PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (Autonomous) KANURU, VIJAYAWADA

Department of Electronics and Communication Engineering

Academic Year 2023-2024

Certification Courses:

i.   i. 111 students of III B.Tech completed the Certification Course in **JAVA** through **Spoken Tutorials** offered by IIT Bombay in the month of October, 2023. No. of registered students 122.

ii.   117 students of III B.Tech completed the Certification Course in **Python 3.4.3** through **Spoken Tutorials** offered by IIT Bombay in the month of October, 2023. No. of registered students 125.

iii.   **NPTEL Online Certification Course** was conducted by Various III's during June-December 2023. Exam was conducted in the month of September and October 2023. Following are the details of IV, III & II B.Tech certified students.

S.No	Reg No.	Name of The Student	Year of study	Name of The Course Registered	Score	Certificate Type
1	21501A04C5	V. Sowjanya	III	Big Data Computing	63%	Elite
2	21501A0445	Gssp Karthik	III	C Based VLSI	44%	Successfully Completed
3	22501A04C3	Bala Siva Sai Satyanarayana Uddagiri	II	C Programming and Assembly Language	46%	Successfully Completed
4	23505A0408	Meduri Jahnavi	II		44%	Successfully Completed
5	21501A0403	Akkipalli Vasavya	III	Digital Circuits	60%	Elite
6	21501A0408	Arigela Sivaram	III		75%	Elite + Silver
7	21501A0424	Ch.Gurubabu	III		68%	Elite
8	21501A0452	Kareti Sri Krishna	III		54%	Successfully Completed
9	21501A0454	Kavilikatta Varsha	III		61%	Elite
10	21501A0464	Kovuri Sai	III		61%	Elite
11	22505A0407	Parasa Thapaswi	III		58%	Successfully Completed
12	22505A0409	Sivaratri Narayana Swami	III		63%	Elite
13	21501A0410	Bande Manoj	III		71%	Elite
14	21501A0414	Bhagavathula Lakshmi Venkata Sarvani	III		71%	Elite
15	21501A0442	G.J.S.L.Phanindra	III		77%	Elite + Silver
16	21501A0455	Kavyasri Kanaka	III		58%	Successfully Completed
17	21501A0474	Mandala Jahnavi	III		62%	Elite
18	21501A04A0	P V N S Surya Priya	III	Google Cloud Computing	63%	Elite

19	21501A0485	Muvvala Haritha	III	Foundations	58%	Successfully Completed
20	22501A04B2	Anand	II		56%	Successfully Completed
21	21501A04A3	Rajulapati Puneetha	III		57%	Successfully Completed
22	22501A0468	Kommukuri Charan	II		45%	Successfully Completed
23	22501A04A0	Pamarthi Vaishnavi	II		56%	Successfully Completed
24	22501A04C7	Manasa Vanukuru	II		52%	Successfully Completed
25	21501A04B4	Talluri Divya Naga Durga	III		57%	Successfully Completed
26	20501A0495	Rompellisantoshkumar	IV	Hardware Modelling Using Verilog	75%	Elite + Silver
27	20501A04A8	Thollikonda Esther Rani	IV	Introduction To Machine Learning	66%	Elite
28	20501A04C6	Yadavalli Omkar	IV		68%	Elite
29	21505A0401	Sri Khyathi	IV	Introduction To Internet of Things	72%	Elite
30	21501A0488	N.Bhovaneswari	III	Modern Digital Communication Techniques	56%	Successfully Completed
31	21501A04D0	Y Chamundeswari	III	Problem Solving Through Programming In C	62%	Elite
32	21501A04B0	Shaik Saleem	III	Programming In Java	56%	Successfully Completed
33	21501A04A2	P Vivek Raj Manoj	III		57%	Successfully Completed
34	21501A0469	Bharath Narasimha Rao Madakam	III		54%	Successfully Completed
35	21501A0493	Palle Srinivasareddy	III		67%	Elite
36	22501A0461	Kodali Praneetha	II	Psychology Of Everyday	60%	Elite
37	22501A0452	Kandikonda Anisha	II		51%	Successfully Completed

