



HARROW INDEPENDENT COLLEGE
School of Mathematics, Science & Economics

2017

Newsletter –Spring



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Ritu Tripathy
Harrow Independent College
3/7/2017

Christmas and New Year Party

On 16th December 2016, HIC celebrated its first Christmas and New Year Party with students and members of staff. Everyone enjoyed the Christmas carols performed by our students followed by Christmas lunch. The governors of the college **Dr. Graham Minshaw** and **Mr G S Patel** have also joined to give inspirational speech to our students.



New Courses Available at HIC

In the last few months, HIC has started four new courses to expand its horizons.

Certificate in Learning and Development for Teachers and Trainers

The course is designed to support potential and existing trainers and teachers who are involved in developing and assessing the skills, knowledge and competence of learners; primarily in the workplace or in work related programs of learning. This course enhances candidates' abilities in creating an engaging learning environment, preparing learning and development resources and also identifying the learning needs of individuals.

Introduction to Programming in Python



This is a basic programming course in Python. Python is a very powerful and versatile programming language. Its enormous popularity arises primarily from its ability to solve a wide range of problems along with the fact that it is surprisingly easy to learn. This particular course is designed for High School Students studying at KS3 and KS4 level.

The purpose of this course is to give students basic coding experience and an exposure to problem-solving techniques using a programming language.

GCE A Level Engineering Courses – Regular and Intensive (course co-ordinator Mr Kandiah Kandeepan)

The GCE in Engineering has been designed to provide a broad educational basis for further education or for moving into employment within the engineering sector. This is achieved by ensuring that learners develop the general skills, knowledge and understanding needed within the sector. This qualification conforms to the General Qualification Criteria for GCEs and to the subject criteria for GCE qualifications in Engineering, which set out the knowledge, understanding, skills and schemes of assessment common to all GCE qualifications in the subject.

Learners will apply their knowledge of engineering and its practical and technological aspects through project-based practical study of engineering, design, production, commissioning and maintenance.

Source – [Click here](#)



IELTS Exam Preparatory Courses - 8 weeks and 12 weeks

One of the most popular English language exams in the UK is the International English Language Testing System (IELTS). IELTS measures the language proficiency of people who want to study or work where English is used as a language of communication. Over 9,000 organisations worldwide accept IELTS as proof of language ability.

IELTS is available in two test versions: Academic and General Training. Both versions provide a valid and accurate assessment of the four language skills: listening, reading, writing and speaking. The exam can be booked online by the learners. IELTS enables learners to work or study in other English speaking countries and prove their English language skills.

Bronze, silver and Gold - DofE Awards



The **Duke of Edinburgh's Award** is one of the world's best-known and most respected achievement awards.

With the start of the renowned Duke of Edinburgh Award (DofE) in the current academic year, the college

has successfully engaged students for DofE Awards. Five students are aiming to obtain Gold award from Duke of Edinburgh.

The students have completed the DofE induction and are ready to accept challenges and learn new skills.

New Teachers and New Positions

HIC is glad to appoint new Biology and Chemistry teachers for GCE Advanced Level students.

Mr Hubert Tomczyk (BSc Hons, QTS) joined HIC as Biology Teacher in February. He has invaluable experience in teaching secondary and sixth form students.

Mr Siva Jayanthan (BSc Hons) joined HIC as Chemistry Teacher in February. He has more than 15 years of teaching experience in the UK.

HIC continuously monitors the performance of all members of staff and regularly carries out appraisals. As a result, **Mr Niraj Shukla** has taken over the responsibilities of the Year Head for GCE and **Dr M Zanganeh** has been promoted to Head of English.

Student Debate Club – Best Debaters Award

HIC started its student debate club in October 2016 and it has become popular among the students. Our English and Economic especially

students have shown enthusiasm towards debating on various controversial topics like immigration, religion and prostitution. Our best debaters have been awarded certificates to highlight their core capabilities.



Competency in Laboratory Skills

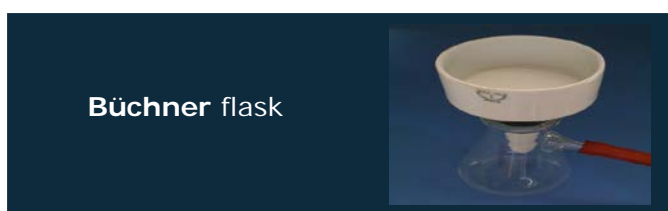
The New GCE syllabus requires several areas of skills and knowledge to be assessed for each and every candidate.



HIC has set up many experiments for Science students with the help of ICT like sensors used in Physics experiments. Students have used concepts in Physics to determine the speed of sound in the air at room temperature.

In Biology students performed a practical in which they measured the respiration of maggots using a **Respirometer**. This is very delicate equipment which requires extra care while assembling. It was really challenging however the students did really well.

In Chemistry, the most interesting practical was about how to prepare a transition metal complex because it entails using a **Büchner** flask. The equipment was used by our students for the first time. A Büchner flask, also known as a vacuum flask, is a thick-walled flask with a short glass tube and hose barb protruding about an inch from its neck.



UCAS Advice and University Offers

Based on HIC's expert advice by **Dr Preston, Kathir Suhanthan, Niraj Shukla** and **Kandiah Kandeepan** our GCE A Level students have received offers from well reputed

universities like King's College, London, Birmingham City University, University College London, the University of Exeter and the University of Bath. We are working closely with UCAS to provide utmost level of support and guidance to all our GCE A Level students to get places in their first choice.

In addition, HIC has conducted workshops for students about how to write personal statements, how to choose a course, how to choose a university and how/when to meet the expectations of the universities.

The personal tutors were constantly monitoring UCAS application progress for each and every student and were providing appropriate assistance and advice whenever required. HIC has a personal tutor programme for every student to ensure that students are not lagging behind to meet any deadlines for their UCAS progression.

Assisting children with special needs

During this academic year HIC has given an admission to a student with special needs with the support of Harrow Council. HIC feels strongly that there is a need to give attention to children with special needs to help them progress in their studies.

The mother of the student said, "*HIC has been a lifeline for my son who is returning to education following a*

brain injury. The principal Kandiah and his staff have gone above and beyond and shown dedication and patience in adapting the lessons to suit my son. He has already improved so much in just a short space of time. We couldn't ask for anything more!"

SIXTH FORM OPEN EVENING

HIC will be holding its SIXTH FORM OPEN Evening on the 21st of March'17 from 5:00PM to 7:15PM.

The College will be OPEN for everyone in three slots mentioned below –

- Slot 1 : Starts at 5:00 PM and ends at 5:45 PM
- Slot 2 : Starts at 5:45 PM and ends at 6:30PM
- Slot 3 : Starts at 6:30 PM and ends at 7:15PM



In each slot the visitors will be engaged in -

- Knowing all about HIC
- Viewing our facilities by taking a college tour
- Meeting our students and our members of staff

- Experiencing the college in action
- Joining different subject demonstrations
- Getting the college brochure and the application form
- Getting a chance to meet the Principal of the college

