |
| 13 | Coordinator of Department Timetable Committee   | College of Engineering Perumon | 2021-2022                       |
| 14 | Treasurer of Technical festival   | College of Engineering Perumon | 2019-2020 ( 1Year)              |
| 15 | Organized 4 training courses under IIC for students   | College of Engineering Perumon | 2017-2018 ( 1Year)              |
| 16 | Organized 5 training courses under IIC for students   | College of Engineering Perumon | 2018-2019 ( 1Year)              |
| 17 | Organized 8 training courses under IIC for students   | College of Engineering Perumon | 2019-2020 ( 1Year)              |
| 18 | Organized 8 training courses under IIC for students   | College of Engineering Perumon | 2020-2021 ( 1Year)              |
| 19 | Member of counseling cell   | College of Engineering Perumon | 2017-2021 (4 Years)             |
| 20 | Member of Placement cell  | College of Engineering Perumon | 2019-2021 (2 Years)             |
| 21 | Camp officer for NSS flood survey program   | Pathanamthitta district        | 4 days                          |
| 22 | Staff Advisor for 2017-2021 batch Electronics and Communication Engineering students  | College of Engineering Perumon | 2017-Till now (4 + Years)       |
| 23 | Convener College Brochure Committee   | College of Engineering Perumon | 2013-2015 (2 years)             |
| 24 | Member attendance monitoring committee  | College of Engineering Perumon | 2013-2015 (2 years)             |
| 25 | Coordinated TEQIP sponsored FDP on Mathematical Perspective towards Communication Engineering   | College of Engineering Perumon | 2019(4 days)                    |
| 26 | Coordinated TEQIP sponsored 2nd National Conference on Emerging Trends in Electronics and Communication(NACETEC'19)   | College of Engineering Perumon | 2019( 3 days)                   |
| 27 | Coordinated TEQIP sponsored SDP on Electromagnetic theory and its applications  | College of Engineering Perumon | 2016(5 days)                    |
| 28 | Observer in university examinations   | Bishop Jerome Institute Kollam | 13/06/2019 (1 day)              |

|    |                                     |                                      |                       |
|----|-------------------------------------|--------------------------------------|-----------------------|
| 29 | Observer in university examinations | Younus College of Engineering Kollam | 10/10/2019<br>(1 day) |
| 30 | Observer in university examinations | TKM college of Engineering Kollam    | 09/09/2020<br>(1 day) |
| 31 | Observer in university examinations | Younus College of Engineering Kollam | 09/10/2020<br>(1 day) |
| 32 | Observer in university examinations | UKF college of Engineering           | 05/03/2021<br>(1 day) |
| 33 | Observer in university examinations | Bishop Jerome Institute Kollam       | 05/08/2021<br>(1 day) |

**Appendix 4**  
**Details of FDP attended**

**Academic Year 2010-2011**

| SL no | Name of the FDP/SDP  | Duration  | Sponsoring Agency | Venue           |
|-------|----------------------|-----------|-------------------|-----------------|
| 1     | Orientation Training | July 2010 | KIMB              | KIMB under CAPE |

**Academic Year 2012-2013**

| SL no | Name of the FDP/SDP                                     | Duration  | Sponsoring Agency | Venue                                  |
|-------|---|---|-------------------|--|
| 1     | STTP on Recent trends in VLSI and MEMS                  | 8 <sup>th</sup> Aug 2012 to 14 <sup>th</sup> Aug 2012(7 days) | TEQIP             | Govt. Engineering college ,Barton hill |
| 2     | National workshop on Opto electronics and communication | 15 Nov 2012-17 Nov 2012(3 days)                               | TEQIP             | College of Engineering Perumon         |
| 3     | National workshop on Industrial Automation              | 21 Nov 2012-23 Nov 2012(3 days)                               | TEQIP             | College of Engineering Perumon         |
| 4     | STTP on Introduction to Matlab & its Applications       | 10 Dec 2012-12 Dec 2012(3 days)                               | TEQIP             | College of Engineering Perumon         |
| 5     | SDP on Electromagnetic Theory & its Applications        | 12 June 2013-16 June 2013(5 days)                             | TEQIP             | College of Engineering Perumon         |

