

CHRIST KNOWLEDGE CITYSM

An Engineering College Approved by AICTE
Affiliated to APJ Abdul Kalam Technological University, Kerala
Mannoor, M.C.Road, Muvattupuzha, Ernakulam Dist., Kerala, Pin : 683 541

A Co - Ed Residential Engineering College in KERALA

B.TECH. ENGINEERING COURSES OFFERED

- SB** Naval Architecture and Ship Building
- BN** Blockchain
- AH** Artificial Intelligence and Machine Learning
- CS** Computer Science and Engineering
- CE** Civil Engineering
- ME** Mechanical Engineering
- EC** Electronics and Communication Engineering

**ENGINEERING ADMISSIONS
OPEN FOR 2024-2025,
2025-2026 and 2026-2027**

INSTITUTION
CODE

CKC

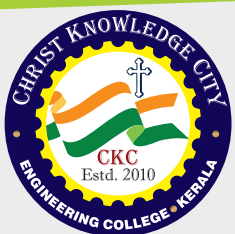
NAVAL ARCHITECT or An EMERGING ENGINEER

Shape your future as a
NAVAL ARCHITECT or
an Emerging Engineer from
APJAKTU/APJ Abdul Kalam
Technological University, Kerala
by Studying in Christ Knowledge
City Engineering College at
Muvattupuzha.



Apply Online
or Contact

+91 86069 08 212
+91 94470 41 215
+91 94470 41 219



e-mail : city@christknowledgcity.com

e-mail : ckcadmissions@gmail.com

YouTube : CHRISTKNOWLEDGECITY

Facebook : www.facebook.com/CKCOFFICIALPAGE

B.TECH LATERAL ENTRY

Lateral Entry Admission to S3/Second Year B.Tech is available for all branches. Entrance like LET is NOT at all required. Those who studied any branch in Diploma can opt/take admission on any B.Tech branch.

Online application forms with
Fee Structure & Eligibility on Website
www.christknowledgcity.com

YEARLY FEES STRUCTURE

Sl	Code	B.Tech Branch	Yearly Tuition Fees
1.	SB	Naval Architecture and Ship Building	₹ 1,35,000/-
2.	BN	Blockchain	₹ 75,000/-
3.	AH	Artificial Intelligence and Machine Learning	₹ 75,000/-
4.	CS	Computer Science and Engineering	₹ 75,000/-
5.	CE	Civil Engineering	₹ 50,000/-
6.	ME	Mechanical Engineering	₹ 50,000/-
7.	EC	Electronics and Communication Engg.	₹ 50,000/-

Hostel Fees (Yearly) - ₹75,000

All payments should be to the Bank Account of Christ Knowledge City

B.TECH - SB / NAVAL ARCHITECTURE AND SHIP BUILDING ENGINEERING

An Introduction to an Emerging Course - Naval Architecture

B.Tech in Naval Architecture and Ship Building Engineering [Course Code SB] focus on design, construction and maintenance of all types of Marine Vessels such as Ships, Yachts, Boats, Oil and Gas tankers, Containers, Passenger Ships, Ferries, Submarines, Seaplanes, Hovercrafts, etc.

An outlook to Christ Knowledge City and this Course

Christ Knowledge City, [College Code CKC] offers Seven (07) Nos. B.Tech branches among that Naval Architecture and Ship Building Engineering [Course Code SB] is the Flagship Course. The College is affiliated to APJAKTU/APJ Abdul Kalam Technological University and approved by AICTE, New Delhi. Both Male and Female students are eligible for admission to this course. Students having aptitude in Architecture, Civil, Mechanical and Design are well suited to study. The Department of Naval Architecture is equipped with State of the Art facilities including the latest Ship Design Software to prepare the students for a career in their exciting field of this engineering.

An approach to the field of Naval Architecture And Ship Building

A Naval Architect is involved in design, quality control, estimation, repair and construction of Naval vessels. No other career offers the same amount of responsibilities at once. This field provides upcoming opportunities to a dynamic career in which the student will be able to design Ships, boats and learn the different marine equipment's used onboard the Ship. Some of the platforms they design are

ADMISSION ELIGIBILITY

Pass in any 10+2 like Kerala / CBSE / ISE / VHSE

45% Aggregate Marks for Physics, Chemistry, Maths

Qualified / Rank in KEAM or JEE (Main)

Even with Academic Eligibility only, admissions can be taken

INCLUDED IN THE FEES

Tuition Fee / Special Fee / Library Fee

EXCLUDED IN THE FEES

Admission Fees / Caution Deposit / Hostel Stay and Mess Transport / Bus Fee / Uniform / All University Fees / Note and Text Books / Value Added Fees

among the largest, most complex and highly valued moveable structures produced by mankind. They undertake tasks like the design of the Ship's Hull (main body) form, Ship interior design, structure, and stability of hulls. The need to design environmental-friendly Ships (greenship) and systems to transport energy products, such as liquefied natural gas.

An attraction to opt B.Tech Naval Architecture And Ship Building

This B.Tech Branch of Study - Naval Architecture and Ship Building Engineering has only limited seats (say 96 seats) in Kerala. On the other hand branches like Civil Engineering, Mechanical Engineering, Electronics and Communication Engineering, etc. have around 7500 seats each in Kerala, from this statistics, it is evident that none of the B.Tech Naval Architects are without job/placement. Moreover, the starting package of any Naval Architect is Ten Lakh per annum.

