

MTP-1/2 Evaluations (ROUND 1)**Committee I****28 May 2018 (Mon) 3:30 pm - 4:30 pm, IIA-101, Bharti School**

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|--|--------------|-----------------|---------------|--------------|-----------------|---------------|---|------------|-------|----------|
| Subcommittee I.1: SDe (Chair), JBS, SSR (3:30 pm - 4:30 pm) | | | | | | | | | | |
| 1 | 2016JTM2091 | JYOTIRMAI MAITY | SSR | VB | Confirmed | Thesis sent | Movement assisted algorithm design for hole detection and healing | | Nets | |
| 2 | 2016JTM2079 | NITIN GARG | SSR | VB | Confirmed | Thesis sent | Resource allocation in cooperative cognitive radio networks | | Nets | |

29 May 2018 (Tue) 9:30 am - 1:00 pm, IIA-101, Bharti School

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|--|--------------|-------------------------|---------------|--------------|-----------------|---------------|---|------------|-------|----------|
| Subcommittee I.2: HJ (Chair), RB, MRB (9:30 am - 1:00 pm) | | | | | | | | | | |
| 1 | 2016EEE2507 | SONU AKHAND | MRB | MMT | Confirmed | Thesis sent | Simulation and analysis of substation automation networks | | Phy | |
| 2 | 2016EEE2937 | LAVANYA KANDA | RB | MMT | Confirmed | Thesis sent | Swarm intelligence based attack detection in smart grid | | Phy | |
| 3 | 2016EEE2508 | PRADEEP SUBHASH PAIKRAO | RB | MMT | Confirmed | Thesis sent | Anomaly detection algorithms for smart metering using swarm intelligence | | Phy | |
| 4 | 2015EEE2471 | MANISH RAO | HJ | SS | Confirmed | Thesis sent | Physical layer key generation for a group of three users | | Phy | |
| 5 | 2016EEE2868 | KARTHIK R | MRB | SS | Confirmed | Thesis sent | Performance of full duplex receiver as a jammer in a cellular communication | | Phy | |
| 6 | 2016EEE2501 | E. PRASANTH KUMAR | MRB | SS | Confirmed | Thesis sent | Secrecy performance analysis of cooperative MIMO multicast and multi user scheduling systems with selective DF relays | | Phy | |
| 7 | 2016JTM2092 | AKARSH AGRAWAL | MRB | SS | Confirmed | Thesis sent | Physical layer security in presence of alpha-stable noise | | Phy | |

Committee II**28 May 2018 (Mon) 2:00 pm - 3:30 pm, IIA-101, Bharti School**

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|--|--------------|---------------|---------------|--------------|-----------------|---------------|---|------------|-------|----------|
| Subcommittee II.1: VV (Chair), MRB, AHX (2:00 pm - 3:30 pm) | | | | | | | | | | |
| 1 | 2016EEE2503 | PRASHANT SONI | MRB | ASV | Confirmed | Thesis sent | Performance evaluation of differential spatial modulation in free space optical communication | | Phy | |
| 2 | 2016JTM2077 | KARAN SAXENA | AHX | ASV | Confirmed | Thesis sent | Indoor positioning system based on visible light communication | | Phy | |
| 3 | 2016JTM2081 | TANYA BANSAL | AHX | ASV | Confirmed | Thesis sent | Modulation and demodulation schemes for visible light communication | | Phy | |

Committee III**25 May 2018 (Fri) 2:30 pm - 3:00 pm, IIA-105, Bharti School**

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|--|--------------|--------|---------------|--------------|-----------------|---------------|--|------------|-------|----------|
| Subcommittee III.1: LK (Chair), SDJ, SP (2:30 pm - 3:00 pm) | | | | | | | | | | |
| 1 | 2016EEE2497 | GARIMA | SDJ | AC | Confirmed | Thesis sent | Heart abnormalities detection from ECG signals | | SP1 | |

Committee IV**25 May 2018 (Fri) 3:00 pm - 5:30 pm, IIA-105, Bharti School**

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|---|--------------|----------------------|---------------|--------------|-----------------|---------------|--|------------------------|-------|----------|
| Subcommittee IV.2: SA (Chair), APP (Skype), BL (3:00 pm - 5:30 pm) | | | | | | | | | | |
| 1 | 2016EET2631 | BRIJESH MONDAL | APP | AC | Confirmed | Thesis sent | Human Activity Recognition using Mobile and Smartwatch sensor data | [link] | SP2 | MTP-1 |
| 2 | 2016EET2639 | PRIYANK SONI | APP | SC | Confirmed | Thesis sent | Signature Recognition | [link] | SP2 | MTP-1 |
| 3 | 2016EET2633 | ABHISHEK KUMAR TOMAR | BL | SC | Confirmed | Thesis sent | End-to-End Learning Framework for Action Recognition | [link] | SP2 | MTP-1 |
| 4 | 2016EET2647 | HEMANT GOYAL | BL | SC | Confirmed | Thesis sent | Near Real-Time Rolling Shutter Correction | [link] | SP2 | MTP-1 |
| 5 | 2016EET2870 | AMIT KUMAR MISHRA | BL | SC | Confirmed | Thesis sent | Driving Assistance in Fog | [link] | SP2 | MTP-1 |