**Academic Year 2013-2014**

| SL no | Name of the FDP/SDP   | Duration                         | Sponsoring Agency                            | Venue                          |
|-------|---|----------------------------------|--|--------------------------------|
| 1     | SDP on Robotics and Embedded systems                        | 3 Sep 2013- 7 Sep 2013(5 days)   | TEQIP  | College of Engineering Perumon |
| 2     | FDP on Research Methods –Issues and challenges              | 17 Oct 2013-22 Oct 2013(6 days)  | TEQIP  | College of Engineering Perumon |
| 3     | FDP on Matlab Applications in control and power engineering | 04 Dec 2013-06 Dec 2013(3 days)  | TEQIP  | College of Engineering Perumon |
| 4     | Workshop on Multisim, Ultiboard & Tanner eda Tools          | 16 Dec 2013- 18 Dec 2013(3 days) | TEQIP  | College of Engineering Perumon |
| 5     | ISTE workshop on Signals & Systems                          | 2 Jan 2014- 12 Jan 2014(11 days) | Indian society for Technical Education(ISTE) | IIT Kharagpur                  |

|   |   |                                  |       |                                   |
|---|---|----------------------------------|-------|-----------------------------------|
| 6 | FDP on Advanced Digital Signal Processing | 05June 2014- 10 June 2014(6days) | TEQIP | TKM college of Engineering Kollam |
|---|---|----------------------------------|-------|-----------------------------------|

### Academic Year 2016-2017

| SL no | Name of the FDP/SDP   | Duration            | Sponsoring Agency       | Venue                       |
|-------|---|---------------------|-------------------------|-----------------------------|
| 1     | Short course on “Techniques of Ultrafast Spectroscopy and their applications in Photonic Materials” | Dec 18 –Dec 19 2016 | Indian Laser Technology | KIIT University,Bhubaneswar |

### Academic Year 2017-2018

| SL no | Name of the FDP/SDP  | Duration                         | Sponsoring Agency                                  | Venue                                       |
|-------|--|----------------------------------|--|---|
| 1     | Entrepreneurship faculty Educator program                      | 21 Aug 2017- 25 Aug 2017(5 days) | Ministry of Skill Development and Entrepreneurship | Cochin University of Science and Technology |
| 2     | FDP on Advanced Communication technologies & Signal Processing | 19 Apr 2018-23 Apr 2018(6 days)  | TEQIP  | College of Engineering Perumon              |

### Academic Year 2018-2019

| SL no | Name of the FDP/SDP   | Duration                         | Sponsoring Agency | Venue                             |
|-------|---|----------------------------------|-------------------|-----------------------------------|
| 1     | FDP on Mathematical foundations for Communication Engineering | 07 Jan 2019- 11 Jan 2019(5 days) | TEQIP             | TKM college of Engineering Kollam |
| 2     | FDP on IOT and its Applications                               | 21 Feb 2019-23 Feb 2019(3 days)  | TEQIP             | College of Engineering Perumon    |
| 3     | SDP on Future trends in NEMS                                  | 25 Feb 2019-27 Feb 2019(3 days)  | TEQIP             | College of Engineering Perumon    |

### Academic Year 2019-2020

| SL no | Name of the FDP/SDP   | Duration                           | Sponsoring Agency                        | Venue                          |
|-------|---|------------------------------------|--|--------------------------------|
| 1     | FDP on Security Aspects in communication systems                  | 22 July 2019- 24 July 2019(3 days) | APJ Abdul Kalam Technological University | College of Engineering Perumon |
| 2     | FDP on Mathematical perspective towards Communication Engineering | 29 July 2019- 01 Aug 2019(4 days)  | TEQIP                                    | College of Engineering Perumon |
| 3     | FDP on Advanced Communication and                                 | 4 Dec 2019-6 Dec 2019(3 days)      | TEQIP                                    | College of Engineering Perumon |



|   |   |                                  |       |                                   |
|---|---|----------------------------------|-------|-----------------------------------|
|   | applications of nano technology                         |                                  |       |                                   |
| 4 | FDP on Biomedical Instrumentation and signal Processing | 06 Jan 2020- 11 Jan 2020(6 days) | TEQIP | TKM college of Engineering Kollam |

