



A Trusted Brand In Education Since 1990

PIMPRI CHINCHWAD EDUCATION TRUST'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING INTERNATIONAL RELATIONS

International Internships for PCET Students

2025



Dean International Relations Office

PCET's Pimpri Chinchwad College of Engg.
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 www.pccoepune.com/ir/ir-home.php

EMPOWERING FUTURE THROUGH INTERNATIONAL INTERNSHIPS



Explore More

Page no.

01 | Introduction: International Internship

02 | International Internship Calls:
NUS, Singapore

05 | Management Development
Institute of Singapore (MDIS)

07 | RWTH Aachen, Germany

09 | LSI R&D Lab, Japan

Page no.

10 | Summer School in Japan

11 | UTP, PETRONAS, Malaysia

12 | Glimpse

13 | Discover Link & QR Code

INTERNATIONAL INTERNSHIP

International Internship Calls:

2 week to 6 months

(June/July-2025)

QR FarmFill: Seamlessly Fill Your Farm with a Scan



- National University of Singapore (NUS), Singapore (QS Ranking: 08) (Pg no.2)
- Management Development Institute, Singapore (MDIS) (Pg no.5)
- RWTH, Aachen, Germany (QS Ranking: 99) (Pg no.7)
- LSI R&D Lab, Japan (Pg no.9)
- Japan Summer School (Pg no.10)
- University of Technology (UTP), PETRONAS, Malaysia (Pg no.11)
(QS Ranking: 269)



NUS
National University
of Singapore



SCAN
ME!

SINGAPORE
SINGAPORE

International Internship Calls: NUS, Singapore

Name of the university	National University of Singapore (QS Ranking: 8) and Amazon
Internship/Summer School	“Big Data Analytics using Deep Learning” Hands-on applied learning, for deploying real-world solutions on Amazon’s platforms during academic internship program by NUS, Singapore
Duration	10 days
Modules* & Content Delivery	Contents will be covered by NUS Singapore
Certificates	<ul style="list-style-type: none"> • Certificate by NUS • Evaluation Sheet and Transcript



This Internship is for you if:

You are a university undergraduate/graduate (irrespective of your discipline) interested in pursuing MS-abroad in Artificial Intelligence, Data Analytics, Big Data, Machine Learning, Deep Learning, or looking for a Research Career in the corporate world

Selection Criteria:

- **Pre-requisite Test:** An online MCQ base test to determine the competence in Python, Probability and Statistics
- **CGPA:** Aggregate of all semesters till date
- **Projects/Courses:** Completed of pursuing relevant to AI, Machine Learning & Deep Learning
- **Essays:** Relevant career goals, interest areas

What is included in fees	What is not included in fees
<ul style="list-style-type: none"> • Training Intervention and Sessions by NUS • Twin sharing A/C Room NUS Hostel/ Hotel • Airport - transfers and local transport in Singapore 	<ul style="list-style-type: none"> • Meal Expenses • Personal expenses • Entry Fee to attractions • Flight Ticket, Visa, Insurance

Experience Global Learning at **ASIA'S BEST UNIVERSITY**



Established in 1905, the National University of Singapore (NUS) is a global leader in higher education. NUS offers an exhilarating environment for learning and innovation. The NUS School of Computing, ranked #6 globally in the QS World University Rankings by Subject 2024., excels in areas like AI and fintech, attracting top talent and fostering groundbreaking research. Its vibrant entrepreneurial ecosystem, including The Furnace startup incubator, fuels creativity and leadership, making it an inspiring place to study and thrive in a connected world.