38	21501A0477	Mediboyina Praveen Kumar	III	Sensor Technologies: Physics Fabrication And Circuits	68%	Elite
39	22501A0461	Kodali Praneetha	II	Stress Management	80%	Elite + Silver
40	20501A04B7	Vanga Ganesh Sai Kartheek	IV	VLSI Design Flow RTL to GDS	88%	Elite + Silver
41	22505A0406	Ogirala Bindu Madhavi	III		55%	Successfully Completed

iv. **NPTEL online certification courses** conducted by various IIT's during the period June-Dec 2023 and Jan-April 2024. Following are the details of various courses done by students under the A.Y:2023-24.

S.No	Reg. No	Name of The Student	Year	Name of the Course Registered	Score	Certificate Type
1	20501A0439	Kaligithi Dharani Supraja	IV	Introduction To Industry 4.0 And Industrial Internet of Things	53	Successfully completed
2	21501A0408	Arigela Sivaram	III	Evolution of Air Interface Towards 5G	64	Elite
3	21501A0410	Bande Manoj	III	Evolution of Air Interface Towards 5G	49	Successfully completed
4	21501A0414	Bhagavathula Lakshmi Venkata Sarvani	III	Evolution of Air Interface Towards 5G	73	Elite
5	21501a0442	Gjslphanindra	III	Evolution of Air Interface Towards 5G	53	Successfully completed
6	21501A0451	Kandula Naga Praveen	III	Evolution of Air Interface Towards 5G	52	Successfully completed
7	21501A0452	Kareti Sri Krishna	III	Evolution of Air Interface Towards 5G	56	Successfully completed
8	22505A0406	Ogirala Bindu Madhavi	III	Evolution of Air Interface Towards 5G	61	Elite
9	21501A0474	Mandala Jahnavi	III	Evolution of Air Interface Towards 5G	54	Successfully completed
10	21501A0477	Mediboyina Praveen Kumar	III	Evolution of Air Interface Towards 5G	54	Successfully completed
11	21501A0485	Muvvala Haritha	III	Evolution of Air Interface Towards 5G	48	Successfully completed
12	21501A04A0	P.Veena Naga Sri Surya Priya	III	Evolution of Air Interface Towards 5G	71	Elite
13	21501A04A3	Rajulapati Puneetha	III	Evolution of Air Interface Towards 5G	61	Elite
14	21501A04A6	Akhila Salapati	III	Evolution of Air Interface Towards 5G	63	Elite
15	21501A04B4	Talluri Divya Naga Durga	III	Evolution of Air Interface Towards 5G	65	Elite
16	21501A04D0	Yekula Chamundeswari	III	Evolution of Air Interface Towards 5G	47	Successfully completed
17	22505A0407	Parasa Thapaswi	III	Evolution of Air Interface Towards 5G	69	Successfully completed
18	21501A0412	B Nikhitha	III	Problem Solving Through Programming in C	41	Successfully completed

19	21501A0419	Bommareddy Neelima	III	Problem Solving Through Programming in C	41	Successfully completed
20	22505A0407	Parasa Thapaswi	III	Problem Solving Through Programming in C	55	Successfully completed
21	22501A0439	Garray Shyam Venkata Rama Swamy	II	Problem Solving Through Programming in C	52	Successfully completed
22	22501A0460	Katuru Gunadeep	II	Problem Solving Through Programming in C	42	Successfully completed
23	22501A0461	Kodali Praneetha	II	Problem Solving Through Programming in C	57	Successfully completed
24	22501A0463	Kokku Rupesh Hari Sai	II	Problem Solving Through Programming in C	42	Successfully completed
25	23505A0403	Jithin Krishna Chintha	II	Problem Solving Through Programming in C	64	Elite
26	22501A0469	Konduri Venkata Naga Sri Guru Sasank	II	Problem Solving Through Programming in C	44	Successfully completed
27	22501A04A5	Prekki Satya Vamsi Krishna	II	Problem Solving Through Programming in C	41	Successfully completed
28	22501A04C3	Bala Siva Sai Satyanarayana Uddagiri	II	Problem Solving Through Programming in C	66	Elite
29	23505A0408	Medurijahnavi	II	Problem Solving Through Programming in C	43	Successfully completed
30	23505A0409	Polagani Siva Babu	II	Problem Solving Through Programming in C	54	Successfully completed
31	21501A0224	Chatala Gurubabu	III	Introduction to Programming in C	78	Elite
32	21501A0483	Mohammad Sohail	III	Introduction to Programming in C	82	Elite
33	22501A0441	Gudapati Srujana	II	Introduction to Programming in C	49	Successfully completed
34	21501A04A9	Shaik Chinthapalli Fareed Baba	III	Cloud Computing	52	Successfully completed

