



CHRIST KNOWLEDGE CITY

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

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.

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.

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 2025-2026**

**INSTITUTION
CODE**

CKC



**Apply Online
or Contact**

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e-mail : city@christknowledgecity.com

e-mail : ckcadmissions@gmail.com

YouTube : [CHRISTKNOWLEDGECITY](https://www.youtube.com/CHRISTKNOWLEDGECITY)

Facebook : www.facebook.com/CKCOFFICIALPAGE





ONLINE

**Application Forms with
Fee Structure on Web Site**

www.christknowledgecity.com

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

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

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

CHRIST KNOWLEDGE CITYSM
Stunning VICTORY
 in the **HISTORY** of **APJAKTU**

B.TECH 2020-2024 BATCH RESULTS

**Positioned 3rd among 99 Private Engineering Colleges and
 13nd among the total 141 affiliated colleges
 (as on 26/06/2024, Date of Declaration of Result by KTU)**



VALUE ADDED EDUCATION

As an added facility all the B.Tech Students joining on this Year will be given coaching in Japanese Language Proficiency Test (JLPT). We will be giving coaching to the Students to appear for the exams JLPT level N5, JLPT level N4, JLPT level N3.

This Course includes dedicated preparation for the JLPT, a globally recognised Proficiency Test. The programme covers N5 (Basic level), N4(Grammar-focused) and N3 (Intermediate level). The coaching and exams are conducted as per Japan Language study Board and conducted in Association with I71 TALENT which would like you to lead a professional carrier in Japan.

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