



Brit College of Engineering & Technology (BCET)

<https://bcet.uk>

Advance Diploma - Level 4 & Level 5

BSc (Hons) in Business Computing & Information Systems

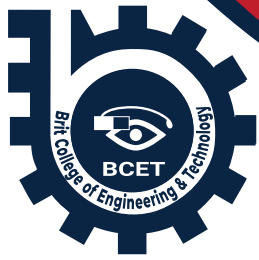
BSc (Hons) in Cyber Security & Networking

MSc in Artificial Intelligence & Data Science

MBA in Business Intelligence & Data Analytics

**Professional Diploma
in Data Science and
Business Analytics
with R&D**

**Advanced Professional
Certificate in Cyber
Security with R&D**



Academic Excellence | Global Collaboration

Empowering Global Minds
Inspiring Future Innovators

Study Locally.
Graduate Globally

Your Pathway to Excellence
in Engineering, Business & Technology

Brit College of Engineering & Technology (BCET), based in London, is a globally recognised British institution committed to delivering high-quality online education. The college offers a wide range of internationally accredited diplomas, professional, undergraduate, and postgraduate courses in areas such as Data Science & Business Analytics, Artificial Intelligence, Programming, Networking, Cyber Security, and Digital Marketing.

BCET has formed academic collaborations with renowned institutions such as NCC Education UK, offering progression pathways to BSc (Hons) top-up degrees through the University of Lancashire (UCLan). The college also provides opportunities for students to pursue postgraduate qualifications, including MBA, MSc, and Professional Diplomas, awarded by PPA Business School Paris.

Did you know?

Global demand for AI and data science professionals is projected to rise by more than **35% by 2030**, making these fields some of the fastest-growing career sectors worldwide.





WELCOME TO BCET

Brit College of Engineering & Technology (BCET) is proud to announce its academic collaboration with NCC Education UK - bringing world-class undergraduate programmes to ambitious learners across the globe.

 *Study globally recognised degrees that combine academic excellence, professional relevance, and cutting-edge innovation.*

Advanced Diplomas

Awarded by NCC Education UK in collaboration with BCET UK



Awarding
Great British
Qualifications

1. Advanced Diploma in Computer Science & Communications Engineering (Level 4 & 5)
2. Advanced Diploma in Strategic Business & Financial Management (Level 4 & 5)
3. Advanced Diploma in Strategic Software Engineering (Level 4 & 5)
4. Advanced Diploma in Strategic Business Information System (Level 4 & 5)





Undergraduate Pathways | Tuition | Scholarships



Undergraduate Degrees

Validated & Awarded by the University of Lancashire (UCLan)
Delivered by NCC Education UK

• **BSc (Hons) Business Computing & Information Systems**
(Top-Up, Online)

→ Prepare for success in the fast-evolving IT sector.

• **BSc (Hons) Cyber Security & Networking**
(Top-Up, Online)

→ Gain the skills to design, manage, and secure modern computer systems.

BSc (Hon's) programmes, validated and awarded by University of Lancashire, delivered by NCC Education UK



University of
Lancashire



Awarding
Great British
Qualifications

Learn more: [BCET NCC Education \(Google search\)](#)



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Postgraduate Programmes



Awarded by PPA Business School Paris, France

▶ **MSc in Artificial Intelligence & Data Science**

Master AI, big data, and next-generation technologies driving the digital future.

▶ **MBA in Business Intelligence & Data Analytics**

Develop data-driven leadership and strategic decision-making skills.

▶ **Professional Diploma in Data Science and Business Analytics**

Gain in-demand expertise in data analytics for real-world applications.

 *These programmes create highly skilled professionals — the most sought-after talent by global employers.*



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BCET's Unique Qualification ~ Job-Oriented

Professional Diploma in Data Science & Business Analytics with R&D

– 6 months

Empower your career with the perfect blend of technology, analytics and research!

Program Highlights

- 🏠 **Job-Oriented Curriculum:** Designed for contemporary industry needs.
- 🗣️ **Hands-on Learning:** Real-world data, tools, and R&D exposure from day one.
- 📄 **Research & Publication:** Capstone project leading to Q1/Q2 journal publication.
- 🌐 **Cutting-edge Coverage:** Data Science, AI, ML, DL, NLP, GenAI, LLMs, Responsible AI & Explainable AI.
- 🔗 **Emerging Tech Integration:** Explore the convergence of IoT, Blockchain, and Cybersecurity using Data Science & AI.

Program Structure

🗓️ First 3 Months:

Gain practical experience using diverse tools & R&D practices.
Work on real-life mini projects across analytics platforms.

🗓️ Next 3 Months:

Engage in a Capstone Project with R&D application.
Contribute to research publication in Q1/Q2 indexed journals.