35	21501A04B2	Shaik Sultan Basha	III	Cloud Computing	63	Elite
36	22505A0409	Sivarathri Narayanaswami	III	Microprocessors And Interfacing	57	Successfully completed
37	22501A0450	Kancharla Nishitha Krishna	II	Analog Circuits	50	Successfully completed
38	22501A0480	Marupuru Venkat Hari Chandana		Analog Circuits	50	Successfully completed
39	22501A0498	Pagolu Sreeha Niveda	II	Analog Circuits	52	Successfully completed
40	22501A04C5	V S L Lavanya Kompella	II	Analog Circuits	53	Successfully completed
41	22501A04C4	Uma Kureti	II	User-Centric Computing for Human-Computer Interaction	47	Successfully completed

v. **111** students of II B.Tech has completed certification course on **Basics of Python** offered by Infosys during Feb-March 2024.

vi. **3** students of III B.Tech has completed certification course on **Python Foundation certification** offered by Infosys during Feb-March 2024.

Student Participations:

c) Extra-curricular Activities:

i. Ms. Rugvedam Padma Sri of IV ECE has been certified in the field of Music and Art By Continuous professional Development (CPD), American Merit Council

S.No	Reg No.	Name of The Student	Year of Study	Name of The Institute	Paper/Poster/Project Contest Held On /At)	Title Of The Paper/ Poster/Project	Prize Won
1.	21501A0449	K.Dhavan Sai	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	I Prize
2.	21501A0405	A.Sai Kalyan	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	II Prize
3.	21501A04D0	Y.Chamundeswari	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
4.	22505A0406	O.Bindu Madhavi	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
5.	21501A0410	B.Manoj	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	III Prize
6.	21501A0461	K.Bhagya Sri	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
7.	21501A0406	A.Sai Ram Swaroop	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
8.	21501A0462	K.Bhavani	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
9.	21501A04A3	R.Puneeth	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
10.	21501A04B4	T.Divya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
11.	21501A04A9	Sk.Fareedbaba	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation

12.	21501A04B0	Sk.Saleem	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
13.	21501A04C6	V.Aakanksha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
14.	22505A0411	V.V Vardhan Babu	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
15.	21501A0476	M.Saritha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
16.	21501A0471	M.Bhavana	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
17.	21501A04A0	P.Priya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
18.	21501A0485	M.Haritha	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
19.	21501A0486	M.Sravya	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
20.	21501A0491	O.Gayatri	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
21.	21501A04C7	Y.Sanjana	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
22.	21501A0495	P.Lokeshwari	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
23.	21501A0497	P.Chandu	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
24.	21501A0498	P.Soulreynodar	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
25.	21501A0474	M.Jahnavi	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
26.	21501A04A2	P.Vivek	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation

27.	21501A0493	P.Srinivasa Reddy	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
28.	21501A0469	M.Bharath	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
29.	21501A0467	K.Jayaram	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation
30.	21501A0477	M.Praveen Kumar	III	Gora Science Centre, Benzcircle, Vijayawada	8.8.2023	Essay Writing	Participation

ii.   Ms. G.Srujuna Reg.No: 22501A0441, J.Thabitha 23505A404 secured 3rd prize in CIRCUIT CRAZE conducted by Sunrise, NRI College, Pothavarappudu.

iii.   Ms. G.Srujuna Reg.No: 22501A0441 & Ms. J.Thabitha 23505A404 secured 2nd prize in paper presentation conducted by Sunrise, NRI College, Pothavarappudu.

