

Mooc and Spoc: An analysis of lifelong education in the era

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Abstract: Summary The idea of lifelong education has revolutionized the old idea of educational finality , advocating sustainable development of education , is the strategic goal of social development . domestic outside Research shows , The importance of lifelong education and lifelong learning has been taught practice in developed countries , However the difference in nature is not in our country get attention and clarity . on Mooc and Spoc times background , lifelong education shows new features , Lifelong Learning has technical support . in China development of lifelong education , Establish an education longitudinal line , play the talent advantage of universities , Makes up Lifelong Learning assistant talent pool , Building a pluralistic lifelong education system to speed up the ecological process of education , achieving educational fairness .

Keywords: Lifelong Education ; Lifelong Learning ; Mooc ; Spoc

1965 Year is World life education Year year French adult education theorists and activists Paul • Langrand (Paul lengrand() on union national UNESCO (UNESCO) Adult Education Promotion International will first proposed ' Lifelong Education (lifelong Education) , and read . This vibrant educational thought is an astonishing educational history. Move , meets the needs of the Times , Has been positively sounded by the international community should be . Lifelong education covers obtaining and improving knowledge , technology , capabilities and Quality Learning activities , Break the limits of traditional schooling , extend education to the entire space of human life , Thus promoting the the socialization of education and learning . ^ The Information age when educated , space and mode extend as the Times Evolve , The tradition of teaching education concept was overturned , Large-scale online open course (Mooc: massive Open Online Course) and small private online class Process 2 (spoc: Small Private Online Course))'s appearance and applications provide a broader platform and opportunity for lifelong education .

This study focuses on the long-term and practical development of lifelong education in China requirements , trying on the basis of a traditional lifelong education system, Make the most of Mooc and small Spoc Advantages , Building Our lifelong education Theoretical framework of development , Exploring the new sustainable development of lifelong education Route .

one, Overview of lifelong education

The idea of lifelong education stems from the thousands of years in the West Oracle's accumulated thick streamer . H Human in social production and practice profoundrecognize that knowledge and skills are not recognized and accumulated _ a speedy , requiring uninterrupted learning , from theory to practice , apply again to fire the need to learn new knowledge the , forms the ecological system of human cognition .

1. Research status of lifelong education in China

Successful experiences of developed countries in the field of lifelong education become our country 's Many scholars ' concerns , Introduction of foreign experience research continues to emerge . the advancement and development of lifelong education in the United States in the forefront of the world . , is a distinct feature (Sun Zhaolei , early in 1966 year , Beauty the State promulgated the Prudential Education Act , The bill has been

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added several times after it is not break Perfect . 1976 Year USA set [] Lifelong learning Method ""Life long Learning Act) , also call [Delfa] , " specification for lifelong learning Learning Scope , content and schedule , establishes the status of lifelong learning , becomes Lifelong learning from thought to practice logo . H United States Lifetime Education development also shows the diversity of educational institutions and the deepening of theoretical research into features , school , Enterprise , Professional organizations such as society perform different educational tasks . life-long education in the United Kingdom is grown in the fertile soil of adult education , with adult education , through the legislation to determine the principles and policies for the implementation of lifelong education in the country , Push and standardize the healthy development of adult education , With legalization and gradualism features (Hu Haiyun ,2003.) 5 Development of Korean lifelong education process is divided into three phases : The formative period of basic education , Government promote adultDevelopment period and system consolidation period of education . 3 Legal Health , Government position can and "" credits Bank The specific measures are Korea lifelong education development The characteristics of (Odd Forever) , 2009) .

The development of lifelong education in China started later , with other developed countries Home is a late grieving . 1988 year 2 Month State Department releasedsweep excluding illiterate work regulation , marks the legislation of lifelong education in our country positive start . 1995 year 3 The national people 's Congress of the month VIII. Three meetings adopted Education Law The explicitly states that National Adaptation Agency the need for market economic development and social progress ,Promoting education reform , Promote the coordinated development of all levels of education , Establish and perfect lifetime education system . from 1988 year to date laws and regulations in succession , But the theory of lifelong education lags behind An empirical study of, Drill-down and con-crete is rare .

