**Course Template**

**Amrita Vishwa Vidyapeetham**

**Campuses at**

**Amritapuri(Kollam), Bangalore, Coimbatore, Kochi, Mysore**

**(Please Indicate/Highlight Course(s) Due to Assessment)**

1. **Courses offered at Amrita University-**
2. **Under-Graduate:**
3. **B.Tech- Core Branches-Aerospace/Chemical/Civil/Mechanical**
4. **B.Tech- Circuit Branches-ECE / EEE / EIE**
5. **B.Tech- Software Branches- CSE**

Abbreviation: CSE-Computer Science Engineering, ECE-Electronics & Communication Engineering, EIE-Electronics & Instrumentation Engineering

1. **Post-Graduate:**
2. **M.Tech Core Branches-**

**Automotive Engineering:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Automotive_Engineering.pdf>)

**Engineering**

**Design:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Engineering_Design.pdf>)

**Automotive Electronics:** <https://www.amrita.edu/program/m-tech-automotive-electronics>

**Manufacturing Engineering:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Manufacturing_Engineering.pdf>)

**Material Science & Engineering:** <https://www.amrita.edu/program/m-tech-material-science-and-engineering>

**Structural & Construction Engineering:** <https://www.amrita.edu/program/m-tech-structural-construction-engineering>

**Thermal & Fluids Engineering**

**Thermal Science & Energy Systems:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Thermal_Sciences_and_Energy_Systems.pdf>)

1. **M.Tech Circuit Branches: VLSI:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_VLSI_Design_0.pdf>)

**Embedded Systems:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Embedded_Systems.pdf>)

**Power Electronics:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Power_Electronics.pdf>)

**Biomedical Engg:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Biomedical_Engineering.pdf>)

**GeoInformatics & Earth Observation:** <https://www.amrita.edu/program/m-tech-geoinformatics-earth-observation>

**Remote Sensing & Wireless Sensor Networks:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Remote_Sensing_and_Wireless_Sensor_Networks.pdf>)

**Wireless Networks & Applications:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Wireless_Networks_and_Applications.pdf>)

**Power & Engery:** <https://www.amrita.edu/program/m-tech-power-energy-engineering>

**Renewable Energy Technology:** <https://www.amrita.edu/program/m-tech-renewable-energy-technology>

**Robotics & Automation:** <https://www.amrita.edu/program/m-tech-robotics-and-automation>

**Communication & Systems:** <https://www.amrita.edu/program/m-tech-communication-systems>

1. **M.Tech Software Branches:**

**AI:** <https://www.amrita.edu/program/m-tech-artificial-intelligence>

**AI & Data Sciences:** <https://www.amrita.edu/program/m-tech-artificial-intelligence-data-science>

**CSE:** <https://www.amrita.edu/program/m-tech-computer-science-engineering>

**Cyber Security:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Cyber_Security.pdf>)

**Computational Engineering & Networking:(**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Computational_Engineering_and_Networking.pdf>)

**Cyber Security Systems & Networks: (**<https://intranet.cb.amrita.edu/sites/default/files/M.Tech_Cyber_Security_Systems%20and_Networks.pdf>)

Abbreviations: VLSI-Very Large Scale Integration, CSE-Computer Science Engineering

1. **MCA & M.Sc-Bio Informatics, Biotechnology**
2. **M.Sc (Integrated 5 years): Physics, Chemistry, Mathematics; M.A(Integrated 5 years): English**
3. Company Details-
4. Company Name & Address:

URL- <https://www.amd.com/en>

1. Company Profile:

Advanced Micro Devices, Inc. (AMD) is an American [multinational](https://en.wikipedia.org/wiki/Multinational_company) [semiconductor company](https://en.wikipedia.org/wiki/Semiconductor_industry) based in [Santa Clara County, California](https://en.wikipedia.org/wiki/Santa_Clara_County,_California) that develops [computer processors](https://en.wikipedia.org/wiki/Computer_processor) and related technologies for business and [consumer markets](https://en.wikipedia.org/wiki/Consumer_markets). While initially it manufactured its own processors, the company later outsourced its manufacturing, a practice known as going [fabless](https://en.wikipedia.org/wiki/Fabless_manufacturing), after [GlobalFoundries](https://en.wikipedia.org/wiki/GlobalFoundries) was spun off in 2009. AMD's main products include [microprocessors](https://en.wikipedia.org/wiki/Microprocessor), [motherboard](https://en.wikipedia.org/wiki/Motherboard) [chipsets](https://en.wikipedia.org/wiki/Chipset), [embedded processors](https://en.wikipedia.org/wiki/Embedded_processor) and [graphics processors](https://en.wikipedia.org/wiki/Graphics_processing_unit) for [servers](https://en.wikipedia.org/wiki/Server_(computing)), [workstations](https://en.wikipedia.org/wiki/Workstation), personal computers and [embedded system](https://en.wikipedia.org/wiki/Embedded_system) applications.

1. Plans for Hiring\*/Internship(final semester)

\*Does hiring lead to mandatory undertaking of internship by the selects? Y/N

M.Tech final Year Students

1. Proposed Job Profile:

We have roles in both our Silicon Team and software teams. We will make that clear when we make the preplacement talk at the campus

1. **Required Eligibility and Skill Sets expected from students**
2. **Eligibility-**

**CGPA (on 10 points scale)- 7+**

**Specify arrear status-**

1. **Skill Sets & other pre-requisites/preferences/Certifications looking for from the following: e.g. NI-CLAD Certification; AWS Certification; BIM Certification\***

**BEC, German\*\***

1. Technical: Domain Knowledge/Basic Programming Skill
2. HR
3. General(Strike out not applicable)-Communication/Logical reasoning/QA
4. Placement Process(Please indicate with tick mark)
5. Pre-Placement Talk
6. Online Aptitude MCQ Test
   1. Quantitative Aptitude
   2. Logical Reasoning
   3. Verbal
   4. Others

If Others please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Online Technical MCQ Test
2. Online Coding Test
3. Group Discussion
4. Case Study
5. Technical Interview
6. HR Interview
7. Online MCQ Test Platform
8. HackerRank
9. HackerEarth
10. Mettl
11. CodeChef
12. AMCAT
13. CoCubes
14. eLitmus
15. Others

If Others please specify the platform \_\_\_\_\_\_Written Test\_\_\_\_\_\_

Online MCQ Test Negative Marking Yes/No

1. Online Coding Test Platform
2. HackerRank
3. HackerEarth
4. Mettl
5. CodeChef
6. AMCAT
7. CoCubes
8. eLitmus
9. Others

If Others please specify the platform \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Programming(Coding) Languages supported by the Platform
2. C
3. C++
4. Java
5. Python
6. Other information regarding the Placement Process you would like to specify

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1. Expected no. of Hires:

Expected no. of Interns: 4-5

1. Place(s) of deployment: Bangalore
2. Assessment Process/Procedure(of Calendar Days required):
3. Compensation Profile(for Full Time Hires):
4. Base Annual Compensation:
5. Variable/Additional Annual Compensation:
6. Stipend(for interns): INR 25000

**\* National Instruments CLAD: Certified LabVIEW Associate Developers**

**AWS: Amazon Web Services;**

**BIM: Building Information Management**

**\*\* BEC: Business English Communication-vantage/advance; German Language Training**