iv.   Mr. K. Gunadeep Reg.No: 22501A0460, Mr. Shankar Reg.No: 22501A471 secured 1st prize in Technical Quiz conducted by QIS College of Engineering &Technology, Ongole on 07th February 2024.

v. Ms. Gnana Prasoona Reg.No: 22501A0404, CH.Anusha Reg.No: 22501A413, CH.Yamini Sushma Reg.No: 22501A415, K.Anisha Reg.No: 22501A452, Ms. K.Shanmathi Reg.No: 22501A446, Ms. K. Praneetha 22501A0451 secured 2nd prize in throw ball conducted by Qis College of Engineering &Technology, Ongole on 8th February 2024.

vi. 14 students of II B.Tech participated in Technical Quiz Qis College of Engineering &Technology, Ongole on 8th February 2024.

vii. K Praneetha 22501A0461, Ch.Likhitha 22501A0420, Mr. B.Dhanush 22501A430, Mr. E. Vardhan Babu Reg.No: 22501A432, Ms. K. Shanmathi Reg.No: 22501A446, Ms. K. Anisha Reg.No: 22501A0452 participated in Dance conducted by QIS College of Engineering &Technology, Ongole on 08th February 2024.

Student Paper Publications and Presentations:

i. P.S.N.M.Manasa, Md.Jabeer Shareef, N.Sai Likhith, V.Swathi Sree published a paper entitled **Comprehensive Liver Tumour Detection And Stages Classification Using Deep Learning** - Journal of Aeronautical Materials, ISSN: 1005-5053; Vol:44; Issue:1;PP No: 81-89; March 2024. (Scopus)

ii. Rabia Kousar, V. Pallavi, V. Venkata Rao, Ch. Venkata Sai published a paper entitled **Osteosarcoma Bone Cancer Detection Using Convolutional Neural Networks and Supervised Deep-Learning Methods** - Journal of Aeronautical Materials, ISSN: 1005-5053; Vol:44; Issue:1; PP No: 72-80; March 2024.

iii. Mohammed Naseer Baig, Vanga Ganesh, Sai Kartheek, Peddobotla Satya Kowmudi, Rajula Pati Pradeep presented a paper on **Power v-Optimized Approximate Multiplier with Tunable Accuracy** - ICIET-24, organized by National Institute for Engineering and Research, Coimbatore, India on 2nd March 2024.

iv. D.Sai Revanth, B.Puja Madhuri presented a paper on **Secure Touch:Iot-Enabled Finger-Touch Authentication For Seamless Mobile Security** - 4th International Conference on Nano Electronics ,Machine Learning ,Internet of Things &Computing Systems(NMIC-2024), organized by Advanced Regional Telecom Training Center, Ranch, Jharkhand, India during 13th – 14th April 2024.

v. Nagabathula Lakshmi Gayathri,Peta Asha,Vadlamudi Sangeetha,Pabolu Venkata Dinesh, presented a paper on **Development of Skin Lesion Classification System Based on Watershed Algorithm and Custo CNN** - 4th International Conference on Nano Electronics, Machine Learning, Internet of Things & Computing Systems(NMIC-2024), organized by Advanced Regional Telecom Training Center, Ranch, Jharkhand, India during 13th – 14th April 2024.

vi. Mallampally Manvitha Naga Sri presented a paper on **Co-Circular Design of Dual –Band Micro Strip Patch Antenna for 5G Mobile Terminals** - 4th International Conference on Nano Electronics, Machine Learning, Internet of Things &Computing Systems(NMIC-2024), organized by Advanced Regional Telecom Training Center, Ranch, Jharkhand, India during 13th – 14th April 2024.

vii.   Shaik Hussainbee, Velamala Lakhmi Narasimha, Vadlamani Sarya Bharathi, Shaik Firoj presented a paper on **Enhanced Retinal Image Analysis for Diabetic retinopathy detection Using Efficientnetb3** - 12th International Conference On Recent Challenges in Engineering and Technology(ICRCET-2024) organized by Institute for Educational Research And Publication (IFERP), Bengaluru, India during 23rd – 24th April 2024.