



IB CAREER-RELATED PROGRAMME

ARTIFICIAL INTELLIGENCE

INTERNATIONAL DIPLOMA



INTERNATIONAL ADVANCED DIPLOMA

WHERE PASSION MEETS PROFESSION

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About

World Academy of Career Programmes (WACP) is an educational research organization which offer K12 based career related courses in multiple academic streams related to new age careers. Our association with prominent schools and higher educational institutions & universities provide students with a structured pathway to specialized qualifications in these streams.

WACP commands a robust network within the industry and thereby offers unmatched practical training, internships and placements. We are passionate about offering the right blend of practical knowledge and experience, creating a truly futuristic curriculum aimed at producing highly skilled individuals and a launch pad for entrepreneurs. Our core team of progressive leaders along with our experienced faculty and competent operations, lead us towards growth and excellence.

ARTIFICIAL INTELLIGENCE INDUSTRY

The place to be!!

Artificial intelligence is drastically important to our future because AI forms the very foundation of computer learning. Through AI, computers have the ability to harness massive amounts of data and use their learned intelligence to make optimal decisions and discoveries in fractions of the time that it would take humans. Artificial intelligence is becoming responsible for everything from medical breakthroughs in cancer research to cutting-edge climate change research.

EVOLVING INDUSTRY



Robotics and AI driven decision making are becoming an integral part of businesses in today's marketplace. It has created a surge in the need of professionals who can adapt and work with these technologies to improve efficiencies and precision.

RISING DEMAND FOR PROFESSIONALS



The industry is always in need of smart and intellectual professionals who are able to use AI technologies for predictive decision making and to automate systems thus reducing human dependence. This is one of the most lucrative roles and sky is the limit for those who have a flair for it.



DIVERSE CAREER OPTIONS

The industry offers opportunities to students of all personalities, leadership skills and domain specializations. Students may pursue lucrative positions in areas of Analytics, Big data, Research, strategy, among a host of many other options.



IDEAL FOR GO-GETTERS

Out-of-the-box thinking, analytical & computational abilities, and a creative spark are the three things that makes a good business analytics manager and if these three qualities fit your profile, you're on the right path!



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WACP offers a combination of two qualifications in Artificial Intelligence – Career Related Study. These are International Diploma and International Advanced Diploma of 11 months each. Both courses together provide a broad overview of the industry and is designed to develop skills and knowledge sufficient to allow participants to play a significant role in data analytics, machine learning, natural language processing and information-based decision making. The courses provide an avenue for students to gain theoretical and practical skills needed to operate within the competitive landscape of the industry.

COURSE AIMS

The International Diploma and International Advanced Diploma in Artificial Intelligence are suitable for IBCP students wanting to pursue their CRS course in Robotics and AI based processes. They aim to strengthen their understanding of the subject and achieve incremental knowledge and specialisation between the two qualifications. These courses provide theories, models and practical case studies to manage the information and market intelligence side of an organization. Students get comprehensive insights into managing large data, Python, Machine Learning, NLP, computer vision, descriptive, predictive and prescriptive analysis, research, information-based decision making.

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COURSE STRUCTURE

DP Subjects

Recommended DP subjects which compliment the CRS Programme

- PHYSICS
- CHEMISTRY
- MATHEMATICS

Core Subjects

- PERSONAL AND PROFESSIONAL SKILLS
- SERVICE LEARNING
- REFLECTIVE PROJECT
- LANGUAGE DEVELOPMENT

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CAREER RELATED STUDY
(720 Guided Learning Hours)

GRADE XI

- Intro to AI
- AI for Society and Ethics
- Math for AI - I
- Data and Decisions in AI
- Programming for Problem Solving - I
- Design Thinking for innovation
- Modern Day Apps and Human Computer Interaction
- Current Topics - I
- AI Programming
- Capstone - I

GRADE XII

- Math for AI - II
- Data Analytics
- Machine Learning
- Computational Linguistics And NLP, Vision and Speech
- Critical and Creative Thinking
- Application of AI and Machine Learning in Industries (Domain)
- Full Stack Development
- Current Topics - II
- The Art of Story Telling
- Capstone - II



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TEACHING AND STRUCTURE

At WACP we are committed to the holistic development of our students to ensure superior outcomes and strong employability prospects. Teaching methodology comprises of classroom sessions, master classes, case studies, practical training, group work and discussions. The approach is to have the right balance of theory, practice and experience. The "Real World Relevance" is vital throughout the programme.



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CLASSROOM SESSIONS

REGULAR LECTURES



To positively impact the perspective of our students, lectures are delivered by our experienced core team of faculty, along with visiting faculty from top Management and Analytical Institutes, and professionals from leading industries.

ASSIGNMENT & PROJECTS



Assignment and projects are a part of our curricula. These provide our students ample opportunities to meet, interact and build relations with popular and experienced individuals in the Industry, under the able guidance of our dedicated faculty.



WORKSHOPS

To keep our students updated with the current affairs in the world of data science, we frequently organize uniquely designed workshops that focus on industry-oriented themes shortlisted by our team of experts.



SIMULATED EVENTS

We have developed an exceptional methodology that helps replicate the process of managing large data analytics and AI projects within the classroom set up. Students are trained to conceptualise and incorporate AI applications in multiple functions across industries. This exercise gives them an opportunity to experience the rigors of managing process efficiencies and predictive decision making to meet business challenges.



