

Home Court – bu mobil telefon (yoki planshet) kameradan sun'iy intellekt algoritmi bilan birgalikda urilgan gollar sonini avtomatik tahlil qilish va yozib olish uchun foydalanadigan ilova o'yinchilarga real vaqt rejimida basketbol murabbiyining asosiy jismoniy tayyorgarligini, to'p bilan muomala qilish ko'nikmalarini, to'pni himoya qilish qobiliyatini va top otish yozuvlari orqali otish aniqligini shaffof tarzda hisoblash va shu bilan o'yinchilarga har tomonlama o'z faoliyatini yaxshilashga yordam beradi. Bundan tashqari, Tayvaning Jingle startap jamoasi dunyodagi birinchi Strike aqlli beysbolini ishlab chiqdi, unda o'rnatilgan giroskoplar, turli sensorlar, Bluetooth modullari va boshqaruv chiplari mavjud bo'lib, foydalanuvchilarga pitching paytida aylanish tezligi, o'q va to'p tezligini avtomatik aniqlash imkonini beradi. Traektoriya, qo'nish nuqtasi va boshqa aniq ma'lumotlar va o'yinchilar yoki murabbiylarni ma'lumotlar tahlili bilan ta'minlash uchun darhol mobil telefonga uzatiladi [5:6].

O'yin qarorlarining to'g'riligini oshirish: Sport musobaqalarida texnologiyaning eng dastlabki qo'llanilishidan biri bu hakamlarga aniqroq qarorlar qabul qilishda yordam berishdir. Masalan, maysazor tennisini olaylik. Sanoat uzoq vaqtdan beri hakamlarga tennis to'pi chegaradan tashqariga yoki ichkariga tushganini aniqlashga

yordam berish uchun sozlash kameralaridan foydalangan. Kriket va tennis o'yinlarida Hawk-Eye texnologiyasi, futbolda esa Virtual Assisted Referee (VAR) texnologiyasi mavjud. Ushbu turdagi texnologiyaning joriy etilishi sport tadbirlarini yanada adolatli va standartlashtirilgan qiladi, shuningdek, hakamlarning qarorlarini obyektiv qiladi. Ayniqsa, kriket o'yinlarida qo'pol mulohaza yuritish ko'pincha sportchilarning jiddiy noroziligiga sabab bo'lardi. Sun'iy intellekt texnologiyasining paydo bo'lishi kriketning adolatligini sezilarli darajada yaxshilagan.

**Xulosa.** Jismoniy tarbiya o'qituvchilari uchun sun'iy intellekt texnologiyalari katta imkoniyatlarni ochib beradi. Masalan, HomeCourt ilovasi, basketbol murabbiylariga o'yinchilarga ta'lim berishda yordam beradi va muvaffaqiyatsizliklarini suratga olinishi orqali tahlil qilish imkonini beradi. Boshqa sport turlarida ham sun'iy intellekt texnologiyalari qarorlarni aniqlashda va adolatni ta'minlashda muhim rol o'ynaydi. Tennis va kriketda qo'llaniladigan Hawk-Eye va Virtual Assisted Referee (VAR) texnologiyalari sportchilarning jiddiy noroziliklarining oldini oladi va o'yin qarorlarining to'g'riligini oshiradi. Bunda sun'iy intellekt texnologiyalari sport olamining adolat va standartlarni oshirish imkonini beradi.

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- REZYUME.** Bugungi kunda texnologik taraqqiyot, jumladan, ta'lim va sport sohalarida ham o'ziga xos va o'zgartiruvchi o'zgarishlarni keltirib chiqarmoqda. So'nggi yillarda amalga oshirilgan muvaffaqiyatli loyihalar va ishlanmalar bilan, ayniqsa, sun'iy intellekt texnologiyalari ta'limdagi an'anaviy usullarni tubdan o'zgartiradigan va bu sohada yangilik yaratadigan juda mashhur mavzudir. Ta'lim va sport sohasidagi raqamli transformatsiya va sun'iy intellekt ilovalari tushuntirilgan va misollar keltirilgan maqolamizda biz sun'iy intellektidan foydalanishning foydalari va turli xil qo'llash sohalariga e'tibor qaratamiz.

**РЕЗЮМЕ.** Сегодня технический прогресс, в том числе в сфере образования и спорта, также вносит уникальные и преобразующие изменения. Благодаря успешным проектам и разработкам, реализованным в последние годы, технологии искусственного интеллекта, в частности, являются очень популярной темой, которая радикально меняет традиционные методы обучения и вводит новшества в этой области. В статье, в которой объясняются и приводятся примеры приложений цифровой трансформации и искусственного интеллекта в образовании и спорте, мы сосредоточимся на преимуществах использования ИИ и различных областях применения.