2. Research status of lifelong education in foreign countries

In recent years , related research on lifelong education in foreign countries major surround Sustainable development around lifelong learning , Application of modern technology , Advanced The The role of school and lifelong learning concepts are developed in the . online learning (online Learning) as Information age learning across time and space The form is highly valued by Western scholars , become lifelong Learning development The great driver of . Online learning has a unique advantage in satisfying various types of learners meta requirements , specific performance :(1) learning learning cost low ; (2) to learn more about complex knowledge , Heavy re-view and understanding (3) has a very high time and space for learning Large Flexibility . , Internet-supported virtual spaces with face-to-face Blending learning (blended learning) Get lifelong education The expert's attention (rodica pamfilie , 2012). Use Flip class Hall , in resources , Learning styles and teacher-student role Transitions innovation . however ,Scholars on world lifelong education Development also carry out objective and dispassionate thinking . 4 year month Dakar World Church Education Forum through 2000 2015 Year World Education Action Framework pointed out that many young people and adults still do not have the opportunity to learn culture and Palm hold employment and participate in social life required skills and knowledge , popularize all people Education (Education for All if) not quickly obtained Progress , The international community's goal of eradicating poverty cannot be achieved. ,, Country and country inequality between is further aggravated . .] however , year past ,, as implementing International fairness , all Life from the means of poverty The development of education has been greatly restricted. , on resource , concepts such as multiple The face lets you in school education . neo-liberalism brings the university's Society Service Properties down , Evaluation Criteria changed , Papers and studies student enrollment scores become the primary criteria for judging university levels , to large greatly reduced lifelong learning (LLL: Lifelong learning) Development space . M

To summarize , Compare research status at home and abroad , Research in China focus on Macro , Foreign studies have gone from macro to microscopic probes Cable ,deep into the policies and techniques required for lifelong education development .

two , Mooc and Spoc The development of lifelong education Technical Support

Mooc Follow the Unicom learning philosophy , with Online Course form imitate traditional University teaching , together with online recovery comment , quiz , reading form , end of step with learner into learning process . 2013 Year domestic Mooc Hot staged , affects van The Surround has been touched by all levels of educational institutions . M MOOC is on a scale , opencharacter-specific online learning course , each course less than thousands of people , Multiple a hundred thousand of people , enroll in learning . however , Empirical research show " without prerequisites " and No Limit the is both its best Potential also has its limitations .. M MOOC Theoretically provides universal education Possibilities ,provides an opportunity for lifelong education . however , teaching the bidirectional process of is hard to implement in Mooc , Evaluate objective sex , The problem of learner integrity , Allows researchers to consider to determine the Defect's method , This small private online course (spoc) achieves this to some extent .

spoc is M C A true combination of traditional teaching , is the Mooc teaching content , Teaching form , work idea and technology, and so on appropriate transformation of ,014 is Mooc localized for students studying at school 's Course mode . M Spoc on the premise of size control , full fuse closed online Mooc Teaching content and class discussion Exchange , apply Flip Classroom Teaching Mode , offline learning , personalized Instruction on class . based on current practice and research , The advantages of SPOC are shown in the following points : (1) promotes behaviorism and constructivist concepts in teaching apply ;(2) promoting the sharing and socialization of university teaching resources ; (3) lower cost of teaching ; (4) Optimizing teacher Resources ; (5) through the body Check learning , Motivated learning motivation ; (6) data collection for teaching each links for analysis and scientific research .

Mooc has a huge impact on the pattern of education , Although It is generally accepted that Mooc will subvert undergraduate education , but actually M (8)C The impact on traditional undergraduate programs is small . 016 comparison , life-long education in Mooc and spoc era ushered in the opportunity to develop .

three , Restrictive factors in the development of lifelong education in China

1. the concept of lifelong education remains to be clarified

lifelong education and lifelong learning are two seriously confusing concepts . in our country 1998 year face (Century Education Revitalization Act Schedule " and 1999year published about deepening education reform , Overall promotion of quality education decision etc files , lifetime education and The situation of lifelong learning interoperability or alternate use is very clear . 017 concept the ambiguity of the itself poses a handicap to the development of lifelong education , Error to think that lifelong education is only a one a culture of ideas and awareness . lifetime Education is a common trend of world education Development , is a strategic idea , government through administrative intervention legislation , Planning and development measures . because this , Lifelong education includes the sum of education for all periods of human growth . Lifelong learning is a basic requirement for social progress and personal development , is final The fundamental purpose of body education . Lifelong Learning concept originated from politics , and non-academic . the 1960s, European countries for re The call to define the education system is rising .. at the same time.