**WORLD
UNIVERSITY
RANKINGS**

**QS WORLD UNIVERSITY RANKING #6
BY SUBJECT Computer Science & Information Systems 2024**

Learning Outcomes Aligning MS ABROAD

- **Data Analytics:** Dive into text mining processes with skills in classification, clustering, and association to derive actionable insights
- **Machine Learning:** Develop expertise in core techniques like regression, classification, and clustering for robust data analysis
- **Deep Learning:** Build practical proficiency in neural networks, including ANN, CNN, and RNN, through TensorFlow and Python exercises
- **Generative AI:** Explore advanced models like GANs, VAEs, and transformers while addressing ethical considerations and real-world applications
- **Reinforcement Learning:** Understand and implement key algorithms such as Monte Carlo, Temporal Difference, and Dynamic Programming for problem-solving



Management Development Institute of Singapore

One Week Internship

Session Learning Topics:

Session

Learning Topics

Session 1

(4 hours)

Introduction to Business Analytics and Applications of Analytics

- Introduction to Business Analytics
- A brief overview of Analytics History: Analytics 1.0 to 3.0 industry
- Industry Competition and Changes
- Where does Analytics fit into businesses? Business Discovery to define the problem objectives
- Introduction - Software Tools for Analytics
- Lab: Data profiling & preparation with Power BI Reading List / Homework
- Assignment and Discussion
- Outline of next steps

WHAT IS INCLUDED?

1. Training Intervention and Sessions by MDIS
2. Certificate of Completion from MDIS
3. Hostel/ Hotel Accommodation in Singapore
4. Complete programme management in Singapore
5. Airport-transfers & local transport in Singapore
6. Return flights, visa and insurance
7. 2 (two) Sponsored Faculty
8. Meal Vouchers (S\$ 20/ day)

WHAT IS NOT INCLUDED?

1. Personal expenses
2. Entry Fee to attractions on actuals



Session

Learning Topics

Session 2

(3 hours)

Practical Business Analytics

- Exploratory Data Analysis concepts
- Data and Analytics Framework
- Lab: Data exploration with Power BI and dash boarding
- Reading List / Homework
- Assignment and Discussion Session Learning Topics

Session 3

(4 hours)

AI and Machine Learning for Business Analytics

- What is AI and Machine Learning (ML)
- Applications of AI and ML in Business Analytics
- AI/ML implementation in Orange
- Example 1: Unsupervised Learning
- Example 2: Supervised Learning

Session 4

(4 hours)

Final Project Presentation

- Introduction: Purpose, format and Roles
- Divide into Teams. For each team:
 - Team Verbal Presentation
 - Team Q&A
 - Wrap up and Team Feedback Session





RWTHAACHEN
UNIVERSITY
GERMANY

RWTH Aachen, Germany Two Week Internship

International Internship Calls : RWTH, Aachen, Germany

Name of the university	RWTH, Aachen, Germany
Internship / Summer School	Artificial Intelligence, Machine Learning & Robotics
Duration	Two Week

Tentative Topics covered:

- Python and Database Programming Basics
- Deep Learning & Artificial Neural Networks
- Robotics, Material Science, Smart interfaces
- Automation, Kinematics, Mobile Robotics

Quick Facts:



Workload

45 Teaching Hours



Credit Points

2 ECTS



Language

English



Qualification

RWTH Aachen University
Certificate



Duration

2 weeks:
30.06-14.07.2024

Explore the World of AI, Innovation, and Robotics with RWTH Aachen University

DAY 1

Arrival & Orientation

- Welcome reception and program briefing.
- Campus tour and networking dinner

DAY 2 - 4

Summer School Lectures

- Lectures on Core Topics.
- Python programming workshops and hands-on coding sessions.

DAY 5

Industrial IoT & Company Visit

- Explore IoT in manufacturing.
- Visit a leading industrial facility in Aachen.

DAY 6 - 8

Advanced AI Techniques

- Deep learning, reinforcement learning, and neural networks.
- Practical sessions using TensorFlow and scikit-learn

DAY 9

Group Projects & Real-World Challenges

- Team-based project to solve industry-inspired problems.

DAY 10

Closing & Certification

- Final project presentations
- Certificate distribution and farewell lunch

LSI R&D Lab, Japan

Three Week Internship



International Internship Calls : LSI R&D Lab, Japan

Name of the university	LSI R&D Lab, Japan
Internship/Summer School	Research internship in Japanese Company
Duration	One Month
Module	Research Work at Japanese Company

Company Profile of the LSI R&D Labs., Inc.