**SUMMARY.** Today, technological progress, including changes in education and sports, is also making unique and changing changes. With successful projects and developments implemented in recent years, in particular, artificial intelligence technologies are a very popular topic that radically changes traditional teaching methods and innovates in this area. In our article, which explains examples of the application of digital transformation and artificial intelligence in education and sports, we will focus on the benefits and various applications of the use of artificial intelligence.

#### NEW APPROACHES IN PREPARING FUTURE ENGLISH TEACHERS

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**Tayanch so'zlar:** PreSETT (kelajak ingliz tili o'qituvchilarini tayyorlash), yangi yondashuv, o'quv dasturi, til moduli, uslubiy modul, til ko'nikmalarini rivojlantirish, o'qitish mahorati.

**Ключевые слова:** PreSETT (подготовка будущих учителей английского языка), новый подход, учебная программа, языковой модуль, методический модуль, развитие языковых навыков, навыки преподавания.

**Key words:** PreSETT (Pre-Service English Teacher Training), new approach, curriculum, language module, methodological module, developing language skills, teaching skills.

**Introduction.** Higher education is considered to be one of the most important official learning procedures and continuing education which have adopted several duties and missions and realization of these duties or missions depends on the necessary tools such as suitable curricula with conditions and needs and consideration for the teaching and learning quality [2] About organization of the education process Saefrudin in H.Harmer points that it needs thorough

"arrangement in the formulation of components of educational programs and activities, types of activities, division of labor, distribution of work, coordination and monitoring, and reorganization" [6]. Any professional who is engaged into the education process should take them into consideration while organizing their classes as well as English language educators, about whom we are going to write in this article.

Nowadays, together with other subjects, the role of learning and teaching English is achieving a higher speed in the world as well as in Uzbekistan. The great importance is attached to the study and teaching of foreign languages. According to the Presidential Resolution dated May 19, 2021 No PP-5117 "On measures to bring the promotion of foreign languages in the Republic of Uzbekistan to a qualitatively new level" there is a need to the development of foreign language teaching as a priority direction of education policy, as well as radically improve the quality of education in this area by attracting qualified teachers to the field and increasing the population's interest in learning foreign languages [1]. In order to fulfill the requirements of the government and society there needs to implement new approaches and methods into the learning process, which aim to prepare the generation of learners who can withstand the requirements of the time and the world. Scholars mention, that "the use of innovative methods in educational institutions has the potential not only to improve education, but also to empower people, strengthen governance and galvanize the effort to achieve the human development goal for the country" [3]. To our point of view, teachers play a crucial role in this process and that's why first of all we should pay attention to the issues of preparing future teachers, as we agree with E.Leu in his opinion that "the most critical factor within the school in facilitating student learning is the teacher and the ability of those in leadership positions to shape a collaborative, motivated, and effective teaching and learning community. Teachers' professional attitudes, energy, and motivation are critical, in combination with teaching skills, in creating quality of learning" [8]. "Rapid and profound social change has deeply affected our present-day teaching institutions. When our societies have been so profoundly changed we remodel our teaching systems and programs of teachers' training" [4].

In the presented article we would like to write about a new curriculum which has been implemented into the foreign language faculties of Uzbekistan higher education institutions and its impact on the preparation of future teachers. The programme is called PRESETT, an internationally accepted term that stands for "pre-service English teacher training" and the curriculum is the product of a long-term partnership project between the British Council and the Ministry of higher and secondary specialised education (MHSSE) of Uzbekistan. The PRESETT curriculum is a four-year undergraduate programme that designed to train teachers for primary and secondary special education institutions. Within the framework of the programme, 20 modern and new modules were created in Uzbekistan and approved by the order №319 of the Ministry of Higher and Secondary Special Education and implemented in all universities specializing in training foreign language specialists [10].

#### **Methodology.**

The new PRESETT curriculum, improved on the basis of world standards, offers 2 major courses: Linguistic and Methodological courses. Each course consists of a total of 20 modules in 4 stages. The main purpose of the modules included in the linguistic course is to teach the perfect acquisition of language skills (listening comprehension, writing, speaking, reading skills) in a foreign language. In addition to developing language skills through these modules, special attention was paid to the development of several transferable skills of the student (critical thinking, basic research skills, group work, etc.). Transferable skills are skills that can be used to act efficiently in different real-life situations [9].

