



Goldenbarrel
Technologies Private Limited

JOIN NOW



Now in Marathahalli!

We are thrilled to announce the opening of our new branch in Marathahalli, Bengaluru – your go-to destination for top-notch VLSI training and career development!



Courses We Offer

- ✓ Analog Design
- ✓ Analog Layout
- ✓ Design Verification
- ✓ RTL Design
- ✓ FPGA
- ✓ Physical Design
- ✓ DFT

Who Can Enroll?

- ✓ Engineering graduates
- ✓ Working professionals
- ✓ Final-year students

Why Choose Us?

- Expert Trainers
- Practical Labs
- Placement Support
- Flexible Timings

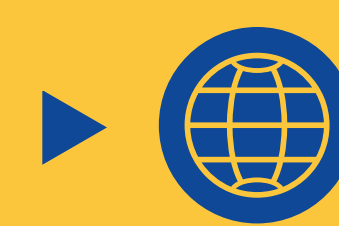
Contact Us



Phone Number:
+91 99455 05962



Email:
info@goldenbatreltech.com



Website:
www.goldenbarreltech.com



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Technologies Private Limited

GOLDEN BARREL TECHNOLOGIES PVT LTD &
DEV'S VLSI TRAINING INSTITUTE

DURATION: 6+ MONTHS

ADVANCED VLSI DV TRAINING

ASIC/IP DV TRAINING SYLLABUS

- DIGITAL ELECTRONICS & VERILOG
- VERILOG DESIGN AND VERIFICATION PROJECTS(TLC,1 PORT RAM-ROM,FIFO(SYNC,ASYNCR),ELEVATOR FSM'S-4 TYPES)
- SV & SV PROJECT(RISC BASED MIPS PROCESSOR)
- UVM
- UVM PROJECTS(APB3 UVM VIP DEVELOPMENT,AXI3 DESIGN VERIFICATION,ETHERNET MAC 10G DESIGN VERIFICATION- VERIFICATION CODES ONLY WILL BE EXPLAINED)
- LINUX FOR DV
- SCRIPTING FOR DV
- TOOLS: MODELSIM,QUESTASIM,EDA PLAYGROUND,GVIM=>IN FUTURE,WE MAY PROVIDE NEW ADVANCED TOOLS
- INTERVIEW GUIDANCE AND RESUME PREPARATION
- PRACTICE(PRESENTATION) SESSIONS TO IMPROVE PRESENTATION SKILLS,COMMUNICATION SKILLS,ENGLISH
- ASSIGNMENTS DAILY,EXAMS WEEKLY,MOCK INTERVIEWS MONTHLY
- AFTER TRAINER SESSION,THERE WILL BE A MENTOR SESSION FOR PRACTICE,LAB AND FOR DOUBTS CLARIFICATION
- GUEST LECTURES(TECHNICAL AND FOR INTERVIEW PRACTICE) BY SENIOR INDUSTRY PROFESSIONALS

TRAINING EXCELLENCE ASSURED

- ✓ **NOTE -1 : AFTER COMPLETION OF ABOVE SYLLABUS,PLACEMENT PROCESS WILL START,WHILE APPLYING TO JOBS STUDENTS WILL LEARN PCIE/DDR/I3C(ANYONE/SOME/ALL)-VERIFICATION CODING AND/OR THEORY ONLY**
- ✓ **NOTE-2 : OUR SYLLABUS WILL GIVE YOU KNOWLEDGE LEVEL OF 3+ YEARS EXPERIENCE**
- ✓ **NOTE-3 : MAIN TRAINER(DEV),OFCOURSE WE HAVE A TEAM OF 10+ TRAINERS AND 10+ MENTORS**
- ✓ **NOTE-4 : AS PER INDUSTRY REQUIREMENT,WE UPDATE THE SYLLABUS**
- ✓ **NOTE -5: GIVING BEST TRAINING ACCORDING TO INDUSTRY STANDARD AND FACILITATING INTERVIEWS IS OUR RESPONSIBILITY THEN PROPER UTILIZATION OF TRAINING AND PERFORMING GOOD IN JOB INTERVIEWS IS THE STUDENT RESPONSIBILITY**
- ✓ **NOTE-6: RECORDINGS/MATERIALS WILL BE PROVIDED FOR E-LEARNING(FOR COURSE DURATION) & FOR ONLINE-OFFLINE ALSO(WITH LIMITED DAYS ACCESS ONLY).**
- ✓ **NOTE-7 : COURSE COMPLETION CERTIFICATE PROVIDED BASED ON OVERALL COURSE PERFORMANCE**

