



Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

INDEX

| S.NO | ACADEMIC YEAR | ADD –ON COURSE: Design of PCB | PAGE NO |
|------|------------------|-------------------------------|------------|
| 1 | | Program Duration | 2-3 |
| 2 | | Students Enrolled | 4-15 |
| 3 | 2019-20 | Model certificates | 16 |
| 4 | | Curriculum | 17-18 |
| 5 | | Assessment procedures | 19-26 |







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 04-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

VENUE: BFF-8

SECTIONS: ECE-A&B

DAY-WISE SCHEDULE

| S.NO | DAY | TOPIC | TIMINGS | DURATION |
|------|------------|--|-------------|----------|
| 1. | 10-02-2020 | Introduction to Printed circuit board: fundamental of electronic components, basic electronic circuits, Basics of printed circuit board designing: Layout planning, general rules and parameters, ground conductor considerations, thermal issues, check and inspection of artwork | 9AM to 4 PM | 6 hours |
| 2. | 11-02-2020 | Design rules for PCB: Design rules for Digital circuit PCBs, Analog circuit PCBs, high frequency and fast pulse applications, Power electronic applications, Microwave applications, Module III Static CMOS Logic Elements | 9AM to 4 PM | 6 hours |
| 3. | 12-02-2020 | Introduction to Electronic design automation (EDA) tools for PCB designing: Brief Introduction of various simulators, SPICE and PSPICE Environment, Selecting the Components Footprints as per design, Making New Footprints | 9AM to 4 PM | 6 hours |
| 4. | 13-02-2020 | Assigning Footprint to components, Net listing, PCB Layout Designing, Auto routing and manual routing. Assigning specific text (silkscreen) to design, Creating report of design, creating manufacturing data (GERBER) for design | 9AM to 4 PM | 6 hours |

PRINCIPAL

Vignan's Institute of Management & Technology For Manageme

Telangana State

| 5. | 14-02-2020 | Introduction printed circuit board production techniques Photo printing, film master production, reprographic camera, basic process for double sided PCBs photo resists, Screen printing process, plating, relative performance and quality control, Etching machines, Solders alloys, fluxes, soldering techniques, Mechanical operations, fluxes, soldering techniques, Mechanical operations | 9AM to 4 PM | 6 hours |
|----|------------|---|-------------|---------|
| 6. | 15-02-2020 | PCB Technology Trends: Multilayer PCBs. Multiwire PCB, Flexible PCBs, Surface mount PCBs, Reflow soldering, Introduction to High- Density Interconnection (HDI) Technology. Feedback Taken & Test Conducted | 9AM to 4 PM | 6 hours |
| | E. | Total 36 hours | <u> </u> | |

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Victorian
Kondapur (V), Ghatkesar (M), Medchal-Malkajgin (Dt.)-501301



Vignan's Institute of Management & Technology For Memori Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-30 (124) Telangana State





Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 04-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

STUDENT REGISTRATION LIST

SECTION: ECE-A

| S.NO | ROLL NUMBER | NAME OF THE STUDENT | SIGNATURE |
|------------------|-------------|---------------------------|--------------|
| 1 | 19UP1A0401 | ARKALA SNEHA REDDY | Sneha |
| 2 | 19UP1A0402 | BANDI RASAGNA | Rasagna |
| 3 | 19UP1A0403 | BASWA VIGNATHA | vignatha |
| 4 | 19UP1A0404 | BELLI PAVANI | Pallavi |
| 5 | 19UP1A0405 | B V SHIVA KEERTHIKA | Keerthika |
| 6 | 19UP1A0406 | SAI LAKSHMI SRAVYA | Syavya |
| 7 | 19UP1A0407 | GAJULA ABHIGNA | ablet |
| 8 | 19UP1A0408 | GADDAM LIKHITHA | The Killed |
| 9 | 19UP1A0409 | GIRUGUBOTHALA SAI DEEPTHI | G. Deepthi |
| 10 | 19UP1A0410 | GOLLA PRIYANKA | G. Priyanka |
| 11 | 19UP1A0411 | GOURISHETTI SWETHA | Swetha |
| 12 | 19UP1A0412 | KOPPELA NISHITHA | Dishitha |
| 13 | 19UP1A0413 | KALAVA CHARITHA | charistra. |
| 14 | 19UP1A0414 | KALVA MAHATHEE REDDY | Mahathee |
| 15 | 19UP1A0415 | KANDE LAHARI | Lahni |
| 16 | 19UP1A0416 | KANDULA MEGHANA | Meghana. |
| 17 | 19UP1A0417 | KONAKANCHI TEJASWINI | K.Tejaswni |
| 18 | 19UP1A0418 | KUNCHETTI PRAVALIKA | K. Pravalika |
| 19 | 19UP1A0419 | LINGAMPALLY ABHINAYA | habhinaya, |
| 20 | 19UP1A0420 | MANNE SRAVANI | = savani |
| 21 | 19UP1A0421 | NAKKA LAVANYA | M. lavanya |
| 22 | 19UP1A0422 | NEELAM MOHANA PRIYA | Moneya |
| 23 | 19UP1A0423 | PUSHADAPU LAVANYA | Lavanye |
| 24 | 19UP1A0424 | PALLE PAVANI | Paran |
| 25 | 19UP1A0425 | PARIMI PRASANNA LAXMI | Jaxnio , |
| 26 | 19UP1A0426 | P SINDHU | Sindling. |
| 27 | 19UP1A0427 | RAJPUTH MAHESHWARI SINGH | Marisigh. |
| 28 | 19UP1A0428 | ROWTHU PALLAVI | Dan |
| 29 | 19UP1A0429 | SYED TABASSUM | Tabassum |
| 30 | 19UP1A0430 | SAKSHI JAYASREE BHAVANI | Bhasani |
| 31 | 19UP1A0431 | SANGOJU SATHWIKA | Som |
| agle2nen | 19UP1A0432 | SEETHAMMAGARI ANITHA | dritha |
| 33 Indapur (V | 19 P1A0433 | SIVVA AKSHAYA | Akshaya |

Ghatkesar (M),
Medchal.
Malkaigin (Dt)
Pin-501301,
J.S.
Waynon

PRINCIPAL

Vignan's Institute of Management & Technology For Women Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Et)-304301 Telangana State

| 34 | 19UP1A0434 | LAKSHMI YESASWINI | Vashy. |
|----|------------|----------------------|------------|
| 35 | 19UP1A0435 | SUGGUNA LIKHITA | Likhita |
| 36 | 19UP1A0436 | TANKALA HARIKA | Harika. |
| 37 | 19UP1A0437 | THOOMU SREYA REDDY | Sveya |
| 38 | 19UP1A0438 | UPPULA SHUVALEELA | And. |
| 39 | 19UP1A0439 | VANAM ASHVITHA REDDY | -Ashvella. |
| 40 | 19UP1A0440 | VANKUDOTH SANGITHA | Savandra |
| 41 | 19UP1A0441 | V LAXMI VASUNDHARA | Vasu |
| 42 | 19UP1A0442 | GAYATHRI MANASA | _ |

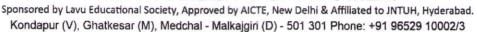
COORDINATOR

HOD

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501001
Telangana State





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 04-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