Programme Educational Objectives

This Programme aims at creating a successful and distinguished Naval Architect with innovative and creative thinking skills that adds to the professional growth of the student. We also believe in providing the students with high moral values and societal responsibilities.



Programme Outcomes

A Naval Architect from our Institute will be able to apply knowledge of Mathematics, Science and Engineering in their specialization involving complex engineering problems, to Design a system component or process to meet the desired needs and standards within realistic constraints such as public health and safety, social and environmental considerations also to add up that he/she will be able to Work with multi-disciplinary teams, involve in team activities and accomplish a common goal.

Higher Study Options

After B.Tech Graduation, Naval Architects students have many higher study options at Post graduate level which are mainly in

- Naval Architecture
- Ship Building
- Ship Technology
- Naval Structural Engineering
- Marine Engineering
- Offshore Engineering
- Ocean Technology
- Ocean Engineering
- Subsea Engineering
- Marine Survey
- Harbour and Ocean Engineering
- Offshore Energy Engineering
- Underwater Cable System, etc.

Research and Development - Possibilities

Research Scholar, Fellows, Scientist at NSTL, NPOL, DRDO, ONGC, EIL etc.

Academic Opportunities

Naval Architects with Post graduation have always openings in Teaching Profession – starting from Assistant Professor to Associate Professor to Head of the Department and then as Principal/ Director in Colleges / Universities where this course is offered. This field has always a heavy demand because seasoned Naval Architects prefer to be in the Industry due to salary level.

Job Opportunities

On degree completion, the candidates are eligible to occupy Engineer / Managerial positions in various Government and Private Shipyards, Ship Design offices, Boatyards, Classification Societies, Indian Navy, and Ship building contract companies within India and abroad with high salary. They can work as a design engineer, marine surveyor, production engineer, offshore engineer, quality control inspector and Technical assistants and support as a Project manager for new vessel / offshore constructions. They are also primarily responsible for the selection of internal systems of a Ship, such as propulsion, electrical, refrigeration, and steering. They can work in offices, where they have access to computer software and other tools necessary for analyzing projects and designing solutions. The students after completing the course can aspire for higher studies and undertake maritime research in Universities and Industry/ can work as Analyst in Ships and Marine structures.

INDIAN

Organizations where Naval Architects are placed

Under the Ministry of Shipping

- Cochin Shipyard Ltd.
- Hooghly Dock & Port Engineers Ltd, Kolkata.

Under Ministry of Defense

- Hindustan Shipyard Ltd, Visakhapatnam
- Mazagon Dock Ltd, Mumbai
- Garden Reach Ship Builders and Engineers Ltd, Kolkata
- Goa Shipyard Ltd.

Under the Control of State Governments

- Alcock Ashdown Co. Ltd, Gujarat
- Shalimar Works Limited, Kolkata.

Major Ship Design Offices of Govt. of India

- Directorate of Naval Design, New Delhi
- School of Maritime Design and Research -Visakhapatnam
- National Institute of Ocean Technology - Chennai.

Indian Navy and Indian Coast Guard

- Naval Construction Officer
- Submarine Engineer Officer
- Engineering General Service Officer.

Other Indian Major Private Organizations

- Navagathi Marine design and construction
- Conceptia Software Technologies
- Seablue Shipyard
- L&T Shipbuilding
- Indian Registry of Shipping
- Aries Marine Engg. Services

FOREIGN

Organizations where Naval Architects are placed

Naval Architects in Singapore

- Damen Shipyards
- Sembcorp Marine Jurong Shipyard Pte Ltd
- Keppel Shipyard
- Rubicon Offshore International

Naval Architects in Qatar

- Nakilat-Keppel Offshore & Marine
- Al-Hazeem Marine Services
- Halul Offshore services

Naval Architects in Dubai

- DryDocks world
- Grandweld Shipyards
- Green Ocean International Ship repair

Naval Architects in Yacht building units - Dubai

- Ocean Boats
- Poseidon Ships & Yachts Manufacturing L.L.C
- Al Rubban Marine

Naval Architects in Sharjah

- Albwardy Damen
- Rivera Boat Industrial Investment Co.
- Solas Marine Services

Naval Architects in Bahrain

- Al - Jazeera Shipping
- BASREC
- Arab Shipbuilding and Repair Yard company

Naval Architects in UK

- Macduff Shipyards Ltd.
- BAE Systems



- Carmet Marine
 - Trafalgar Shipyard Ltd.
- Naval Architects in EU/European Union
- Damen Shipyards – Netherlands
 - Claasen Shipyards – Netherlands
 - Orskov Yard A/S - Norway
 - Rauma Shipyard – Finland
- Naval Architects in USA
- Fincantieri Bay Shipbuilding (FBS)
 - Derecktor Shipyards
 - Colonna's Shipyard Inc.

B.TECH 2019-2023 BATCH RESULT (as on 29/07/2023, Date of Declaration of Result)

GOOD NEWS

100%

**B.Tech 2019-2023
FULL BATCH PASSED
with 1ST RANK in Naval Architecture**

**Stunning
VICTORY
in the HISTORY
of APJAKTU**

CHRIST KNOWLEDGE CITY

TOTAL AFFILIATED COLLEGES ARE 141

CHRIST KNOWLEDGE CITY

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