FEE :

RS. 50000(OFFLINE),

RS. 42000(ONLINE/E-LEARNING)

**INCLUDING TAXES AND WITH
PLACEMENT SUPPORT.**



COURSE MODES:

ONLINE,E- LEARNING AND OFFLINE
(BANGALORE-MARATHAHALLI & HYDERABAD-SR NAGAR)

FOR PLACEMENTS



Contact Us

+91 99455 05962

FOR COURSE DETAILS



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+91 91826 86908



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**GOLDEN BARREL TECHNOLOGIES PVT LTD &
DEV'S VLSI TRAINING INSTITUTE**

DURATION: 6 MONTHS

VLSI FPGA BASED DESIGN VERIFICATION & IMPLEMENTATION TRAINING

SYLLABUS

- DIGITAL ELECTRONICS
- FPGA BASED VERILOG CODING
- SV BASICS
- FPGA FUNDAMENTALS
- FPGA TOOLS,BOARDS : VIVADO,SPARTAN,ARTIX,ZYNQ,CIRCUIT VERSE,DOCKLIGHT =>IN FUTURE,WE MAY PROVIDE CYCLONE BOARDS AND RELATED TOOLS
- FPGA EXPERIMENTS(COMBINATIONAL,SEQUENTIAL CIRCUITS)
- FPGA MINI PROJECTS(RTC,PWM,TLC,LCD,SEVEN SEGMENT DISPLAY,LDR,TEMPERATURE SENSOR,STOP WATCH/TIMER,ELEVATOR FSM'S-4 TYPES ETC)
- FPGA MAJOR PROJECTS(PLL,VGA,CORDIC IP,BROM IP,BRAM IP,XADC IP,FIFO IP,DMA-AXI IP,GPIO IP,SERIAL PROTOCOLS-UART,I2C,SPI)
- HLS(HIGH LEVEL SYNTHESIS)
- INTERVIEW GUIDANCE AND RESUME PREPARATION
- PRACTICE(PRESENTATION) SESSIONS TO IMPROVE PRESENTATION SKILLS,COMMUNICATION SKILLS,ENGLISH
- ASSIGNMENTS DAILY,EXAMS WEEKLY,MOCK INTERVIEWS MONTHLY
- AFTER TRAINER SESSION,THERE WILL BE A MENTOR SESSION FOR PRACTICE,LAB AND FOR DOUBTS CLARIFICATION
- GUEST LECTURES(TECHNICAL AND FOR INTERVIEW PRACTICE) BY SENIOR INDUSTRY PROFESSIONALS

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**GOLDEN BARREL TECHNOLOGIES PVT LTD &
DEV'S VLSI TRAINING INSTITUTE**

DURATION: 6 MONTHS

ADVANCED VLSI RTL TRAINING

VLSI RTL COURSE SYLLABUS

- DIGITAL ELECTRONICS & VERILOG
- VERILOG DESIGN AND VERIFICATION PROJECTS(TLC,1PORT RAM-ROM,FIFO(SYNC,ASYNCR), ELEVATOR FSM'S-4 TYPES ,RISC BASED MIPS PROCESSOR,2-PORT RAM,SPI,I2C,UART,INTERRUPT CONTROLLER ETC)
- SV BASICS AND SOME SV BASED DESIGN CODES
- MAIN DESIGN PROJECTS(APB3-AXI3-ETHERNET MAC 10G-PCIE ETC)
- TOOLS: MODELSIM,QUESTASIM,EDA PLAYGROUND,GVIM,CADENCE JASPER GOLD FOR FORMAL VERIFICATION & LEC,SPYGLASS FOR LINT,FOR SYNTHESIS-CADENCE GENUS/SYNOPSYS-DC/FC ETC
- FPGA FUNDAMENTALS,VIVADO TOOL,SPARTAN FPGA ETC
- RTL CONCEPTS(RTL INTEGRATION-SYNTHESIS,LEC,LINTING,CDC ETC)
- INTERVIEW GUIDANCE AND RESUME PREPARATION
- PRACTICE(PRESENTATION) SESSIONS TO IMPROVE PRESENTATION SKILLS,COMMUNICATION SKILLS,ENGLISH
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Trainee Engineers TESTIMONIAL