STUDENT REGISTRATION LIST

SECTION: ECE-B

| 1 19UP1A0443 ANNU PRAGATHI 2 19UP1A0444 ANUMOJU KAVYA 3 19UP1A0445 BACHANENI SHANMUKHI 4 19UP1A0446 BANALA SNITHIKA 5 19UP1A0447 SIVA NAGA SAI SARANYA 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI 10 19UP1A0452 CHIMATA MADHAVI 11 19UP1A0453 DASI VENKATA SAHITHAYA 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0459 HALDODDI DIVYA 19 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEPIKA 30 19UP1A0471 PADAKULA UMA 30 19UP1A0471 PADAKULA UMA 40 19UP1A0473 RAVULA HIRANMAI HIMANAI 31 19UP1A0473 RAVULA HIRANMAI HIMANAI 31 19UP1A0473 RAVULA HIRANMAI CHAMANA 31 19UP1A0473 RAVULA HIRANMAI CHAMANA 31 19UP1A0475 SIRI CHANDANA | S.NO | ROLL NUMBER | NAME OF THE STUDENT | SIGNATURE |
|---|--------|-------------|------------------------|--------------|
| 3 19UP1A0445 BACHANENI SHANMUKHI Shamukhi 4 19UP1A0446 BANALA SNITHIKA SOITHIKA 5 19UP1A0447 SIVA NAGA SAI SARANYA 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI MATHAYA 11 19UP1A0452 CHIMATA MADHAVI MATHAYA 12 19UP1A0453 DASI VENKATA SAHITHAYA 13 19UP1A0455 G.SHIRISHA 14 19UP1A0455 G.SHIRISHA 15 19UP1A0456 GABALE NISHITHA 16 19UP1A0457 HARSHA VARDHINI HIVAALIA 17 19UP1A0458 GUMAMALA SNEHA REDDY G. Shekul 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 19 19UP1A0463 KOMMINENI JASMITHA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI CHURCHAYA 30 19UP1A0471 PADAKULA UMA 31 19UP1A0473 RAVULA HIRANMAI HITOO TXXI 31 19UP1A0473 RAVULA HIRANMAI CHARDAYA 33 19UP1A0475 SIRI CHANDANA CHARDAYA 34 19UP1A0475 SIRI CHANDANA CHARDAYA 35 SUP1A0475 SIRI CHANDANA CHARDAYA 36 SUP1A0475 SIRI CHANDANA CHARDAYA 37 19UP1A0475 SIRI CHANDANA CHARDAYA 38 19UP1A0475 SIRI CHANDANA CHARDAYA 39 19UP1A0475 SIRI CHANDANA CHARDAYA 30 SUP1A0475 SIRI CHANDANA CHARDAYA 30 SUP1A0475 SIRI CHANDANA CHARDAYA 31 19UP1A0475 SIRI CHANDANA CHARDAYA 31 19UP1A0475 SIRI CHANDANA CHARDAYA 31 19UP1A0475 SIRI CHANDANA CHARDAYA | | 19UP1A0443 | ANNU PRAGATHI | Pragothi |
| 3 19UP1A0445 BACHANENI SHANMUKHI 4 19UP1A0446 BANALA SNITHIKA 5 19UP1A0447 SIVA NAGA SAI SARANYA 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI B. Tachanvi 10 19UP1A0452 CHIMATA MADHAVI Madhavi 11 19UP1A0453 DASI VENKATA SAHITHAYA 12 19UP1A0454 DUGYALA VAISHNAVI D. VAISANOVI 13 19UP1A0455 G.SHIRISHA 6 SINIKISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0460 JANJIRALA ANUSHA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI DANIMATA 26 19UP1A0469 MARVALA DEEPIKA 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI BAUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITOO TOOL 31 19UP1A0473 RAVULA HIRANMAI HITOO TOOL 31 19UP1A0473 SIRI CHANDANA CHAMBANA 31 19UP1A0475 SIRI CHANDANA CHAMBANA 31 19UP1A0475 SIRI CHANDANA CHAMBANA | | 19UP1A0444 | ANUMOJU KAVYA | Kavya |
| 5 19UP1A0447 SIVA NAGA SAI SARANYA 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI BOLLEPALLY JASHANVI 10 19UP1A0452 CHIMATA MADHAVI MAGHAVY 11 19UP1A0453 DASI VENKATA SAHITHAYA SALITHAYA 12 19UP1A0454 DUGYALA VAISHNAVI OLASIANAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI HIVAAALIA 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0460 JANJIRALA ANUSHA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA MOOTIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI CANALA SALITHA 26 19UP1A0468 YOGITHA REDDY HOGITHA 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI PAUVANESWARI 29 19UP1A0471 PADAKULA UMA 20 19UP1A0472 RAMIDI DEEKSHITHA 30 19UP1A0473 RAVULA HIRANMAI HITAO TXAI 31 19UP1A0474 SHANIGALA CHANDANA CHAMBANA 31 19UP1A0475 SIRI CHANDANA REDDY | | 19UP1A0445 | BACHANENI SHANMUKHI | |
| 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI B. Jashanvi 10 19UP1A0452 CHIMATA MADHAVI Madhavi 11 19UP1A0453 DASI VENKATA SAHITHAYA SAKITAYA 12 19UP1A0454 DUGYALA VAISHNAVI D. VAISANOVI 13 19UP1A0455 G.SHIRISHA G. SISTIKA 14 19UP1A0456 GABALE NISHITHA G. NICHIMA 15 19UP1A0457 HARSHA VARDHINI H. Vandkini 16 19UP1A0458 GUMAMALA SNEHA REDDY G. Shekul 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA MOONIKA 21 19UP1A0463 KOMMINENI JASMITHA JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI CANALAGA 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI BOVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0473 RAWIDI DEEKSHITHA 31 19UP1A0473 RAWIDI DEEKSHITHA 31 19UP1A0474 SHANIGALA CHANDANA CHAMBANA 31 19UP1A0475 SIRI CHANDANA REDDY | | 19UP1A0446 | BANALA SNITHIKA | Snithika |
| 6 19UP1A0448 BOGALA ANUSHA 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA WARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI B. Jashanvi 10 19UP1A0452 CHIMATA MADHAVI Madhavi 11 19UP1A0453 DASI VENKATA SAHITHAYA Shithaya 12 19UP1A0454 DUGYALA VAISHNAVI D. VASANONI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA G. NICHIMA 15 19UP1A0457 HARSHA VARDHINI H. Vandkini 16 19UP1A0458 GUMAMALA SNEHA REDDY G. Shehul 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA J. Anusuk 19 19UP1A0461 KARKURI SOWMYA Sowmya 20 19UP1A0460 KALYANAM MOUNIKA MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA LIKHITHA 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 26 19UP1A0467 LIMBURE SANTHOSHI GAMAYA 27 19UP1A0468 YOGITHA REDDY HALDOY 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI PAUVANEWAL 30 19UP1A0471 PADAKULA UMA 31 19UP1A0473 RAWIU A BHITAN DURKAMANA SANULA HIRANMAI HITAO TXAL | 5 | 19UP1A0447 | SIVA NAGA SAI SARANYA | Savanya |
| 7 19UP1A0449 BOKKA HARSHITHA 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI 10 19UP1A0452 CHIMATA MADHAVI 11 19UP1A0453 DASI VENKATA SAHITHAYA 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 19 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIGALA CHANDANA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0475 SIRI CHANDANA REDDY | 6 | 19UP1A0448 | BOGALA ANUSHA | |