Methodological course is aimed at preparing future teachers who will be able to rationally use effective methods of learning and teaching English, which will meet the requirements of students of the XXI century in learning a foreign language. It should be noted that besides these two

core strands there are several other added-value components that were also reconceptualised – Intercultural learning, Independent study skills development, and Teaching Practice as well as Classroom research [7]. The aim of the full course of practical methods, which develops module-by-module, is to introduce new methods and technologies that lessons can be planned step by step, integrate language skills in the student, assess knowledge and skills in a foreign language, forming the right attitude to the language learner and learning requirements. The program pays special attention to the approach that English as an international language of communication as well as to the cultural approach [10].

The language and methodology modules, teaching approach, students' role and other aspects of the PreSETT Curriculum differed from the traditional program. Consequently, it led to advantageous outcomes so far.

#### **Analysis and Findings**

In Karakalpakstan, Nukus State Pedagogical Institute and Karakalpak State University are the higher educational establishments which adopted the curriculum of PreSETT aiming at preparing teachers of English who are skillful in practical classroom methodology and in language referred to international standards. In order to know the impact of PreSETT curriculum on the quality of teaching and learning, as well as the professional development of English teachers we conducted a survey among former PreSETT students, who are now working in different educational institutions of the republic of Karakalpakstan. As there are a great number of PreSETT graduates in our country, we planned to collect data through blogging. We opened a group and invited former PreSETT students of Karakalpakstan to join and share their impressions of their teaching and the influence of PreSETT curriculum on their success in teaching

Here are some former students' views about the PRESETT programme and they are about the positive effect of the program on their teaching, learners' attitude to their knowledge and lesson organization and also about school administration's attitude to their teaching.

Zarina (secondary school teacher), says that though she is a novice teacher, she could easily manage to design her own lesson plans, worksheets and handouts as they had "Planning teaching and learning" classes where they analyzed curricula and made their own lesson plans. Sawle (secondary school teacher) is proud of being a PRESETT student as she has learned various styles and methods of teaching foreign languages. Nargiza (secondary school teacher) always feels confident while talking on different topics with her students and really enjoys communication in English. To Madina (college teacher) it is not enough to know English well in order to be a good teacher. A real teacher should know psychology of pupils, how to motivate learners, how to communicate with pupils. Nursuliw (secondary school teacher) is proud of her learners as they always get good results in school competitions, she thinks that her right organizations of lessons, her way of motivating learners helps them to achieve these results. Maxmud (secondary school teacher) uses a variety of teaching methods, as there are students with different learning styles and levels. He learned how to deal with mixed ability classes from PreSETT curriculum. He also practiced to use pupils' peer editing, though there are some problems in doing peer evaluation. As some learners don't prefer showing their writings to their classmates. Gulbaxar (secondary school teacher) observes her students becoming very active when they work in small groups and pairs. They feel free when speaking English. All her students like to be involved in different interactive activities, like, jigsaw tasks and role plays.

Kalmuratova Juldiz: Studying under the principles of PreSETT not only helped me to develop as a future teacher,

but to grow as a person as well. All the subjects we covered at the university have made an influential contribution to me as a future teacher. I strongly believe that every lesson was useful and effective. For instance, from subjects like Testing and Assessment and Teaching Approaches I have learnt the principles of assessment, giving feedback, using modern and interactive technologies instead of outdated methods. Moreover, the course on Teaching Different Age Groups and Lesson Planning have taught me how to compose effective lesson plans, how to build strong communication with students and be a persuasive teacher.

Palzada: Having graduated from the Masters' Department I got work in a higher educational establishment, where I taught sophomore groups to teach the subjects of Communicative Grammar, Listening and Speaking, Writing, Reading, Vocabulary and Cross Cultural Issues. Though I was a new teacher I faced no difficulties dealing with the aspects given. I have had awareness to teach almost all the aspects and it was not so complicated for me to work on them, as PreSETT shaped my teaching abilities. At the institute most subjects are focused on developing students' imagination, critical thinking, creativity and researching skills and I have learned how to develop them by working in groups, designing tasks, planning and evaluating learner achievement.

Saltamuratova Ayna: We should note that the applicants applying for the English Philology Faculty don't usually aim to be teachers in future, preferring to think about professions like a guide or a translator, or simply getting a job in a foreign firm or a company. This tendency has changed in PreSETT groups. Most of the students changed their attitude towards the teaching profession and their minds about future profession.