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VLSI Triumph



I recently completed a course on VLSI (Analog Layout) training at Golden Barrel Technologies. The course was incredible and covered everything from starting with the fundamentals and progressing to real-world layout projects. I had opportunity of learning from highly experienced mentor who provided invaluable guidance. Especially the mock interview sessions were particularly helpful in preparing me for real-world job interviews, ultimately leading to me securing a position in the industry. I am now well-prepared to embark on a rewarding career in the exciting field of VLSI. Thank you.

NAVEEN M

Physical design Engineer

Placed in : Zilika Technologies Pvt Ltd



Professional Growth



I am grateful for the training I received at Golden Barrel and got placed in Endivite Technologies PVT limited and now working for client company NXP. The skills and knowledge I acquired have prepared me well for my career. The balance between theoretical knowledge and practical application was particularly beneficial. I would highly recommend this program to anyone seeking comprehensive and practical training in this field.

S HARSHA VARDHANAN

Design Trainee Engineer

Placed in :Endivite Technologies Pvt Ltd



During my training at Golden Barrel Institution in VLSI, I went deep into the domain of Analog layout design engineering. Through a comprehensive period, I gained proficiency in custom IC design, circuit optimization, and layout extraction. With hands-on experience in layout design I improved my skills in layout and floorplanning. I executed various projects and innovation within a team environment. This experience not only facilitated personal and professional growth but also built a sense of confidence in tackling design challenges. Now I am excited to start my Career at NXP semiconductors as Design engineer

VIKRAM SHARMA S

Design Trainee Engineer

Placed in :Endivite Technologies Pvt Ltd



Skills Mastery



Goldenbarrel was the best training institute to learn the best technology/skills on Quality analyst which is required for the best in market. I personally thank all the trainers helped me to increase my confidence to crack the interview. And even presentation helped me to increase my communication level and mocks helped me to overcome interview fear. Goldenbarrel is one of the best platform to start career in the industry. Thank you Goldenbarrel helped me to get placed in *Karmic semiconductors Manipal

SYED RAFIQSHA

Analog Layout Engineer

Placed in :Karmic semiconductors



Journey to Placement



My name is jairama student of golden barrel institute I'm glad to provide you all feedback about the institute overall my experience to date has been amazing this institute has provide me with a number of opportunities to grow and explore my skills the teachers are highly supportive I got placed in Karmic semiconductor pvt limited I am working from past 1 year. Thanks for Trainer

JAIRAMA

Analog Layout Engineer

Placed in :Karmic semiconductors



Career Success



I am grateful for the training I received at Golden Barrel and got placed in Green semiconductors As Analog Layout Engineer.

HARIPRIYA

Analog Layout Engineer

Placed in : Green semiconductors



Path to Success



I learned about the Golden Barrel through a college friends who had started their course a few days before I joined. Following the completion of my BE in ECE, and not securing a placement through my college campus, this training institution proved invaluable. It provided me with the opportunity to restart from the basics and acquire layout skills from experienced industrial trainers. The supportive environment fostered valuable insights, practical knowledge, and debugging skills, facilitating a seamless transition from theoretical concepts to hands-on experience in real-world applications. I am grateful for their support, as it ultimately led to my role as an analog layout engineer at MMRFIC.