| 8 19UP1A0450 BOKKA VARSHITHA 9 19UP1A0451 BOLLEPALLY JASHANVI BOLLEPALLY JASHANVI BOLLEPALLY JASHANVI BOLLEPALLY JASHANVI BOLLEPALLY JASHANVI MAGHAVI 10 19UP1A0452 CHIMATA MADHAVI MAGHAVI 11 19UP1A0453 DASI VENKATA SAHITHAYA Shithaya 12 19UP1A0454 DUGYALA VAISHNAVI DAVISHNAVI 13 19UP1A0455 G.SHIRISHA GARALE NISHITHA GARALE NISHITHA 14 19UP1A0456 GABALE NISHITHA GARALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY GARALE NISHITHA 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0460 JANJIRALA ANUSHA 20 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA MOONIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY LAMBURE SANTHOSHI 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI CARALES INCOME 26 19UP1A0468 YOGITHA REDDY LOQUITALE 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HIRANMAI 30 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0475 SIRI CHANDANA REDDY | 7 | 19UP1A0449 | BOKKA HARSHITHA | |
| 10 19UP1A0452 CHIMATA MADHAVI MADHAVI 11 19UP1A0453 DASI VENKATA SAHITHAYA SATINGUL 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITOO TOOL 33 WAP1A0475 SIRI CHANDANA REDDY | 8 | 19UP1A0450 | BOKKA VARSHITHA | _ |
| 11 19UP1A0453 DASI VENKATA SAHITHAYA 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 4 FIGO TOXINGALA CHANDANA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 29 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 21 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA 24 SANTALA 25 SANTALA 26 SANTALA 27 SANTALA 28 SANTALA 29 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 20 SANTALA 21 SANTALA 21 SANTALA 21 SANTALA 22 SANTALA 23 SANTALA | 9 | 19UP1A0451 | BOLLEPALLY JASHANVI | B. Jashanvi |
| 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA 20 19UP1A0461 KARKURI SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0464 KONDERU SRAVYA 23 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAA TANDANA 31 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0475 SIRI CHANDANA REDDY | 10 | 19UP1A0452 | CHIMATA MADHAVI | Madhavi |
| 12 19UP1A0454 DUGYALA VAISHNAVI 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL | 11 | 19UP1A0453 | DASI VENKATA SAHITHAYA | |
| 13 19UP1A0455 G.SHIRISHA 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL | 12 | 19UP1A0454 | DUGYALA VAISHNAVI | D. vaishnovi |
| 14 19UP1A0456 GABALE NISHITHA 15 19UP1A0457 HARSHA VARDHINI 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL OPENBAL 19UP1A0474 SHANIGALA CHANDANA 25 SIRI CHANDANA REDDY | 13 | 19UP1A0455 | G.SHIRISHA | |
| 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA MOONIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 14 | 19UP1A0456 | GABALE NISHITHA | 6 140 61 |
| 16 19UP1A0458 GUMAMALA SNEHA REDDY 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA SOWMYA 20 19UP1A0462 KALYANAM MOUNIKA MOONIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOLI OPENICAL SIRI CHANDANA 30 SIRI CHANDANA REDDY | 15 | 19UP1A0457 | HARSHA VARDHINI | H. Vardhini |
| 17 19UP1A0459 HALDODDI DIVYA 18 19UP1A0460 JANJIRALA ANUSHA 19 19UP1A0461 KARKURI SOWMYA Sowmya 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 29 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL 19UP1A0474 SHANIGALA CHANDANA Chandana 19UP1A0475 SIRI CHANDANA REDDY | 16 | 19UP1A0458 | GUMAMALA SNEHA REDDY | |
| 19 19UP1A0461 KARKURI SOWMYA Sowmya 20 19UP1A0462 KALYANAM MOUNIKA MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAAN TOOLIA | 17 | 19UP1A0459 | HALDODDI DIVYA | |
| 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL | 18 | 19UP1A0460 | JANJIRALA ANUSHA | J. Anusly |
| 20 19UP1A0462 KALYANAM MOUNIKA 21 19UP1A0463 KOMMINENI JASMITHA 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0475 SIRI CHANDANA REDDY | 19 | 19UP1A0461 | KARKURI SOWMYA | Sowmya |
| 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 30 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0475 SIRI CHANDANA REDDY | 20 | 19UP1A0462 | KALYANAM MOUNIKA | |
| 22 19UP1A0464 KONDERU SRAVYA 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 36 19UP1A0475 SIRI CHANDANA REDDY | 21 | 19UP1A0463 | KOMMINENI JASMITHA | jasmithas |
| 23 19UP1A0465 PRASANNA LAXMI REDDY 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOLI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 31 19UP1A0475 SIRI CHANDANA REDDY | 22 | 19UP1A0464 | KONDERU SRAVYA | |
| 24 19UP1A0466 GADDAM LIKHITHA 25 19UP1A0467 LIMBURE SANTHOSHI 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 34 19UP1A0475 SIRI CHANDANA REDDY | 23 | 19UP1A0465 | PRASANNA LAXMI REDDY | |
| 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 36 19UP1A0474 SHANIGALA CHANDANA 37 19UP1A0475 SIRI CHANDANA REDDY | 24 | 19UP1A0466 | GADDAM LIKHITHA | Likhitha. |
| 26 19UP1A0468 YOGITHA REDDY 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 36 19UP1A0475 SIRI CHANDANA REDDY | 25 | 19UP1A0467 | LIMBURE SANTHOSHI | |
| 27 19UP1A0469 MARVALA DEEPIKA 28 19UP1A0470 MEDA BHUVANESWARI 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI 31 19UP1A0474 SHANIGALA CHANDANA 33 19UP1A0474 SHANIGALA CHANDANA 34 19UP1A0475 SIRI CHANDANA REDDY | 26 | 19UP1A0468 | YOGITHA REDDY | |
| 29 19UP1A0471 PADAKULA UMA 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL 33 19UP1A0474 SHANIGALA CHANDANA Chandana 34 19UP1A0475 SIRI CHANDANA REDDY | 27 | 19UP1A0469 | MARVALA DEEPIKA | Deeplka. |
| 30 19UP1A0472 RAMIDI DEEKSHITHA 31 19UP1A0473 RAVULA HIRANMAI HITAO TOOL 19UP1A0474 SHANIGALA CHANDANA Chandana 33 19UP1A0475 SIRI CHANDANA REDDY | 28 | 19UP1A0470 | MEDA BHUVANESWARI | Bhuraneswari |
| 31 19UP1A0473 RAVULA HIRANMAI HITO TOO SHANIGALA CHANDANA Chandana SIRI CHANDANA REDDY | 29 | 19UP1A0471 | PADAKULA UMA | uma |
| 31 19UP1A0473 RAVULA HIRANMAI Himan mai 19UP1A0474 SHANIGALA CHANDANA Chandana 33 19UP1A0475 SIRI CHANDANA REDDY | | 19UP1A0472 | RAMIDI DEEKSHITHA | Deckshi |
| 19UP1A0474 SHANIGALA CHANDANA Chandana SIRI CHANDANA REDDY | 31 | | RAVULA HIRANMAI | |
| | nement | | SHANIGALA CHANDANA | |
| | | 19 UP1A0475 | SIRI CHANDANA REDDY | |