MTP-2 Evaluations (ROUND 2)**Committee II****27 Jun 2018 (Wed) 2:00 pm - 6:00 pm, IIA-101, Bharti School**

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|------|--------------|------|---------------|--------------|-----------------|---------------|-------|------------|-------|----------|
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| Subcommittee II.2: PS (Chair), SKM, JBS (2:00 pm - 3:30 pm) | | | | | | | | | | |
|---|-------------|------------------------------------|-----|----|-----------|-------------|--|--|--|-----|
| 1 | 2016EEE2511 | SANDEEP SINGH | PS | VB | Confirmed | Thesis sent | Performance of OSTBC transmission by energy harvesting DF relays with relay subset selection | | | Phy |
| 2 | 2016JTM2082 | MANISH RAI | PS | VB | Confirmed | Thesis sent | Relaying using OSTBC in energy harvesting underlay CRNs | | | Phy |
| 3 | 2016JTM2078 | HARSHALKUMAR JAYANTKUMAR YAGNIK | SKM | VB | Confirmed | Thesis sent | Incremental redundancy techniques for polar codes | | | Phy |

| Subcommittee II.3: MRB (Chair), BL, AHX, VV (3:30 pm - 4:00 pm) | | | | | | | | | | |
|---|-------------|----------------|----|----|-----------|-------------|---|--|--|-----|
| 4 | 2016EEE2510 | ARVIND KANDPAL | BL | VB | Confirmed | Thesis sent | Performance analysis of underwater optical communication system | | | Phy |

| Subcommittee II.4: PS (Chair), SKM, JBS (4:00 pm - 6:00 pm) | | | | | | | | | | |
|---|-------------|------------------------|----|----|-----------|-------------|---|--|--|-----|
| 5 | 2016EEE2498 | DEEPIKA KHANDELWAL | PS | RP | Confirmed | Thesis sent | Performance of two-hop CRN battery-assisted time switching energy harvesting nodes | | | Phy |
| 6 | 2016EEE2506 | RAJU KUMAR | PS | RP | Confirmed | Thesis sent | Performance of non-orthogonal multiple access with relaying by energy harvesting near user | | | Phy |
| 7 | 2016EEE2504 | KISHORE KUMAR GUPTA | PS | RP | Confirmed | Thesis sent | Multiuser underlay network with downlink energy harvesting | | | Phy |
| 8 | 2016JTM2088 | MADHAV SUNILBHAI BHATT | PS | RP | Confirmed | Thesis sent | Performance of cluster-based multi-hop underlay CRNs with energy harvesting secondary nodes | | | Phy |

Committee IV

25 Jun 2018 (Mon), 10:00 am - 10:30 am, II-405, Multimedia Lab

| Subcommittee IV.3: SA (Chair), TKG, SC (10:00 am - 10:30 am) | | | | | | | | | | |
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| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
| 1 | 2016EET2630 | KRISHNA PRASANTH POTTI | SC | GS | Confirmed | Thesis sent | Deep learning for inherently sparse data | link | SP2 | |

27 Jun 2018 (Wed), 1:45 pm - 6:00 pm, IIA-105, Bharti School

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|--|--------------|--------------------|---------------|-----------------|-----------------|---------------|--|----------------------|-------|----------|
| Subcommittee IV.4: SA (Chair), SDR (Skype), TKG, J (1:45 pm - 3:00 pm) | | | | | | | | | | |
| 2 | 2016EET2636 | MUHAMMED DAMSAS N | SDR | [X grade appl.] | Confirmed | | Vision-guided feedback for robotic manipulation (Robotic Vision) | | SP2 | |
| 3 | 2016EET2635 | SWATI KUSHWAHA | TKG | AC | Confirmed | Thesis sent | Epileptic seizures | link | ML | |
| 4 | 2016EET2648 | JASPER LALBUATSIAH | TKG | AC | Confirmed | Thesis sent | Schizophrenia diagnosis using fMRI | link | ML | |