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MASTER CLASSES AND CASE STUDIES

MASTER CLASSES



Master Classes intend to keep students abreast to the latest trends in AI, machine learning, natural language processing and global think tanks. Guest speakers from various industries share their knowledge and help students gain insights about the industry, governance and managing the dynamics of large data interpretations.

CASE STUDIES



Our curriculum includes the use of case studies in order to highlight various practical and situational issues. The brainstorming and discussions help streamline our student's thought processes and sharpen analytical abilities by exploring, identifying and solving issues.



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ASSESSMENT

- In line with the WACP commitment to practice-based education, a large part of the assessment will relate to the demonstration of the student's ability to synthesize classroom learning with real life scenarios of AI applications using large data projects and solving business challenges.
- Continuous Assessment process will judge the depth to which the student understands the theory and have developed critical thinking skills which help them evaluate the relevance of what they have learned.
- Students will encounter many different kinds of assessment methods, for example: written exams, written assignments, portfolios, project work, reports, individual or group oral presentations and practical skills assessment. All of which will enable them to gain valuable experience to use within the workplace.
- Students will be expected to complete one assessment per unit.



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INNOVATIVE & INTERACTIVE LEARNING TECHNOLOGY



BYOD PROGRAM

The Bring Your Own Device (BYOD) Program enhances the students' learning experience through the use of online and mobile technologies within and outside the classroom, allowing them to work on course materials, participated in a collaborative learning environment, thus making them tech-savvy.

YOUTUBE BROADCASTING



We broadcast our students' presentations and creations on YouTube; providing them with an opportunity to share their ideas and creations with the world.

PREZI PRESENTATION



This is an inventive and refreshingly unique presentation tool that allows students to express their ideas skilfully and explore their creativity

EDUCATIONAL NEWSLETTERS



Our Educational Newsletters feature our institutes' highlights and students' achievements, and also report latest industry trends, growth and major event.

The Google logo, which is a grey circle containing the word 'Google' in white text.

COMMUNICATION AND COLLABORATION

We provide education on Google Apps. Our students learn to use portals like Webmail Services, Shared Calendars, Hangout and the Drive. G Suite allows our faculty to collaborate with students, give them instant feedback, track individual progress and help students streamline their writing and research.

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HIGHER EDUCATION

PATHWAY

WACP counsels its students and assists them in planning their higher education journey by linking them with prominent universities worldwide. Upon completion of the IBCP programme with CRS in International Diploma and International Advanced Diploma students can opt for their choice of Undergraduate and Master's degree programmes in Artificial Intelligence.

Students can explore higher studies and specialisations. They can aspire to work in a variety of fields, in different capacities. Here is a list of some opportunities:

- **Data Analyst**
- **Data Engineers**
- **Machine Learning Engineer**
- **Computer Vision Engineer**
- **Data Scientist**
- **Robotic Scientist**
- **Statistician**
- **Business Analyst**
- **Data and Analytics Manager**

AND MANY OTHERS

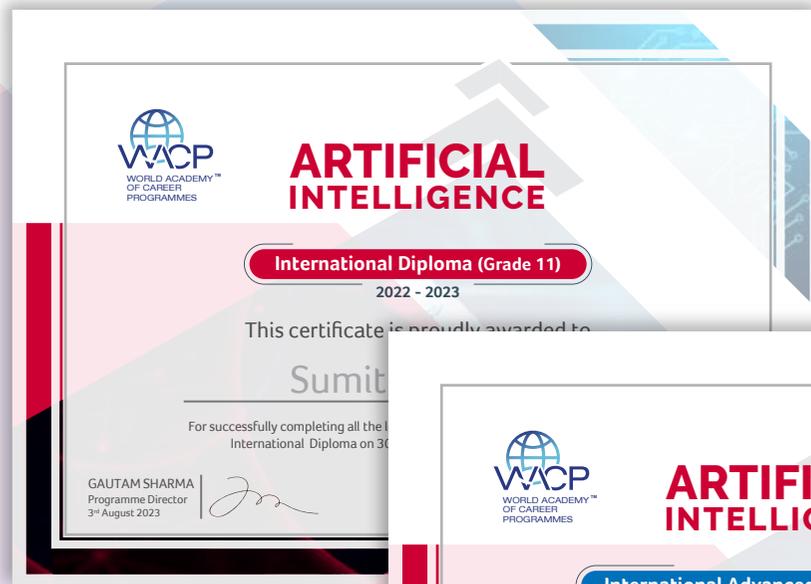
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PROFESSIONAL CERTIFICATION

The WACP - CRS Certifications are coveted qualifications which recognize outstanding students by substantiating their conduct and professionalism to prospective employers. WACP offers IBCP students counseling in higher education and Internships assistance within a wide range of industries. Academic excellence, dedication, project work, ingenuity and originality of ideas, communication skills coupled with a certain degree of confidence and flair are a few of the requisite attributes necessary to be awarded the WACP-CRS Certifications. It boosts one's academic and resume credentials and gives an added advantage over other candidates in the world.

In some countries due to regulations and requirements of institutions we may offer "Certificate" qualifications instead of "Diploma" qualifications.





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