(OECD : organization For economic co-operation and Development) commitment to economic growth in times of social change , to redefining and extending the educational system is the solution to the economic development problem The way out of the , is therefore a positive response from the European Union and the community . euro define lifelong learning as : person _ All learning activities , its is designed to improve with individuals , social , all knowledge about occupation , technology and capabilities . M so ,clarity of concept benefits from government and individuals multiple facets development lifelong education , advocates lifelong learning .

2. Legal , the enactment of regulations is out of line with concrete measures

1988 Year 2 issued by the State Department of the Eliminate illiteracy work bar example content detailed ,

has strong operability . is very specific about criteria for determining illiteracy and the literate standards , all textbooks , Provision , Accountability The office has a clear description of . The is the legal regulation with the ability to be strong , , as a world populous country , Eliminate illiteracy get satisfactory results . in the "" rules on illiteracy work the laws and regulations relating to lifelong education continue to appear after the , But as a provisions for lifelong education that are conducive to the competitiveness of the country The various legal provisions . except Education Law , 1998 year [Month set 何 to, century education revitalization action plan " " also indicates : " to " set year , Basic Lifelong Learning system , for national knowledge New system and modern construction provide sufficient talent support and knowledge contribution . 2006 year (about building a socialist harmonious society a number of decisions on major issues , a home-and-long-term education development for the year Planning and Outline etc files , countries emphasize lifelong learning more than once and The importance of a learning society . However, the process of making these policies is is top-down , Government administration color is too strong , as a lifelong education principal The people of Do not value . M in particular, lack of specific implementation policies and Architecture , rely solely on self-study exam , Licensing and so on The Certificate class test for is not sufficient to build a lifelong learning Society .

3. participation of colleges and universities in lifelong education weakening

Although lifelong education is at the national level a To emphasize again , but implement to various regions is not a lot of concrete measures . especially with university evaluations system transitions , The service features of its social education are gradually weakened . high School Commercialization thickening , Social responsibility becomes empty talk on paper , Cannot meet the needs of adults to continue learning . m. American Community Science Courtyard , serving People , Seniors , with its unique features ,become the main performer of lifelong education ; M UK Open University benefit Teaching with multiple media , major courses include undergraduate education , graduate Education and continuing education three categories . 122 Learning and drawing from abroad a few Ten years of experience , Play College in the curriculum design , resource Configuration Advantages , help increase the breadth and depth of lifelong education .

four , thinking about building a lifelong education system

Education is an important factor in social progress , The Society of Educational Resources has become a fact .. University and university , University and Society resourcesthe source share extends University space . University 's social Vision and Society University perspectives are essential for future development . lifelong education require complete system design cannot be completed by legislation only . Mooc in a few years of development , Enrollment explosion , but can persist at all times 10%, Effective participation in the teaching discussion is even more so . less . These development issues tell us , Lifelong Learning needs _ Set system support , People's needs are hindered by inertia , Awareness and practice the Habit of getting used is not an oral sermon. .

1. Building the education longitudinal line

Traditional Concept human life is divided into Pre-school teaching Yukon work One retirement " four main stage , where school education and work two periods of demarcation of the boundaries of each person , learning behavior main Primary School education . This notion binds the education . show , affects national economy , culture, civilized process , especially in letter age-changing knowledge and technology , Learning not just for work for . Long-term lifelong education and lifelong learning are considered one kind of independent on school education , However, to achieve sustainable learning for life development , education going through The various stages of the_ are ". - First task is redefining content at all levels of education , to form preschool to adult teaching Yukon overall ' Grand Education View . current , Most students are promoted from high school after the university to face the : _ test is . in high School time from Parents and teachers ' work hard , go to college. , Easy [] The statement is completely untenable . results in disappointment , slack , kj on, Face the dilemma of disillusionment , lost motivation to learn , because brings a mentality to the lack of lifelong learning philosophy

throughout the education system expect . related Research in Europe and the United States that the , The concept of lifelong education trainings should permeate all stages of education , The teacher's educational attainment and the professional knowledge play a crucial role in ... 425 Building Education , line , incorporating adult education throughout the education system , consider overall , To co-ordinate designed , Prevent adult education from being shelved and neglected .