Kondapur (V), Ghatkesar (M), Medchel-Malkajgiri (Dt) Pin-501301,

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Lh)-301001
Telangana State

| 34 | 19UP1A0476 | SUROJU SRIVAISHNAVI | Vaishnavi |
|----|------------|------------------------|------------|
| 35 | 19UP1A0477 | TELUKUNTLA SREYA REDDY | 54 |
| 36 | 19UP1A0478 | THAMATAM AKSHITHA | AL |
| 37 | 19UP1A0479 | TURPU SHRAVANI | Showani |
| 38 | 19UP1A0480 | VANGETI BANNY | Bannul |
| 39 | 19UP1A0481 | VENNAMANENI ANOUSHIKA | Banny |
| 40 | 19UP1A0482 | YEDULLA NAGALAXMI | Naga lakmi |

COORDINATOR

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Woman
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



PRINCIPAL

Vignan's Institute of Management & Technology For Women Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Bt), 1001 Telangana State

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 10-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

STUDENT REGISTARTION LIST

SECTION: ECE-A

| S.NO | ROLL NUMBER | NAME OF THE STUDENT |
|------|-------------|-----------------------|
| 1 | 19UP1A0401 | ARKALA SNEHA REDDY |
| 2 | 19UP1A0402 | BANDI RASAGNA |
| 3 | 19UP1A0403 | BASWA VIGNATHA |
| 4 | 19UP1A0404 | BELLI PAVANI |
| 5 | 19UP1A0405 | B V SHIVA KEERTHIKA |
| 6 | 19UP1A0406 | SAI LAKSHMI SRAVYA |
| 7 | 19UP1A0407 | GAJULA ABHIGNA |
| 8 | 19UP1A0408 | GADDAM LIKHITHA |
| 9 | 19UP1A0409 | AI DEEPTHI |
| 10 | 19UP1A0410 | GOLLA PRIYANKA |
| 11 | 19UP1A0411 | GOURISHETTI SWETHA |
| 12 | 19UP1A0412 | KOPPELA NISHITHA |
| 13 | 19UP1A0413 | KALAVA CHARITHA |
| 14 | 19UP1A0414 | KALVA MAHATHEE REDDY |
| 15 | 19UP1A0415 | KANDE LAHARI |
| 16 | 19UP1A0416 | KANDULA MEGHANA |
| 17 | 19UP1A0417 | KONAKANCHI TEJASWINI |
| 18 | 19UP1A0418 | KUNCHETTI PRAVALIKA |
| 19 | 19UP1A0419 | LINGAMPALLY ABHINAYA |
| 20 | 19UP1A0420 | MANNE SRAVANI |
| 21 | 19UP1A0421 | NAKKA LAVANYA |
| 22 | 19UP1A0422 | NEELAM MOHANA PRIYA |
| 23 | 19UP1A0423 | PUSHADAPU LAVANYA |
| 24 | 19UP1A0424 | PALLE PAVANI |
| 25 | 19UP1A0425 | PARIMI PRASANNA LAXMI |
| 26 | 19UP1A0426 | P SINDHU |
| 27 | 19UP1A0427 | MAHESHWARI SINGH |
| 28 | 19UP1A0428 | ROWTHU PALLAVI |
| 29 | 19UP1A0429 | SYED TABASSUM |
| 30 | 19UP1A0430 | JAYASREE BHAVANI |
| 31 | 19UP1A0431 | SANGOJU SATHWIKA |
| 32 | 19UP1A0432 | SEETHAMMAGARI ANITHA |
| 33 | 19UP1A0433 | SIVVA AKSHAYA |
| 34 | 19UP1A0434 | LAKSHMI YESASWINI |

Kondapur (V).

Kondapur (V).

Ghatkesar (M).

MedchalMalkajgin (Dt)

Pin-501301.

T.S.

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (£1) 561361
Telangana State

| 35 | 19UP1A0435 | SUGGUNA LIKHITA |
|----|------------|----------------------|
| 36 | 19UP1A0436 | TANKALA HARIKA |
| 37 | 19UP1A0437 | THOOMU SREYA REDDY |
| 38 | 19UP1A0438 | UPPULA SHUVALEELA |
| 39 | 19UP1A0439 | VANAM ASHVITHA REDDY |
| 40 | 19UP1A0440 | VANKUDOTH SANGITHA |
| 41 | 19UP1A0441 | V LAXMI VASUNDHARA |

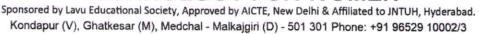
COORDINATOR

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



PRINCIPAL

Vignan's Institute of Management & Technology For Women Kondapur (V), Ghalkesar (M), Medchal-Malkajgiri (D: e Telangana State





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 10-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

STUDENT REGISTARTION LIST

SECTION: ECE-B

| S.NO | ROLL NUMBER | NAME OF THE STUDENT |
|------|-------------|------------------------|
| 1 | 19UP1A0443 | ANNU PRAGATHI |
| 2 | 19UP1A0444 | ANUMOJU KAVYA |
| 3 | 19UP1A0445 | BACHANENI SHANMUKHI |
| 4 | 19UP1A0446 | BANALA SNITHIKA |
| 5 | 19UP1A0447 | SIVA NAGA SAI SARANYA |
| 6 | 19UP1A0448 | BOGALA ANUSHA |
| 7 | 19UP1A0449 | BOKKA HARSHITHA |
| 8 | 19UP1A0451 | BOLLEPALLY JASHANVI |
| 9 | 19UP1A0452 | CHIMATA MADHAVI |
| 10 | 19UP1A0453 | DASI VENKATA SAHITHAYA |
| 11 | 19UP1A0454 | DUGYALA VAISHNAVI |
| 12 | 19UP1A0455 | G.SHIRISHA |
| 13 | 19UP1A0456 | GABALE NISHITHA |
| 14 | 19UP1A0457 | HARSHA VARDHINI |
| 15 | 19UP1A0458 | GUMAMALA SNEHA REDDY |
| 16 | 19UP1A0459 | HALDODDI DIVYA |
| 17 | 19UP1A0460 | JANJIRALA ANUSHA |
| 18 | 19UP1A0461 | KARKURI SOWMYA |
| 19 | 19UP1A0462 | KALYANAM MOUNIKA |
| 20 | 19UP1A0463 | KOMMINENI JASMITHA |
| 21 | 19UP1A0464 | KONDERU SRAVYA |
| 22 | 19UP1A0465 | PRASANNA LAXMI REDDY |
| 23 | 19UP1A0466 | GADDAM LIKHITHA |
| 24 | 19UP1A0467 | LIMBURE SANTHOSHI |
| 25 | 19UP1A0468 | YOGITHA REDDY |
| 26 | 19UP1A0469 | MARVALA DEEPIKA |
| 27 | 19UP1A0470 | MEDA BHUVANESWARI |
| 28 | 19UP1A0471 | PADAKULA UMA |
| 29 | 19UP1A0472 | RAMIDI DEEKSHITHA |
| 30 | 19UP1A0473 | RAVULA HIRANMAI |
| 31 | 19UP1A0474 | SHANIGALA CHANDANA |
| 32 | 19UP1A0475 | SIRI CHANDANA REDDY |
| 33 | 19UP1A0476 | SUROJU SRIVAISHNAVI |
| 4 | 19UP1A0477 | TELUKUNTLA SREYA REDDY |

Mondapur (V)
Medichal
Malkaigini (Dt)
Min-501301

I Sullon

I Sull

Vignan's Institute of Management & Technology For Warran Kendapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt). Telangane State

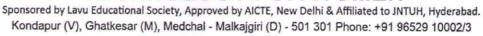
| 35 | 19UP1A0478 | THAMATAM AKSHITHA |
|----|------------|-----------------------|
| 36 | 19UP1A0479 | TURPU SHRAVANI |
| 37 | 19UP1A0480 | VANGETI BANNY |
| 38 | 19UP1A0481 | VENNAMANENI ANOUSHIKA |
| 39 | 19UP1A0482 | YEDULLA NAGALAXMI |

COORDINA

Electronics and Communication Engineer Vignan's institute of Management & Technology For Worke Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-5013E



PRINCIPAL
Vignan's Institute of Management & Technology Fer Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D1)-501381
Telangana State





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 10-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

