Supervisory Committee Form

| UFID# | Gatorlink Email: ceenushaji@ufl.edu | | | |
|----------------------------------|-------------------------------------|--|--|--|
| Check One: MS Thesis x PhD | | | | |
| Committee Members: | | | | |
| Please print and sign your name. | | | | |
| Chair (Print) Sandip Ray | Signature_Sandip Ray | | | |
| Co-Chair (Print) | Signature | | | |
| Members: | | | | |
| (Print)Dr. Swarup Bhunia | Signature | | | |
| (Print)Janise McNair | Signature_ Jane y M. Man | | | |
| (Print) | Signature | | | |
| External Member (Print) | Signature | | | |

*Ph.D. – Four Members (including Chair and External Member)

Certificate Of Completion

Envelope Id: B6F03188F5C34E329784B0D52B9557F1

Subject: Please DocuSign: Supervisory Committee Form.docx Ceenu Poothicote Shaji

Process:

Source Envelope:

Document Pages: 1 Certificate Pages: 5

AutoNav: Enabled

Envelopeld Stamping: Enabled

Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Status: Completed

Envelope Originator:

Elizabeth Rivera-Cortes 971 Elmore Drive, Rm 102

PO Box 115250 Gainesville, FL 32611 e5rivera@ufl.edu

IP Address: 24.250.146.133

Record Tracking

Status: Original

4/9/2023 11:31:34 PM

Holder: Elizabeth Rivera-Cortes e5rivera@ufl.edu

Location: DocuSign

Signer Events

Ceenu Poothicote Shaji ceenushaji@ufl.edu

Security Level: DocuSign.email

ID: 1 4/9/2023 11:31:37 PM

Electronic Record and Signature Disclosure:

Accepted: 4/9/2023 11:31:55 PM

ID: 219bfce9-e954-4d35-a0ad-b331ee60dbfd

sandip@ece.ufl.edu

Security Level: Email, Account Authentication

(None)

Signature

Signatures: 3

Initials: 0

Completed

Using IP Address: 24.250.146.133

Timestamp

Sent: 4/9/2023 11:31:35 PM Viewed: 4/9/2023 11:31:55 PM Signed: 4/9/2023 11:37:26 PM

Sandip Ray

Sandip Ray

Signature Adoption: Pre-selected Style Using IP Address: 128.227.218.113

Sent: 4/9/2023 11:37:28 PM Viewed: 4/10/2023 12:22:56 AM Signed: 4/10/2023 12:23:13 AM

Electronic Record and Signature Disclosure:

Accepted: 4/10/2023 12:22:56 AM

ID: 94203e1f-e5c0-466a-9b52-5edeead83db2

Dr. Swarup Bhunia swarup@ece.ufl.edu

Security Level: Email, Account Authentication

(None)

Signature Adoption: Drawn on Device Using IP Address: 99.20.116.189

Signed using mobile

Sent: 4/10/2023 12:23:14 AM Viewed: 4/10/2023 12:30:43 AM Signed: 4/10/2023 12:30:57 AM

Electronic Record and Signature Disclosure:

Accepted: 4/10/2023 12:30:43 AM

ID: c1feecb9-f8c5-466b-afa0-9f34f82e8fc9

Janise McNair iymcnair@ufl.edu

Associate Professor, Dept of Electrical & Computer

Engineering

University of Florida

Security Level: Email, Account Authentication (None)

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

Jane y M. nav

Signature Adoption: Drawn on Device Using IP Address: 128.227.1.41

Sent: 4/10/2023 12:30:59 AM Viewed: 4/10/2023 1:40:15 PM Signed: 4/10/2023 1:41:19 PM

| In Person Signer Events | Signature | Timestamp |
|--|-----------|--|
| Editor Delivery Events | Status | Timestamp |
| Agent Delivery Events | Status | Timestamp |
| Intermediary Delivery Events | Status | Timestamp |
| Certified Delivery Events | Status | Timestamp |
| Carbon Copy Events | Status | Timestamp |
| | | Comb. 4/40/0000 4:44:00 DM |
| Ceenu Poothicote Shaji ceenushaji@ufl.edu UF - CFR 21 Part 11 Account Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign | COPIED | Sent: 4/10/2023 1:41:20 PM Viewed: 5/5/2023 11:29:04 AM |

| Witness Events | Signature | Timestamp | | |
|--|------------------|----------------------|--|--|
| Notary Events | Signature | Timestamp | | |
| Envelope Summary Events | Status | Timestamps | | |
| Envelope Sent | Hashed/Encrypted | 4/9/2023 11:31:36 PM | | |
| Certified Delivered | Security Checked | 4/10/2023 1:40:15 PM | | |
| Signing Complete | Security Checked | 4/10/2023 1:41:19 PM | | |
| Completed | Security Checked | 4/10/2023 1:41:21 PM | | |
| Payment Events | Status | Timestamps | | |
| Electronic Record and Signature Disclosure | | | | |

University of Florida

(None)

Security Level: Email, Account Authentication

Electronic Record and Signature Disclosure:Not Offered via DocuSign

DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES

From time to time, the University of Florida (we, us, our, or UF) may be required by law to provide you certain written notices or disclosures and may also choose to provide you with agreements, statements, authorizations, acknowledgments and other documents (collectively, "Documents"). Described below are the terms and conditions for providing such Documents electronically through the UFDocuSign electronic signing system. This supplements all other agreements you have with UF; however, in the case of any inconsistency, the terms herein shall control as applied to your consent to receive and sign Documents electronically through UFDocuSign. Please read the information below carefully and thoroughly, and if you can access this information electronically to your satisfaction and agree to these terms and conditions, please confirm your agreement by clicking the 'I agree' button at the bottom of this document. If you are agreeing on behalf of a business entity, you also agree that you have the requisite authority to consent to this Disclosure and Consent to Use Electronic Records and Signatures on behalf of the entity.