- 🛠️ **Tools You'll Master**
- 📊 **MS Excel (Advanced)**
- 🗄️ **MySQL DBMS**
- 🐍 **Python Programming**
- 📄 **R Programming**
- 📊 **Power BI & Tableau**








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What You'll Learn

Application of **Data Science & Business Analytics**
Integration of **AI, ML, DL, NLP, GenAI & LLM Models**
Deep understanding of **Responsible & Explainable AI**
Cross-domain applications using IoT, Blockchain, and Cybersecurity
case studies

Assessment Methods

5 Mini Projects

-  MS Excel (Advanced)
-  Python Programming
-  R Programming
-  Power BI
-  Tableau

1 Capstone Project

-  With R&D component leading to research publication

Why Choose BCET?

Industry-aligned faculty with research expertise
Blend of analytics, coding, and R&D innovation
Strong focus on career readiness and global relevance
Opportunity to publish in reputed international journals

Duration: 6 Months

Mode: Practical + Research Integrated



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Detailed Programme Structure / Scheme of Work

Module No.	Tool / Application	Duration	Core Focus	Capstone Project Example
1	Microsoft Excel	4 sessions	Data analysis and reporting	Business dashboard
2	SQL & MySQL DBMS	4 sessions	Database design & querying	E-commerce database
3	Tableau	5 sessions	Data visualization	Interactive sales report
4	Power BI	5 sessions	Business intelligence	Executive KPI dashboard
5	Python Programming	7 sessions	Programming fundamentals	Automation script
6	R Programming	5 sessions	Statistical computing	Research data analysis
7	Data Analytics with Python	3 sessions	Data analysis workflow	Python analytics report
8	Data Analytics with R	3 sessions	Predictive analytics	Forecasting model
9	Data Science & AI with Python	4 sessions	ML/DL/NLP algorithms	Model using Colab
10	Generative & Explainable AI	4 sessions	LLMs & AI transparency	Explainable AI chatbot
11	Emerging Technologies with Python	4 sessions	Cross-domain integration	IoT-AI-Cloud system

*This integrated programme **bridges the gap between analytical skills and technological innovation**. By following this curriculum, learners gain a **multi-disciplinary edge**—equipping them to **harness data, interpret insights, and drive digital transformation in real-world business and research contexts**.*





Tuition Fees

Programme	Duration	Fees
Advanced Diploma (Level 4)	10 to 15 Months	£2,000
Advanced Diploma (Level 5)	10 to 15 Months	£2,000
BSc (Hons) Business Computing & Information Systems [Top-up]	1 year	£3,500
BSc (Hons) Cyber Security & Networking [Top-up]	1 year	£4,000
MSc in Artificial Intelligence & Data Science	15 Months	£6,000
MBA in Business Intelligence & Data Analytics	15 Months	£6,000
Professional Diploma in Data Science & Business Analytics	6 Months	£3,000

★ Scholarships & Discounts Available



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Fast-Track Your BSc (Hons) Degree!

Already **completed Level 4 and Level 5 Diplomas** in Business or Computing from a UK Ofqual-registered awarding organisation?

BCET gives you the chance to jump straight into the final year of the BSc (Hons) Top-up at the University of Lancashire (UCLan)!

- Complete just **three prerequisite modules** in your field for only £1,000
- Then join UCLan BSc (Hons) Top-up to earn a prestigious UK degree faster.
- Boost your career with a globally recognised qualification

 **Don't miss this opportunity to take your education to the next level!**



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Advanced Professional Course in Business Analytics & Data Science with R&D



ADVANCED PROFESSIONAL COURSE IN BUSINESS ANALYTICS & DATA SCIENCE WITH R&D

Duration: 6 Months

What you will get?



Certified By: Brit College of Engineering & Technology
(<https://bcet.uk/>)

- ✓ 3 months Training + 3 months internship.
- ✓ 50+ hours of live training and tutorials.
- ✓ Internship in UK Based Research Centre.
- ✓ Internationally accredited certificate from Brit College, London.



Strategic Partner & Collaborator: EduLinking Career

For details, please visit Website:

<https://bcet.uk/course/advanced-professional-certificate-in-business-analytics-with-r-d>



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BCET

BRIT COLLEGE OF ENGINEERING & TECHNOLOGY

NEW LAUNCH

ADVANCED PROFESSIONAL CERTIFICATE IN CYBER SECURITY

Very Contemporary course.
Most wanted by today's
employers over the world.
The course covers both
theory, practical and research
leading to publication in Q1,
Q2, and Q3 journals.



**Secure your future today with BCET
– where innovation meets opportunity.**



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Advanced Professional Certificate in Cyber Security with R&D



Features

Cutting-edge Program: Designed to meet the growing global demand for Cyber Security professionals.

Contemporary Curriculum: Aligned with the latest industry trends and technologies.

Comprehensive Learning: Covers **theory, practical applications, and research** for a complete learning experience.

Global Recognition: Highly sought-after qualification by employers worldwide.

Research Excellence: Opportunities to publish in **Q1, Q2, and Q3 international journals.**

Career Advancement: Gain specialised expertise to accelerate your professional growth.



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Program Highlights

Metasploitable on Kali Linux: Hands-on exploitation and penetration testing using **VirtualBox lab environments**.