DAYWISE ATTENDANCE

SECTION: ECE-A

| S.N | O Roll Number | 10-02-2020 | 11-02-2020 | 12 02 2020 | 12 02 2020 | 14.02.2020 | 15.00.0000 |
|-----|---------------|-----------------------|------------------------|------------------------|-------------|--------------|-------------|
| 1 | 19UP1A0401 | | | 12-02-2020 | 13-02-2020 | 14-02-2020 | 15-02-2020 |
| 2 | 19UP1A0401 | Sneha | Sneha | Sneha | Sneha | Sneha | Sneha |
| 3 | 19UP1A0402 | Vignatha | Rasagna | Rasagna | Rasagna | Rasagna | Rasagna |
| 4 | 19UP1A0403 | Pavoni | | Paroni | | | vignatha |
| 5 | 19UP1A0404 | | Pavoni | | Pavani | Pavani | Povan; |
| 6 | 19UP1A0406 | Keesthika | Keesthika | Keerthika | | Yeerthula | reerthika |
| 7 | 19UP1A0407 | Sparyor | Syarya | Sravya | Granya | Granya | Sravya |
| 8 | 19UP1A0407 | likhithat | abhot | abha | abho | abhaf | aphil |
| 9 | 19UP1A0408 | | hkhithat | hkhellaf | h khithaf | ikhithof | Ikhethal |
| 10 | | G. Deepthi | 76 | G.Deepthi 1 | G. Deepthi | G. Deepthi | G. Deepthy |
| 11 | 19UP1A0411 | G. Priyanka Swetha | G. Priyanka Swellag | GiPriyanka | G. Priyanka | G. Priyanka | Gipriyanka |
| 12 | 19UP1A0411 | 2) shithan | | Mishithy | Swethe | Soetha | |
| 13 | 19UP1A0413 | charistas | charistal | chaile | a) whither | Dishithy | wishitha, |
| 14 | 19UP1A0414 | Mahather | Mahather | | charistry | Charistral | Charista |
| 15 | 19UP1A0415 | Lahari | Lahan | Mahethei Lahari | Mahather | Mahathei | Mahather |
| 16 | 19UP1A0416 | Meghava | Meghana | | | Meghaner | Lahari |
| 17 | 19UP1A0417 | K. Telasuni | / | Meghana k. Typswni | K. Tejaswni | Tejawnik | K. Tejaswii |
| 18 | 19UP1A0418 | K. pravalika | | K prawlike | AB | ki Pravalika | K. Tegaswai |
| 19 | 19UP1A0419 | Labhinaya | Caphinage | | (·abhinaya | habbinaya | |
| 20 | 19UP1A0420 | Svavau | Syavani | (abhinaya Sxavani) | = Yavaw | Syavaw | Siavari |
| 21 | 19UP1A0421 | Nolavanya | N. Lavanya | | N. Lavanya | | |
| 22 | 19UP1A0422 | Manya | Monya | Monya | Monya | N. havanya | M. Lavanya |
| 23 | 19UP1A0423 | havanya | havanya | havanya | havalya | havanga | havanya |
| 24 | 19UP1A0424 | RNOW | Parai | Parasir U | Paracil | Perven | Paricol |
| 25 | 19UP1A0425 | taxur. | Laxnif. | Laxmi | Laxurit | Laxin | Caxmit |
| 26 | 19UP1A0426 | Sindful | Sindha | Sindhul | Sindher | Sindhely. | Sindhy |
| 27 | 19UP1A0427 | Marsingh | Mansingh | Markingh | Mangage | Martingh | Marshingh |
| 28 | 19UP1A0428 | Pan | Pou | | Par | Pan | Par |
| 29 | 19UP1A0429 | Tatassum | Tabossum | Tabassum. | Tabossum | Tabassum | AB |
| 30 | 19UP1A0430 | Bowani | Bhowani | Bravani | shavant | Bhavari | Phavani |
| 31 | 19UP1A0431 | Sur | Sor | Som | Sau | Sac | Sou |
| 32 | 19UP140432 | Anitha | Anitha | Anitha | Anitha | Anotha. | Anitha |
| 33 | 1800 A 52233 | Akshayat | Akshayar | Akshaya | Akshayar | Nikshaya | Akshaya |
| | S WANT | - 1 | | (/ | 1 | 1 | |

PRINCIPAL

Vignan's Institute of Management & Technology For Women Kondapur (V), Ghatkeser (M), Medchal-Malkajgiri (Dt)-501301 Telangana State

| | | , , 0 | 10 | 0 | | 1 | |
|----|------------|------------|------------|-----------|-------------|-----------|-----------|
| 34 | 19UP1A0434 | Yashy | yasy | yary | yashif | your | yashi |
| 35 | 19UP1A0435 | Likhita' | Likkita | Likhita | Likhita | Likhita | Likhita |
| 36 | 19UP1A0436 | Harika | Harika | Harika | Harika | Harika | Harika. |
| 37 | 19UP1A0437 | Sxeya | Sieya | Sreya | Skeya | Sveya | Sveya |
| 38 | 19UP1A0438 | Aut | -And | -Au | Au | Aug | Aut |
| 39 | 19UP1A0439 | -dehistal. | Ashirthel- | Ashviolel | -Ashrithat. | Ashridd | Jestivizz |
| 40 | 19UP1A0440 | Sougither | Sangittel | Sangithat | Langoth | Sengettie | Caughtite |
| 41 | 19UP1A0441 | your - | Last | Varie | Variet | Variet- | Vari. |

COORDINATOR

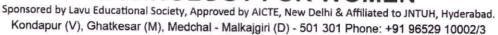
HOD

Head of the Department
Electronics and Communication Engineeri
Vignan's Institute of Management & Technology For Wo.
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501



PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-501301
Telangana State







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 10-02-2020

ADD ON COURSE NAME: Design of PCB

B.Tech I-II SEM

DAYWISE ATTENDANCE

SECTION: ECE-B

| S.NO | Roll Number | 10-02-2020 | 11-02-2020 | 12.02.2020 | 12 02 2020 | 11.00.000 | 1 |
|------|-------------|-------------|--|-------------|--------------|-------------|--------------|
| 1 | 19UP1A0443 | | Peagadhi | 12-02-2020 | 13-02-2020 | 14-02-2020 | 15-02-2020 |
| 2 | 19UP1A0444 | Pragath | 1 | Pragathi | Progathi | Pagathi | Pagathi |
| 3 | 19UP1A0445 | Kavya | Kareya | Karoya | Karya | Kavya | Karya |
| 4 | 19UP1A0446 | shanmuthi | The state of the s | Shanmurk | | | |
| 5 | 19UP1A0447 | Snithika | snithika | snithika | Snithika | snithika | Snithika |
| 6 | 19UP1A0448 | doceaning | 90000749 | Socarya | Sorranya | AB | gasonya |
| 7 | 19UP1A0448 | Ame - 1 ell | Ams | Am | Am | Am | An |
| 8 | 19UP1A0449 | | a B. Harshitt | B. Harshith | B Harshithe | 18 Harshith | |
| 9 | | B. Jashanvi | | | | | B: Tayngy |
| 10 | 19UP1A0452 | Madhavi | madhavi | madhari | madhavi | Madhayi | madhari |
| | 19UP1A0453 | Sahitheyr | Sahithy. | Sahithager | Sahithaya | Schithrag | Sahithey |
| 11 | 19UP1A0454 | D. Valhoris | Drag Stand | D. VCUSHVOU | D vaishraul | D. vaishnou | p. vaisting |
| 12 | 19UP1A0455 | G. Shirisha | Shirisha | shirida | elintha | Shirisha | Shirisha |
| 13 | 19UP1A0456 | G. Michitha | Gorlishitha | G. Nishibha | G-Meshilla | Gonlishitha | Gillshiffe |
| 14 | 19UP1A0457 | H. Vardhini | H. Wardhini | Ho Vardhini | +6- Undhini | H. Vardhini | H. Vardhini |
| 15 | 19UP1A0458 | G. Srehal | G. Snelow | G. Snely | Gisnehal | Gisnehal | G. Snely |
| 16 | 19UP1A0459 | H. Divya | H. Divya | D1. DINYa | H. Dinga | H. Divya | 4. Divya |
| 17 | 19UP1A0460 | J. Anusly | J. Amshel | J. Anusly | J. Anusud | J. Anushid | J. Anushi |
| 18 | 19UP1A0461 | Sowmya | Sowmya | Sowmya | Sowmya | Sowmya | Sowmya |
| 19 | 19UP1A0462 | Moonika | mounika | mounika | mounika | moonika | mounika |
| 20 | 19UP1A0463 | jashmitha | jashmith | | iashmithe | iashmitt | ejashmit |
| 21 | 19UP1A0464 | U AB | Sravya | Gravya | Granya | Sranya | Sravya |
| 22 | 19UP1A0465 | laxini | laxion | laxing | (exm) | Casani | laxmi. |
| 23 | 19UP1A0466 | Likhitha | Likhitha | Likhitha | Likhitha | Likhitha | Likhitha |
| 24 | 19UP1A0467 | Santhashi | Son Khosy | Santhosi | Santhos | Santlasi | Sansti |
| 25 | 19UP1A0468 | gogitha | yogitha | Yogithan | Hogithal | yogitha | yogither |
| 26 | 19UP1A0469 | Scepika. | Deloika | Deepika | Deepika | Prepika | Dranika |
| 27 | | Bhuraneway | Phydnesival | | Bhuavanesway | | Bhuvouresway |
| 28 | 19UP1A0471 | uma | uma | uma | uma | | upoa |
| 29 | 19UP1A0472 | Heekshi | Deckshi | Dee Kshi | Deeksha | Deksti | Deckohi |
| 30 | 19UP1A0473 | Hiranmai | Hiranmai | Hiranma' | Hiyanmai | Hira provi | Hiranmai |
| 31 | 19UP1A0474 | Chandana | Chandana | chandana | chandana | Chandana | Chandana |
| 32 | 19UP1A0475 | chandan | chardan | -handara | chandana | chandon | chardare |
| 33 | 1907 A0476 | valshnavi | vaushnavi | valshnavi | | Valshnari | Vayhnari |
| | 10 | | | | | | 100,110,01 |

PRINCIPAL

Vignan's Institute of Management & Technology Fer Wemen Kendepur (V), Ghatkesar (M), Medchal-Malkajejri (Dt)-501301 Telangana State

| 34 | 19UP1A0477 | .88 | · Sol | 81 | 84 | Sy | Sol |
|----|------------|-----------|------------|-----------|-----------|-----------|----------|
| 35 | 19UP1A0478 | Akg | ALAA | AkA | Ald | ALA | All |
| 36 | 19UP1A0479 | Shravani. | Shravani | Shravani | Chrovani | Shravan's | Shravani |
| 37 | 19UP1A0480 | Banny - | Bany | Banny | Banny. | Bamil | Bana. |
| 38 | 19UP1A0481 | Ano | Ahr | 1AR | Ann | Ann | Anny |
| 39 | 19UP1A0482 | Nagalaxai | Maga laxmi | Nagalaxmi | Navalarmi | Jagalaxmi | Magalam |

COORDINATOR

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Work
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-50130



PRINCIPAL
Vignan's Institute of Management & Technology For Warrien
Kondapur (V), Ghatkesar (M), Medchel-Malkajgiri (Dt)-501301
Telangana State





(Sponsored by Lavu Educational Society)
Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301

Course Completion Certificate

This certificate is presented to

BELLI PAVANI

for her completion of an Add-on Course on "DESIGN OF PCB" held from 10^{TH} to 15^{TH} FEBRUARY, 2020,

Organized by the Department of Electronics and

Communication Engineering.

PRINCIPAL

Vignan's Institute of Management & Technology For V Kondapur (V), Ghatkesar (M), Medichal-Malketoni th

Telahopana State

HoD, ECE

Principal, VMTW

Co-ordinator



Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to INTUH, Hyderabad. Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year: 2019-20

Date: 04-02-2020

ADD ON COURSE SYLLABUS: Design of PCB

B.Tech I-II SEM

VENUE: BFF-8

SECTIONS: ECE-A&B

COURSE OBJECTIVES:

- Identifying Electronic Components Symbols & Footprints
- Constructing your Component libraries & use them effectively
- Schematic creation & interpretation
- Effective use of design rules & interfacing between schematic & PCB
- Component placement & routing techniques for various technologies

Module I:

Introduction to Printed circuit board: fundamental of electronic components, basic electronic circuits, Basics of printed circuit board designing: Layout planning, general rules and parameters, ground conductor considerations, thermal issues, check and inspection of artwork.

Module II:

Design rules for PCB: Design rules for Digital circuit PCBs, Analog circuit PCBs, high frequency and fast pulse applications, Power electronic applications, Microwave applications, Module III Static CMOS Logic Elements

Module III:

Introduction to Electronic design automation(EDA) tools for PCB designing: Brief Introduction of various simulators, SPICE and PSPICE Environment, Selecting the Components Footprints as per design, Making New Footprints, Assigning Footprint to components, Net listing, PCB Layout Designing, Auto routing and manual routing. Assigning specific text (silkscreen) to design, Creating report of design, creating manufacturing data (GERBER) for design

Module IV

Introduction printed circuit board production techniques Photo printing, film master production, reprographic camera, basic process for double sided PCBs photo resists, Screen printing process, plating, relative performance and quality control, Etching machines, Solders alloys, fluxes, soldering techniques, Mechanical operations. Ghal

Vignan's Institute of Management & Technology For Me

Telangana State

Module V

PCB Technology Trends: Multilayer PCBs. Multiwire PCB, Flexible PCBs, Surface mount PCBs, Reflow soldering, Introduction to High-Density Interconnection (HDI) Technology.

Text Books:

Printed circuit board design, fabrication assembly and testing By R. S. Khandpur, Tata McGraw Hill
 2006

Reference Books:

- 1. Printed circuit Board Design and technology, Walter C. Bosshart
- 2. Printed Circuits Handbook, Sixth Edition, by Clyde F. Coombs, Jr, Happy T. Holden, Publisher:
- McGraw-Hill Education Year: 2016
- Complete PCB Design Using OrCAD Capture and PCB Editor, Kraig Mitzner Bob
 Doe Alexander Akulin Anton Suponin Dirk Müller, 2nd Edition 2009.
- 4. Introduction to System-on-Package, Rao R Tummala&MadhavanSwaminathan, McGraw Hill, 2008.

RESOURCE PERSON

COORDINATOR

Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women

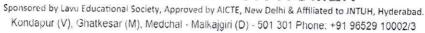
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

Kondepu VIII.

Kondep

Vignan's Institute of Management & Technology For Woman Kondapur (V), Ghattesar (M), Medchal-Malkaigiri (Dt)-50 illui Telangana State







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: Design of PCB

ASSESSMENT PROCEDUER

In order to assess the students how effective was the training in helping learners gain relevant knowledge and skills. we conducted the Assessment Test for students after completion of addon course training sessions. The test is conducted in offline mode for 20 marks and evaluated by the trainers. By following grading system the grades are given to the students.

Note: Assessment analysis based on grading system.

| | | Grading system | n | |
|-------|-------|----------------|-----|------|
| 20-18 | 17-15 | 14-10 | 9-5 | 4-0 |
| O | A | В | C | Fail |

COORDIN

Kondagur (\ Ghatkeear (M) Medcha Malkalgiri (Dt.