Asanova Kamila: many of the schools and colleges where PreSETT students have their teaching practice in

year 4, invite these graduates to work with them after graduation.

Arislanbek: The most challenging, demanding responsibility and clear organisation is research writing. After choosing topics suggested by our supervisors we have done a great investigation, library research, data collection and data analysis. In addition we have carried out our research during our teaching practice with college, lyceum and school pupils. Finally, the most exciting day comes when we defend our research papers in front of the state commission. It is an unforgettable day in each student's life as every graduate will get the fruits of his hard work.

**Conclusion.** To sum up, comparing with the traditional teaching, PreSETT programme is much more accessible. PreSETT is a need of today's language learning and teaching process because it can meet the needs of today's learners. Nowadays learners want to apply the things learnt in real life situations. In addition, teachers of this programme can bring up pupils who are able to communicate fluently in English everyday situations. The programme has been fully proving its value and meeting all the expected outcomes. It is not only skills and knowledge that distinguish PreSETT students from traditional students, but the enthusiasm and zest for teaching, and dedication to their profession. They are constantly on the lookout for new materials and open to any new idea in the sphere. The other significant advantage of the PreSETT Programme over the traditional one is that it also aims to develop students' transferable skills along with the language skills which come in handy not only in their teaching career but also in their further personal lives. Notably, future PreSETT teachers develop in their students critical and reflective thinking, time and stress management, teamwork skills, problem solving and setting SMART goals that contribute to their personal maturity.

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**REZYUME.** Maqola ta'lim jarayoniga zamon va jamiyat talablari bilan belgilanadigan yangicha yondashuvlarni joriy etishning ahamiyatini tushuntirishga bag'ishlangan. Aksariyat davlatlar qatori O'zbekiston Respublikasida ham ta'lim muassasalari faoliyatini xalqaro talablarga javob beradigan darajaga ko'tarish borasidagi sa'y-harakatlar yanada kuchaytirildi. Bu borada jahon andozalari asosidagi zamonaviy bilimlarni olish imkonini beruvchi va mamlakat taraqqiyotiga xizmat qila oladigan yangicha yondashuvlarni joriy etishga ko'proq e'tibor qaratilmoqda. Shunday qilib, taqdim etilgan maqola mamlakatimizda o'qituvchilarni tayyorlash sohasida qo'llaniladigan yangi yondashuvlardan birini tavsiflash uchun mo'ljallangan. PreSETT bo'lajak ingliz tili o'qituvchilarini tayyorlash bo'yicha yangi o'quv dasturi bo'lib, u oliy ta'lim muassasalarida muvaffaqiyatli amalga oshirilgan. Maqolada bitiruvchilar va ish beruvchilar o'rtasida dasturdan qoniqishni aniqlash uchun o'tkazilgan so'rovnom natijalari, shuningdek, dasturning o'zinin' tavsifi muhokama qilinadi.

**РЕЗЮМЕ.** Статья посвящена объяснению значения внедрения новых подходов в образовательный процесс, обусловленного требованиями времени и общества. Как и большинство стран, Республика Узбекистан еще больше активизировала усилия по поднятию деятельности образовательных учреждений на уровень, способный отвечать международным требованиям. В связи с этим больше внимания уделяется внедрению новых подходов, которые дают возможность получать современные знания, основанные на мировых стандартах, и могут способствовать развитию страны. Итак, представленная статья призвана описать один из новых подходов, используемых в стране в сфере подготовки учителей. PreSETT – новая учебная программа для подготовки будущих учителей английского языка, программа, которая успешно внедрена в высших учебных заведениях. В статье рассматриваются результаты опроса по выявлению удовлетворенности программой выпускников и работодателей, а также описание самой программы.

**SUMMARY.** The article is dedicated to explain the value of implementing new approaches into the educational process due to the requirements of time and society. Like the majority of countries, the Republic of Uzbekistan has further intensified the efforts to raise the activity of educational institutions to the level that can meet international requirements. In this regard, more attention has been paid to implementation of new approaches that give opportunity to gain modern knowledge based on world standards and can contribute to the development of the country. So, the presented article aims to describe one of the new approaches used in the country in the field of teacher preparation. PreSETT is a new curriculum for preparing future English teachers, the program which has successfully been implemented into the higher educational institutions. The results of the survey on identifying graduates and employers' satisfaction with the program are discussed in the article, as well as the description of the program itself.