Cybersecurity Tools & Techniques: Practical training with leading industry tools such as:

- ➔ *Wireshark* – Network traffic analysis
- ➔ *Nmap* – Network scanning and mapping
- ➔ *Burp Suite* – Web vulnerability testing
- ➔ *Metasploit Framework* – Exploitation and penetration testing
- ➔ *John the Ripper / Hashcat* - Password cracking tools
- ➔ *Snort / Suricata* – Intrusion detection systems
- ➔ *Aircrack-ng* – Wireless network security testing

Secure Programming: Learn secure coding practices in Python, and Java with static & dynamic code analysis tools such as **SonarQube, Bandit, and Fortify**.

Hacking & Exploitation Techniques: Ethical hacking, vulnerability exploitation, and red team vs. blue team simulations.

Applied Cryptography: Implement encryption, hashing, and key management for real-world applications.

Research Focus: Explore advanced topics in malware analysis, digital forensics, AI in cybersecurity, IoT security, and blockchain-based security models.

R&D Projects: Work on research-driven cybersecurity projects leading to possible publications or innovation outcomes.

Career Readiness: Build expertise for roles such as Cybersecurity Analyst, Ethical Hacker, Security Researcher, and SOC Engineer.



Secure your future with BCET – where innovation meets opportunity.

 **Centre for Applied Research in Software & IT (CARSIT)** <https://Carsit.bcet.uk>

at Brit College of Engineering & Technology (BCET), UK

Why Choose CARSIT?

Leading UK-based Centre for Applied Research in Software, IT, and Business Systems.

Combines academic excellence with real-world industry relevance. Strong global collaborations with universities and research partners.

Focus on innovation, R&D, and publication-driven learning.

Pathways to research-based degrees and international recognition.

Designed to accelerate your career in technology, business, and research.

Academic & Professional Programs

MSc in Artificial Intelligence & Data Science – Build intelligent systems using AI, ML, and Data Analytics.

MSc in Business Intelligence & Data Analytics – Master data visualization, BI tools, and predictive insights.

MSc in Information & Software Engineering – Gain expertise in secure and scalable software systems.

MSc in Business Information Systems & Management – Learn to manage technology for business transformation.

Doctor of Business Administration (DBA) – Research-oriented program offered with PPA Business School, Paris.



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Research & Development Focus

Applied Research in AI, Cybersecurity, Data Science, and Blockchain

Development of industry-grade software and IT systems

R&D projects in Cybersecurity, Secure Programming, and Ethical Hacking

Innovative studies on Generative AI, Responsible AI, and Explainable AI

Opportunities for publication in Q1/Q2 international journals

Hands-on Learning & Tools

Access to real-world lab environments using VirtualBox & Kali Linux

Work with industry tools like:

✔ *Python, R, MySQL, Power BI, Tableau, TensorFlow, PyTorch*

✔ *Metasploit, Burp Suite, Nmap, Wireshark, Snort*

Develop secure and scalable applications using modern frameworks

Strengthen analytical, programming, and problem-solving skills

Career Advantages

Gain industry-ready certifications with research depth

Network with industry mentors and research leaders

Open pathways to PhD and global tech careers

Build a strong research and publication portfolio

Become a technologist, innovator, or cybersecurity expert

Join CARSIT Today!

Explore programs: <https://carsit.bcet.uk/>



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Academic Collaboration Announcement

BCET  **ISM Education (UK)**

www.bcet.uk | www.ismeducation.com

BCET is proud to announce its **academic collaboration** with **ISM Education (UK)** – a leading provider of professional and globally recognised qualifications.

Together, we bring you world-class programmes that blend **academic excellence, research, and industry relevance**, preparing students for high-demand global careers.

Professional Diploma in Data Science and Business Analytics with R&D

~ Validated and Awarded by ISM Education (UK)

Turn data into powerful insights and drive smarter business strategies.

- Learn advanced **Data Analytics, AI & Machine Learning**
- Participate in **Research & Development projects**
- Gain **practical, industry-aligned experience**
- Earn an **internationally recognized diploma**

Perfect for: Aspiring Data Scientists, Analysts, and Business Professionals



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Advanced Professional Certificate in Cyber Security with R&D

~ Validated and Awarded by ISM Education (UK)

Become the digital defender the world needs.

- Master Cyber Defense, Ethical Hacking, and Digital Forensics
- Work on real-world R&D projects
- Learn from industry-certified professionals
- Gain a globally validated qualification

Perfect for: IT Professionals, Security Analysts, and Tech Enthusiasts



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ISM
ISM EDUCATION



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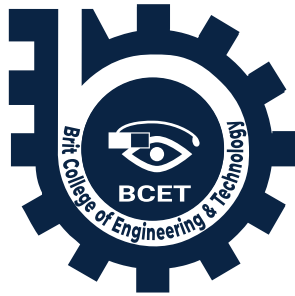
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WhatsApp : +447392297473




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