PRINCIPAL Vignan's Institute of Management & Technology For Women Kondapur (V), Ghatkesat (M), Medchal-Malkajgin (Dt)-501301

Telangana State

rice Vigo:





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Add on course Assessment: Design of PCB

Branch & Sections: I- II ECE Academic Year: 2019-20 Name of the Student:

Time: 20mins Max. Marks: 20

Roll No:

Answers the following questions, each question carries 2 Marks.

| Ans | wer | all the Questions | 8 | | | | | $10 \times 1 = 10$ |) Ma | arks |
|-----|---|--------------------------------------|------------------|---|--------------|---|--------|-------------------------|------|------|
| | | | | B represents a thin | pho | to-sensitive polym | er by | supporting | Г |] |
| 1 | pho | otographic patter | n of si | ngle traces or IC pa | ads f | or etching? | | | L | J |
| | Α | Prepreg | В | Etching | С | Photo-resist | D | Solder mask | | |
| 2 | | hich among the b tline Package"? | below | mentioned package | es do | bes not belong to th | ie cat | egory of 'Small | [|] |
| | | SO | 13 | SOP | C | SOT : | D | SON | | |
| 3 | du | which type of sole to immersion o | derabi f wire | lity testing is carrie or sheet metal spec | d ou cime | t for the generation n in a bath of molt | n of s | older sample older? | [|] |
| | A | Solder Bath Testing | 13 | Meniscus Rise Testing | С | Solder Iron Testing | D | None of the abov | | |
| 4 | Which among the below stated soldering methods is also renowned as 'High Frequency Resistance Soldering'? | | | | | | | | | |
| | A | lron Soldering | В | Furnace Soldering | С | Torch Soldering | D | Electrical Soldering | | |
| 5 | | hich among the b sting? | pelowi | mentioned approac | hes | belongs to the cate | gory | of In-circuit | [|] |
| | А | Impedance Testing | В | Component Testing | С | Apply Signal and check output | D | All of the above | | |
| 6 | | | | purposely located of | or pla | aced near the edge | of P | CB in accordance |] |] |
| | А | Removal of heat | 13 | Isolation of stray current | С | Reduction of path length | D | All of the above | | |
| 7 | W | /hat is/are the me | eessin | to provide gua | rdin | g to precision diffe | erenti | al amplifiers? |] |] |

Ghatkesar (M), Malkajgiri (Dt.) Pin-501301

Kondapur (\

Medchal

(T.S.)

Vignam's Institute of Management & Technology For Women Kondenia MV. Ghatkesar (M), Madchal-Malkajgiri (Dt)-501301



Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Kondapur (V). Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

| | T | | | T == : | | , | | | | |
|---|---|--------------------------------|---|--|---|--------------------------------|---|--|---|---|
| | A | To increase leakage resistance | В | To reduce capacitance between signal conductors & ground | C | Both a and b | D | None of the above | | |
| Which phenomenon is not reduced by the circuit paths of lowest impedances especially provided by power and return planes for shielding purposes? A Radiation B Convection C Noise D Crosstalk Which among the below specified assertions is not a grounding consideration associated with ADC as well as DAC? Analog side A to analog ground B Digital side to digital ground C Use of separate power supply and connection of inductive loop area between power and | | | | | | | | | |] |
| | A | Radiation | В | Convection | C | Noise | 1 | | | |
| 9 Which among the below specified assertions is not a grounding consideration associated with ADC as well as DAC? Reduction of | | | | | | | | | [|] |
| | | to analog ground | | digital ground | | power supply and connection of | | inductive loop area between power and return traces | | |
| A Radiation B Convection C Noise D Crosstalk Which among the below specified assertions is not a grounding consideration associated with ADC as well as DAC? Analog side A to analog ground B Digital side to digital ground C Use of separate power supply and connection of Which among the below stated devices/equipments are preferred for elimination Which among the below stated devices/equipments are preferred for elimination Coupling Decoupling All of the | | | | | | | | |] |] |
| | | Coupling capacitor | В | Decoupling capacitor | С | Snubber circuits | D | All of the above | | |

Marks Obtained:

Total Marks:

Kondapur (V),
Ghatkesar (M),
Medchal
Malkajgiri (Dt.)
Pin-501301
(T.S.)

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Madchal-Makajgiri (Dt)-501301
Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.



Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: Design of PCB

Answers for Test

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
| С | D | В | D | D | А | С | В | D | В |

COORDI

- Head of the Department

Electronics and Communication Engineering Vignan's Institute of Management & Technology For 1.
Kondapur (V), Ghatkesar (M), Medchal-Malkajpiri (Dt.)-501301

Madche

Vignan's Institute of Management & Technology For Women (Ot)-501301 Kondapur (V), Chatkesar (M), Madchal-Malkaysiri (Ot)-501301







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: Design of PCB

Academic Year: 2019-20

ASSESSMENT TEST RESULTS

Date: 15-02-2020

B.Tech I-II SEM

SECTION: ECE A &B

| S.No | Roll number | Name of the student | Grade |
|------|-----------------|-----------------------|---------------|
| 1. | 19UP1A0401 | ARKALA SNEHA REDDY | C |
| 2. | 19UP1A0402 | BANDI RASAGNA | <u>C</u> B |
| 3. | 19UP1A0403 | BASWA VIGNATHA | <u>B</u> |
| 4. | 19UP1A0404 | BELLIPAVANI | В |
| 5. | 19UP1A0405 | B V SHIVA KEERTHIKA | <u>O</u> |
| 6. | 19UP1A0406 | SAI LAKSHMI SRAVYA | F |
| 7. | 19UP1A0407 | GAJULA ABHIGNA | B |
| 8. | 19UP1A0408 | GADDAM LIKHITHA | В |
| 9. | 19UP1A0409 | AI DEEPTHI | В |
| 10. | 19UP1A0410 | GOLLA PRIYANKA | F |
| 11. | 19UP1A0411 | GOURISHETTI SWETHA | <u>.</u> B |
| 12. | 19UP1A0412 | KOPPELA NISHITHA | 0 |
| 13. | 19UP1A0413 | KALAVA CHARITHA | C |
| 14. | 19UP1A0414 | KALVA MAHATHEE REDDY | A |
| 15. | 19UP1A0415 | KANDE LAHARI | A |
| 16. | 19UP1A0416 | KANDULA MEGHANA | В |
| 17. | 19UP1A0417 | KONAKANCHI TEJASWINI | A |
| 18. | 19UP1A0418 | KUNCHETTI PRAVALIKA | 0 |
| 19. | 19UP1A0419 | LINGAMPALLY ABHINAYA | A |
| 20. | 19UP1A()420 | MANNE SRAVANI | В |
| 21. | 19UP1A0421 | NAKKA LAVANYA | В |
| 22. | 19UP1A0422 | NEELAM MOHANA PRIYA | В |
| 23. | 19UP1A0423 | PUSHADAPU LAVANYA | A |
| 24. | 19UP1A()424 | PALLE PAVANI | 0 |
| 25. | 19UP1A0425 | PARIMI PRASANNA LAXMI | A |
| 26. | 19UP1A0426 | P SINDHU | C |
| 27. | 19UP1A0427 | MAHESHWARI SINGH | В |
| 28. | 19UP1A0428 | ROWTHU PALLAVI | 0 |
| 29. | 19UP1A0429 | SYED TABASSUM | В |
| 30. | 19UP1A0430 | JAYASREE BHAVANI | В |
| 31. | 19UP1A0431 | SANGOJU SATHWIKA | В |
| 32. | 1.9UP1A0432 | SEETHAMMAGARI ANITHA | C |
| _33. | 19UP Kondanus o | VVA AKSHAYA | A |

Kondapur (V),
Ghatkesar (M),
Medchal
Malkajgiri (Dt.)
Pin-501301
(T.S.)