All Documents may be sent to you electronically

Unless you tell us otherwise, in accordance with the procedures described herein, we may, in our sole discretion, provide electronically to you through the UFDocuSign system all Documents that are required to be provided or made available to you during the course of our relationship. We may always, in our sole discretion, provide you with any Documents in paper form, even if you have chosen to receive it electronically.

Getting paper copies

At any time, you may request a paper copy of any Document provided or made available electronically by us. You will have the ability to download and print documents we send to you through the UFDocuSign system during and immediately after the signing session. To request delivery from us of paper copies of the Document(s) previously provided electronically, you must send an e-mail reply to the sender of the electronic Document(s) and state your e-mail address, full name, US Postal address, and telephone number.

Withdrawing your consent

If you decide to receive Documents from us electronically, you may at any time change your mind and tell us that thereafter you want to receive Documents only in paper format. To indicate to us that you are changing your mind, you must withdraw your consent using the UFDocuSign 'Withdraw Consent' form on the signing page of an UFDocuSign envelope. This will indicate to us that you have withdrawn your consent to receive required notices and disclosures electronically. You will no longer be able to use the UFDocuSign system to receive Documents electronically from us or to electronically sign Documents from us.

If you withdraw your consent, it will become effective only after a reasonable period of time has passed to allow us to process such request. If you elect to receive Documents only in paper format, your withdrawal of consent will have no legal effect on the validity or enforceability of any Documents provided to you in electronic form or electronically signed by you through UFDocuSign prior to the effective date of your withdrawal. Withdrawing your consent means you will be sent and sign Documents in paper form going forward.

To inform us that you no longer want to receive future Documents in electronic form you may: i. decline to sign a document from within your UFDocuSign session, and on the

subsequent page, select the check-box indicating you wish to withdraw your consent; or ii. send us an e-mail to UF-DocuSign@ufl.edu and in the body of such request state your

e-mail, full name, US Postal Address, and telephone number. We do not need any other information from you to withdraw consent.

How to contact UF

You may contact us to let us know of changes to your electronic contact information, to request paper copies of certain information from us, and to withdraw your prior consent to receive Documents electronically as follows:

- To contact us by email send messages to: UF-DocuSign@ufl.edu
- To contact us by paper mail, please send correspondence to:

University of Florida Information Technology Attn: UFDocuSign Service P.O. Box 113359 Gainesville, FL 32611-3359

To advise UF of your new e-mail address

You agree to promptly update us regarding any change in your email address so that we may send Documents to you electronically, as needed. To let us know of a change in your e-mail address, you must send an email message to us at UF-DocuSign@ufl.edu and in the body of such request state: your previous e-mail address, your new e-mail address. You also agree to promptly update us regarding any change to your other contact information in the same manner described above.

In addition, you must notify UF to arrange for your new email address to be reflected in your UFDocuSign account by following the process for changing e-mail in the UFDocuSign system.

Recommended hardware and software

| Operating Systems: | Most recent final release versions: Windows® and Mac OS® . |
|----------------------------|--|
| Browsers: | Final release versions of Internet Explorer® 6.0 or above (Windows only); Mozilla Firefox 2.0 or above (Windows and Mac); Safari TM 3.0 or above (Mac only) |
| PDF Reader: | Acrobat® or similar software may be required to view and print PDF files |
| Screen Resolution: | 800 x 600 minimum |
| Enabled Security Settings: | Allow per session cookies |

These minimum requirements are subject to change. If these requirements change, you will be asked to re-accept the disclosure. Pre-release (e.g. beta) versions of operating systems and browsers are not supported.

Acknowledging your access and consent to receive Documents electronically

To confirm to us that you can access this information electronically, which will be similar to other electronic Documents that we will provide to you, please verify that you were able to read this DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES and that you also were able to print on paper or electronically save this page for your future reference and access or that you were able to e-mail this DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES to an address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format on the terms and conditions described above, please let us know by clicking the 'I agree' button below.

By checking the 'I agree' box, I confirm that:

- I can access and read this DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES document; and
- I can print on paper the DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES document or save or send it to a place where I can print it, for future reference and access; and
- I agree to the terms and conditions in this DISCLOSURE AND CONSENT TO USE ELECTRONIC DOCUMENTS AND SIGNATURES document; and
- Until or unless I notify UF as described above, I consent to receive exclusively through
 electronic means all Documents during the course of my relationship with UF under the
 terms and conditions set forth in this DISCLOSURE AND CONSENT TO USE
 ELECTRONIC DOCUMENTS AND SIGNATURES.