### Academic Year 2020-2021

| SL no | Name of the FDP/SDP  | Duration                            | Sponsoring Agency                            | Venue   |
|-------|--|-------------------------------------|--|---|
| 1     | Project Management Conference of Project Management Institute Kerala Chapter | 24 July 2020 -26 July 2020(3 days)  | Project Management Institute kerala India    | Project Management Institute kerala India           |
| 2     | FDP on circuit and systems-Solid State Devices                               | 11 Aug 2020-15 Aug 2020(5 days)     | IEEE   | TKM college of Engineering Kollam                   |
| 3     | FDP on circuit and systems-Network Theory                                    | 14 Sep 2020-18 Sep 2020(5 days)     | IEEE   | TKM college of Engineering Kollam                   |
| 4     | FDP on current trends in Electronics and communication                       | 21 Aug 2020 -25 Aug 2020(5 days)    | Younus College of Engineering and Technology | Younus College of Engineering and Technology        |
| 5     | FDP on Python for Machine Learning   | 14 Sep 2020- 18 Sep 2020(5 days)    | TEQIP  | Govt.Engineering college sreekrishnapuram,Palakkad  |
| 6     | STTP on Trends and technologies in Antenna Design and its Research Scopes    | 12 Oct 2020-17 Oct 2020(6 days)     | AICTE  | Toch Institute of science and technology            |
| 7     | FDP on Internet of things  | 07 Dec 2020 to 11 Dec 2020          | AICTE(ATAL academy)                          | Indian Institute of Information Technology Kottayam |
| 8     | FDP on constitution of India   | 15 Mar 2021 to 20 Mar 2021 (6 days) | TEQIP  | TKM college of Engineering Kollam                   |
| 9     | FDP on Industry Adaptation through advancement in electronic technology      | 09 Feb 2021 to 15 Feb 2021 (7 days) | TEQIP  | College of Engineering Perumon                      |
| 10    | FDP on Professional Ethics in Current pandemic Scenario                      | 22 Feb 2021 to 27 Feb 2021 (6 days) | TEQIP  | College of Engineering Perumon                      |
| 11    | FDP on Machine Learning and Optimization                                     | 22 Mar 2021 to 27 Mar 2021 (6 days) | AICTE-ISTE                                   | Ahalia School of Engineering and Technology         |
| 12    | ONLINE FDP on smart Vision of IOT in 5G Era                                  | 09 Nov 2020 to 14 Nov 2020          | TEQIP  | TKM college of Engineering Kollam                   |

### Academic Year 2021-2022

| SL no | Name of the FDP/SDP | Duration | Sponsoring Agency | Venue |
|-------|---------------------|----------|-------------------|-------|
|-------|---------------------|----------|-------------------|-------|

|   |   |                            |          |   |
|---|---|----------------------------|----------|---|
| 1 | online Faculty Development Programme on “Recent & Future Trends in Digital Signal Processing Techniques & Its Industrial Applications | 10 JAN 2022 TO 14 JAN 2022 | TEQIP II | LBS Institute of Technology for Women, Trivandrum |
| 2 | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Research Trends in Design and Control of Electric Vehicles        | 17/01/2022 to 21/01/2022   | AICTE    |   |

**Academic Year 2022-2023**

| SL no | Name of the FDP/SDP   | Duration                   | Sponsoring Agency | Venue                             |
|-------|---|----------------------------|-------------------|-----------------------------------|
| 1     | FDP on control systems and robotics   | 29 Aug 2022 to 31 Aug 2022 | KTU               | College of Engineering Muttathara |
| 2     | ATAL FDP on “Concepts and applications of Deep learning and Machine Learning with real world problems and hands on training using python” | 10 Oct 2022 to 21 Oct 2022 | AICTE             | College Of Engineering Perumon    |

I certify that the information given above is correct to the best of my knowledge and belief

Place : Varkala

Signature:

Date: 04/01/2023

Name: SURJITH S