Yokohama Design Center

Wako Denshi Building 4F, 6-13-32 Tsunashima-nishi
Kohoku-ku, Yokohama-shi, Kanagawa-ken,
Japan, 223-0053



Yokohama Wako Denshi Building



Tentative Schedule

Two Week - Summer School in Japan

01 Schedule : 1st July to 13th July

Arrive Tokyo Haneda on 1st July

02 Tokyo --- From 1st July to 6th July

- University of Tokyo
- UOT Hongo Campus
- UOT Komaba Campus
- Shibaura Institute of Tech. Univ. Industry
- Mirai-kan (Science Museum) Sightseeing
- Asakusa, Imperial Palace, Tokyo Tower, Tokyo station
- Japan Railway (Research Center)
- Tata Consultancy System Tokto
- Takenaka Corporation, a construction company
- Central of Tokyo
- Odaiba
- Disneyland (Depend on Cost as there is an entry fee)

03 Hiroshima on 7th and 8th July

- Hiroshima Peace Museum
- Miyajima Itskushima Shrine (Depend on schedule)
- Hiroshima Peace Park

04 Shimane on 9th to 12th July

- Shimane University
- Shimizu Temple
- Nakamura Hajime Museum Shrine
- Mitsubishi Mahindra Corp. On 13th April Leave Japan(Fukuoka)
- Tentative Flight CX513/CX685 (Arrive 9:25PM)
- Minamigaoka Girl's High school
- Zazen
- Matsue City



Research Internship, University of Technology,
PETRONAS, Malaysia

Two/Three Months



Name of the university	University of Technology, PETRONAS, Malaysia
Internship/Summer School	Research Attachment Program
Duration	Two months to Six Months
Module	Research Project as per the domain selection
Certificates	Certificate of Research Attachment Program by UTP

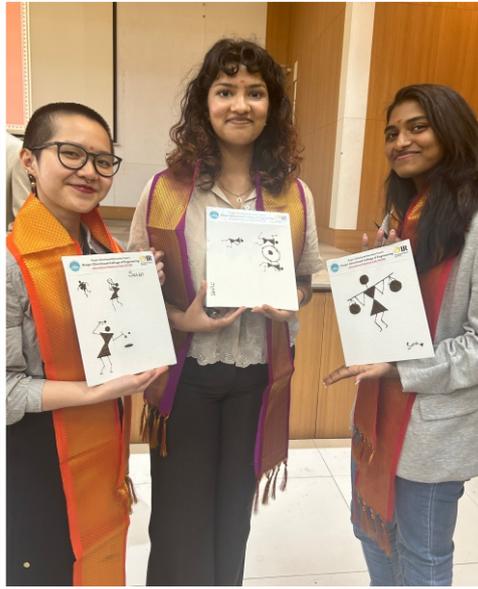
- Opportunity to B.Tech Project under the joint supervision of UTP and PCCOE

Summer School/Internship/Familiarization Program, University of Technology, PETRONAS, Malaysia
Two Week

Name of the university	University of Technology, PETRONAS, Malaysia
Internship/Summer School	Two week Summer School School/ Immersion Program at UTP, PETRONAS, Malaysia
Duration	Two Week

Contents: Data Analytics, Machine Learning, Start up, The idea and innovation, Technical Reporting & presentation, Financial management and reporting, Industry visits & sight seeing





Tags and links for QR codes

DISCOVER LINK & QR CODE

Interested students should fill the following Google form.



[https://forms.gle/
tk2cHzXsEtJnMJir7](https://forms.gle/tk2cHzXsEtJnMJir7)

International Relations: PCCOE



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Students Mobility



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IR Partnerships



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PIMPRI CHINCHWAD EDUCATION TRUST'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING INTERNATIONAL RELATIONS

International Internships for PCET Students

Contact Us



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Engineering Nigadi, Pune

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2025