2. Play an irreplaceable role in colleges and universities

University is an important source of basic education teachers , Base Teaching The cultivation of lifelong learning habits and attitudes largely depends on the "" The modern teaching consciousness and means of teachers . so , University to become a hug have lifelong learning philosophy , Cradle Lifelong Learning Awareness Educators ' cradles , in teaching it is necessary to actually consider the : How to truly implement student- Center , How to turn the key of teaching from imparting knowledge to guiding students Learn how to learn , " teach to fish , not just Grant fish . other , M (8) C and spoc curriculum development relies heavily on colleges and universities Human and intellectual resources . Rich Large-scale online open course provides an inexhaustible resource for the lifelong learning . at the same time , spoc make for mixed learning mode, Its development makes up for Mooc Insufficient , the mention has promoted teaching quality and efficiency . m. lifetime education system to make colleges and universities important _ Ring , at the same time as a university teacher , College students and other experienced set up for learners and volunteers ' ' Lifelong learning ta pool " , net " on Answer [] , To effectively transplant a hybrid learning model to a lifelong education Network system .

3. Building a pluralistic lifelong education organization

Lifelong Learning is a multidimensional concept : Learning length and life Sync extension , widening of learning breadth with social and personal needs . at a certain stage of life , Learning is for the ideal job , but in Other Stage , Learning also to live a quality life . so , purpose differs from requirements , satisfying requirements and implementations not a certain institution . University , Community College , Professional school , Enterprise , Social Services agencies and departments play a role in the entire lifelong education system different roles . University understanding of enterprise and social needs after development teaching Learning Resources , Community Schools , Vocational School and Enterprise utilization Teaching resource group weaving teaching , face-to-face coaching .

Lifelong education is the power source for sustainable economic development , is the Times Show needs , Its essence is to change the old idea of ending sex education , advocates Sustainability of education , extending and extending the length of human learning and width . The new technology that's coming to you requires every social person to strengthen the end Body Learning concept , improve productivity and quality of life . on Mooc and spoc era , The backwash effect of technology on education is finalbody Education opens a new chapter , Improved Education fairness , implemented cross-space learning ideal , immersed in information technology , focus on Learn .

Reference

1. Sun Zhaolei . features of lifelong education in the United States J]. Adult Education , (6) : 94-96.
2. Hu Haiying . Introduction to the development of lifelong education in the UK J]. Foreign Education Research investigate , 2003 , , One , : 51-
3. odd . Development and practical operation of lifelong education in Korea J]. Adult Education Yukon , 2009 , , 3 : 10-16.
4. Tsinghua University . Education Law [Eb/ol]. http : / earn. Tsinghua.edu. Cn/flfg/js/jiaoyufa. htm.
5. rodica pamfilie, Bogdan onete. E-learning as a alternative Solution for sustainable lifelong J]. Social and Behavioral Science, at: 4 026-4 030.
6. Chris Duke, Heribert Hinzen. University engagement and the Post-2015 Agenda. What Are the Roles and functions to Support Adult and education lifelong J]. Social and Behavioral Science, 2014, 142): 29-35.
7. Wu Yumin, hui men , Zhao hua . Review of China's lifelong education policy with analysis J]. Education Development Research , 53-58:
8. Julia Klug, Noreen Krause, Barbara Schober, Monika Finsterwald, Christiane Spiel. How do Teachers Promote

their Students ' lifelong Learning in Class? Development and a application of the LLL interview J]. *Teaching and Teacher education*, 2014, 37): 119-129.

9. Gabriella Aleandria, Luca Girottib. Lifelong Learning and training:a Never ending Challenge and Choice for educational System J]. *Social and Behavioral Sciences*, 2012, 46): 1 406-1 412.