Vignan's Institute of Management & Technology For Vic. 53 Kondapur (V), Chatkesar (M), Medchal-Malkajgin (Dt)-501301 Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.



Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

| 24 | 19UP1A0434 | LAKSHMI YESASWINI | A |
|-----|--------------|------------------------|---------------|
| 34. | 19UP1A0434 | SUGGUNA LIKHITA | 0 |
| 35. | | TANKALA HARIKA | A |
| 36. | 19UP1A0436 . | THOOMU SREYA REDDY | В |
| 37. | 19UP1A0437 | UPPULA SHUVALEELA | A |
| 38. | 19UP1A0438 | VANAM ASHVITHA REDDY | В |
| 39. | 19UP1A0439 | VANKUDOTH SANGITHA | B |
| 40. | 19UP1A0440 | V LAXMI VASUNDHARA | 0 |
| 41. | 19UP1A0441 | ANNU PRAGATHI | A |
| 42. | 19UP1A0443 | | $\frac{R}{C}$ |
| 43. | 19UP1A0444 | ANUMOJU KAVYA | В |
| 44. | 19UP1A0445 | BACHANENI SHANMUKHI | 0 |
| 45. | 19UP1A0446 | BANALA SNITHIKA | A |
| 46. | 19UP1A0447 | SIVA NAGA SAI SARANYA | B |
| 47. | 19UP1A()448 | BOGALA ANUSHA | |
| 48. | 19UP1A0449 | BOKKA HARSHITHA | A |
| 49. | 19UP1A0451 | BOLLEPALLY JASHANVI | <u>A</u> |
| 50. | 19UP1A0452 | CHIMAT'A MADHAVI | A |
| 51. | 19UP1A0453 | DASI VENKATA SAHITHAYA | A |
| 52. | 19UP1A0454 | DUGYALA VAISHNAVI | В |
| 53. | 19UP1A0455 | G.SHIRISHA | C |
| 54. | 19UP1A0456 | GABALE NISHITHA | В |
| 55. | 19UP1A0457 | HARSHA VARDHINI . | C |
| 56. | 19UP1A()458 | GUMAMALA SNEHA REDDY | С |
| 57. | 19UP1A0459 | HALDODDI DIVYA | С |
| 58. | 19UP1A0460 | JANJIRALA ANUSHA | В |
| 59. | 19UP1A0461 | KARKURI SOWMYA | В |
| 60. | 19UP1A0462 | KALYANAM MOUNIKA | В |
| 61. | 19UP1A0463 | KOMMINENI JASMITHA | OO |
| 62. | 19UP1A0464 | KONDERU SRAVYA | F |
| 63. | 19UP1A0465 | PRASANNA LAXMI REDDY | В |
| 64. | 19UP1A0466 | GADDAM LIKHITHA | В |
| 65. | 19UP1A0467 | LIMBURE SANTHOSHI | B |
| 66. | 19UPIA0468 | YOGITHA REDDY | F |
| 67. | 19UP1A0469 | MARVALA DEEPIKA | В |
| 68. | 19UP1A0470 | MEDA BHUVANESWARI | 0 |
| 69. | 19UP1A0471 | PADAKULA UMA | С |
| 70. | 19UPIA047 | | В |

COORDINATOR

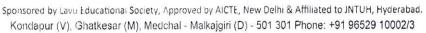
Kondapur (V). Ghatkesar (M), Medchal Malkajgiri (Dt.) Pin-501301

Head of the Department

PRINCIPAL

Vignan's Institute of Management & Technology For Womer Vignan's Institute







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Add on course Assessment: Design of PCB

Branch & Sections: I- II ECE

Academic Year: 2019-20

Name of the Student: D. Vaishnavi

Time: 20mins Max. Marks: 20

Kouqabni (N) Gyappass (M) Maqqyay-yerkalayi (Di) sotzet Manan 2 manana ar manafasmam a manuningh Lot manusi.

Roll No: 19091A0454

Answers the following questions, each question carries 2 Marks.

| Ans | wer | all the Question | S | | T | | | 10 X 1 = 1 | 0 Marks | |
|-----|---|--|----------|---------------------------|-------|-------------------------------|-------------------------------------|---|---------|--|
| 1 | | | | 7. | | oto-sensitive polym | er b | y supporting | [C] [| |
| | ph | otographic patter | nofs | ingle traces or IC p | ads | for etching? | | - | 1 610 | |
| | A | Prepreg | В | Etching | C | Photo-resist | D | Solder mask | | |
| 2 | | hich among the atline Package'? | below | mentioned packag | es do | pes not belong to the | ie ca | tegory of 'Small | [D] | |
| | А | SO | В | SOP | C | SOT | D | SON | | |
| 3 | Which type of solderability testing is carried out for the generation of solder sample due to immersion of wire or sheet metal specimen in a bath of molten solder? | | | | | | | | | |
| | А | | 13 | Meniscus Rise Testing | С | Solder Iron Testing | D | None of the abov | | |
| 4 | | hich among the lesistance Soldering | | stated soldering m | etho | ds is also renowned | as' | High Frequency | [Ad | |
| | Α | Iron Soldering | В | Furnace Soldering | С | Torch Soldering | D | Electrical Soldering | | |
| 5 | | hich among the b sting? | elowi | nentioned approac | hes l | pelongs to the cates | gory | of In-circuit | [c]X | |
| | Α | Impedance Testing | В | Component Testing | С | Apply Signal and check output | D | All of the above | | |
| 6 | | gh current circuit the supply lines t | | ourposely located o | r pla | ced near the edge | of PC | CB in accordance | [A] | |
| | Α | Removal of heat | Bayell | Isolation of says current | С | Reduction of path length | D | All of the above | | |
| 7 | W | hat is/are the con | depuricy | regito provide guar | ding | to precision differ | entia | al amplifiers? | [c] | |
| I | 110.00 0- 0- | Malka, Pin.: | deha | N FOLK | | Vignan's Institute of Mana | INCIPA gemen (M), Ma angan | AL 1. & Technology For Woman 1. & Technology | 1 | |



Sponsored by Lave Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad. Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

| | | 1 | | | | | | | -1 111-11-11-11.) | |
|-----|-----|---|--------------------|--|-----------------|--|----------------|--|-------------------|---|
| | A | To increase leakage resistance | В | To reduce capacitance between signal conductors & ground | С | Both a and b | D | None of the above | | |
| 8 | pro | hich phenomenovided by power | on is n | ot reduced by the ceturn planes for sh | circu ieldir | it paths of lowest in purposes? | mpec | lances especially | 134 | |
| | A | Radiation | В | Convection | C | Noise | D | Crosstalk | | |
| 9 | Wi | Which among the below specified assertions is not a grounding consideration associated with ADC as well as DAC? | | | | | | | | |
| | А | Analog side to analog ground | В | Digital side to digital ground | С | Use of separate power supply and connection of | D | Reduction of inductive loop area between power and return traces | | |
| [1) | of | rich among the b ground and supp | elow : oly line | stated devices/equi e noise especially i | pmei n TT | nts are preferred fo L/CMOS / ECL Po | r elir CB d | nination | [2] | K |
| | A | Coupling capacitor | В | Decoupling capacitor | С | Snubber circuits | D | All of the above | | |

Marks Obtained: 12
Total Marks: 20

Kondapur (V),
Ghatkosar (M),
Medchal
Malkalgiri (Dt.)
Pin-501301
(T.S.)

PRINCIPAL
Vignan's Institute of Management & Technology For Women
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchat-Malkajgiri (Dt)-501301
Telangana State