DHANANJAYA N

Analog Layout Engineer

Placed in :MMRFIC Technologies pvt limited



My Journey at Golden Barrel



I had a fantastic experience at Golden Barrel Technologies. And I have placed at Green Semiconductors. The instructors were highly knowledgeable and delivered the course content effectively. The hands-on practical sessions were particularly valuable, allowing me to apply theoretical concepts in a real-world setting. The institute's emphasis on industry-relevant skills and the latest technologies in Analog Layout design greatly enhanced my learning experience. I would highly recommend Golden Barrel Technologies to anyone looking to deepen their understanding of Analog Layout design and advance their career in this field.

MANJUNATH PUJAR

Analog Layout Engineer

Placed in : Green semiconductors



Career Placement



I am grateful for the training I received at Golden Barrel and got placed in Green semiconductors As Analog Layout Engineer.

DARSHINI C N

Analog Layout Engineer

Placed in : Green semiconductors



Analog Layout Success



I recently completed an analog layout internship at Golden Barrel Private Limited, which was a great experience. Throughout the internship, I have learned many of the basic foundational concepts of Analog Layout Design which were found to be very helpful during the interview sessions. The training by the professional mentors provided enhanced my skills and knowledge. Many of the mock interview sessions were carried out the internship period which boosted my confidence and prepared me for the actual job interviews. Through this internship, I have not only gained extensive knowledge but also got placed at HCL Tech Ltd. I thank everyone who were been a great support during this journey of mine. I also strongly recommend anyone looking to create a career in VLSI analog layout domain

RACHANA GOWDA D PATIL

Analog Layout Engineer

Placed in : Green semiconductors



My Journey at Golden Barrel



I recently completed an analog layout internship at Golden Barrel Private Limited, which was an incredibly valuable experience. The program offered thorough training in VLSI design, emphasizing analog layout using tools like Cadence. The curriculum combined theoretical learning with practical application, allowing me to work on real projects. The mentorship from experienced professionals was outstanding, greatly enhancing my skills. The collaborative environment fostered teamwork and innovation, preparing me well for a career in VLSI design. Additionally, I secured a placement at HCL Tech Ltd. thanks to the robust training and support from Golden Barrel. This internship significantly boosted my confidence and capabilities, and I highly recommend it to anyone looking to advance their career in VLSI analog layout design.

RAKASHITA B

Analog Layout Engineer

Placed in :HCL Tech



CONTACT US

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Bengaluru



goldenbarrel.education



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Golden Barrel Technical Education

Trainee Engineers TESTIMONIAL



Goldenbarrel
Technologies Private Limited

A Transformative Journey

★★★★★

Excited to share my transformative internship experience in Analog Layout Design at GoldenBarrel Private Limited. Starting with no prior experience, I gained a solid foundation and practical exposure, thanks to exceptional mentorship and industry-focused training. This journey has not only honed my technical skills but also paved the way for my placement at Karmic Design Pvt. Ltd. For anyone pursuing excellence in Analog Layout Design, I wholeheartedly recommend GoldenBarrel for its methodical approach, supportive environment, and focus on growth.

HARSHA
Analog Layout Engineer
Placed in : Karmic semiconductors

A Journey Worth Sharing

★★★★★

I've completed my internship at GoldenBarrel Private Limited, specializing in Analog Layout Design. Starting from scratch, I gained a solid foundation, hands-on experience, and invaluable mentorship, leading to my placement at Karmic Design Private Limited. For aspiring Analog Layout designers, I highly recommend GoldenBarrel for its structured training, industry focus, and supportive environment. Grateful to the GoldenBarrel team for this transformative experience!

VINUTHA
Analog Layout Engineer
Placed in : karmic semiconductors

My Analog Layout Journey

★★★★★

I recently completed an internship in Analog Layout Design at Golden Barrel Pvt. Ltd., an invaluable learning experience that laid a strong foundation in the field. The mentorship, mock interviews, and hands-on training boosted my confidence and skills, helping me succeed in interviews and secure placement at LEADIC DESIGN Pvt. Ltd. Grateful for the support I received, and I highly recommend this program to anyone aspiring to excel in the VLSI analog layout domain!

PRASANTH
Analog Layout Engineer
Placed in : leadic Design

CONTACT US