| Subcommittee IV.5: SSR (Chair), APP (Skype), BL (3:00 pm - 5:30 pm) | | | | | | | | | | |
|---|-------------|----------------------|----|----|-----------|-------------|--|----------------------|-----|--|
| 5 | 2016EEE2574 | SHANMUGHANATHAN V B | BL | AM | Confirmed | Thesis sent | Implementation of quasi hexagonal kernel in CNN for face recognition | link | ML | |
| 6 | 2016EET2626 | PRANJALYA SINGH | BL | AM | Confirmed | Thesis sent | Telecom data classification: an unsupervised learning approach | link | SP2 | |
| 7 | 2015EET2693 | RINKU TAKKAR | BL | AM | Confirmed | Thesis sent | Detection of Tuberculosis from chest radiographs | link | SP2 | |
| 8 | 2016EET2641 | KARAN KUMAR | BL | AM | Confirmed | Thesis sent | Robust localisation of robot's head for terrain mapping | link | SP2 | |
| 9 | 2016EEE2575 | SUKHJIT SINGH SANDHU | BL | GS | Confirmed | Thesis sent | Detection of stress in plants based on chlorophyll fluorescence using image processing | link | ML | |

| Subcommittee IV.6: SA (Chair), SDR (Skype)?, TKG, AM(CBME) (5:30 pm - 6:00 pm) | | | | | | | | | | |
|--|-------------|-------------|---------------|----|-----------|-------------|--|----------------------|-----|--|
| 10 | 2016EET2634 | AKASH NAYAK | SA & AM(CBME) | GS | Confirmed | Thesis sent | Liver image segmentation and diagnosis | link | SP2 | |

MTP-2 Evaluations (to be arranged by Supervisors)

Committee III

15 Jun 2018 (Fri) 2:00 pm – 4:30 pm, IIA-105, Bharti School

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|---|--------------|-----------------------|---------------|--------------|-----------------|---------------|---|------------|-------|----------|
| Subcommittee III.2: LK (Chair), SDJ, SP (2:00 pm - 3:30 pm) | | | | | | | | | | |
| 1 | 2016EEE2502 | KOTTE VIJITH VARMA | LK & SDJ | | | | Audio zooming - A non-Gaussian approach | | SP1 | |
| 2 | 2016EEE2560 | NARENDRA KUMAR MISHRA | LK & SDJ | | | | Multichannel Speech enhancement for audio zooming | | SP1 | |
| 3 | 2016JTM2085 | ANANT KHANDELWAL | LK | | | | Audio zooming in presence of moving interferences | | SP1 | |

| Subcommittee III.3: LK (Chair), SDJ, SP (3:30 pm - 4:30 pm) | | | | | | | | | | |
|---|-------------|-------------------|---------|--|--|--|---|--|-----|--|
| 4 | 2016EEE2495 | PRABHANSHU PANDEY | LK & SP | | | | Noise modelling for robust audio zooming system in smartphone | | SP1 | |
| 5 | 2016EEE2493 | UMESH GUPTA | LK & SP | | | | Second order statistics based beamforming for audio zooming | | SP1 | |

19 Jun 2018 (Tue) 9:00 am – 10:00 am, IIA-105, Bharti School

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|------|--------------|------|---------------|--------------|-----------------|---------------|-------|------------|-------|----------|
|------|--------------|------|---------------|--------------|-----------------|---------------|-------|------------|-------|----------|

| Subcommittee III.4: LK (Chair), SDJ, SP (9:00 am - 10:00 am) | | | | | | | | | | |
|--|-------------|------------------|-----|----|--|--|---------------------------------------|--|-----|--|
| 1 | 2016JTM2940 | MOUNIKA KUSUNURI | SDJ | AG | | | Effect of meditation on mental health | | SP1 | |
| 2 | 2016JTM2093 | POOJA SHARMA | SDJ | AG | | | Detection of landmines and IEDs | | SP1 | |

To be evaluated in DMS Committee

| S.No | Entry Number | Name | Supervisor(s) | Ext Examiner | Examiner Status | Thesis Status | Topic | Report PDF | Group | Comments |
|------|--------------|--------------------|---------------|--------------|-----------------|---------------|---|------------|-------|---|
| 1 | 2016JTM2089 | SUNKU VYSHNAV DUTT | MS (DMS) | | | | Privacy and security in mobile communication | | DMS | To be evaluated in DMS Committee |
| 2 | 2016JTM2096 | DHEERAJ KUMAR | RS (DMS) | | | | Block chain technology and its business application | | DMS | |
| 3 | 2016JTM2087 | ANUPAM KUMAR JHA | RS (DMS) | | | | Strategies for grid strengthening: Leverage storage for solar integration at distribution network level | | DMS | |