

Proposal: College Blockchain IUR(Industry-University-Research) Cooperation

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Requested KSM: to be completed at submission, we apply for **2917 KSM** total allocation for August 2024 - January 2025 (**6 month**) depending on [EMA\(30\) AVG rate](#)(KSM = 29 USDT)

Short description: Accelerate the enthusiasm of Polkadot ecosystem builders to participate and cultivate more potential high-quality developers to enter the Polkadot ecosystem.

Problem and Solution

The basis for the continued prosperity of the Polkadot ecosystem is a steady stream of high-quality developers. We very much agree with the educational philosophy and practical results of Polkadot Blockchain Academy (PBA). However, the high participation threshold and steep learning experience, especially English-taught courses, have dampened the enthusiasm of a large number of potential developers and builders. We believe that in the Chinese community, there should be an introductory course for PBA and a mechanism for a large number of undergraduate graduates to participate in the construction of Polkadot.

To this end, we will establish IUR-DAO and cooperate with six Chinese universities (more universities will be involved in the future) to guide potential developers to the Polkadot ecosystem through a combination of undergraduate graduates' learning, innovation and entrepreneurship. Briefly, we intend to carry out four main tasks in this proposal:

1. Cooperate with there Universities on the Polkadot ecological project.
2. Create PBA Chinese introduction courses and train the university's blockchain course instructors.
3. Carry out graduate project design and entrepreneurial practice or join an existing parallel chain team for internship.
4. Guide and recommend outstanding graduates to participate in Polkadot Hackathon.

In the future, we will make improvements based on the actual results of this project and promote it to more Chinese universities to cooperate with us.

Introduction to partner universities

College of Blockchain Industry of Universities

1、Sichuan University

Sichuan University (SCU) is one of China's top universities, attached to the Ministry of Education.

Sichuan University is an institution that comprises three former national universities: the former Sichuan University, the former Chengdu University of Science and Technology, and the former West China University of Medical Sciences. The history of Sichuan University dates back to the Sichuan Chinese and Western School founded by Lu Chuanlin, Governor of Sichuan in 1896 on the orders of Emperor Guangxu. It is the earliest modern institute of higher education in Southwest China. The former Chengdu University of Science and Technology was one of the earliest multi-disciplinary engineering universities established through a restructuring program of colleges and universities. The former West China University of Medical Sciences, original West China Union University, was established by western Christian missionaries in Chengdu in 1910. It was not only one of the first universities in the western tradition, but also one of the pioneering universities to offer postgraduate programs in China.

2、Chengdu University of Information Technology

When Chengdu University of Information Technology first opened its doors to only a few students and teachers in 1951, was officially renamed as Chengdu University of Information Technology (CUIT) in late April, 2015.

The college is the first undergraduate teaching unit of "Blockchain Engineering" in Chinese universities approved by the Ministry of Education. Since September 2020, it has continuously recruited three batches of undergraduate students and two batches of master's students in the blockchain direction; in 2021 The college has once again successfully applied for the "Artificial Intelligence" major and has enrolled two batches of undergraduate students and a batch of master's students.

There are more than 1000 students in one college, So thousands of students will increase exponentially. They can be the creators,builders,promoters of the Polkadot ecosystem. And we normally can hold the online and offline activities in these colleges to expand the impact of Polkadot.

The college has built five industry-university-research integrated platforms of "Blockchain + {Smart Education, Intelligent Governance, Financial Technology, Information Security, Digital Culture} Center"; it has 96 well-known experts, industry mentors, university teachers and brother departments. Co-constructed five technical teams of "Blockchain, Artificial Intelligence, Big Data, Network Security, and 5G Internet of Things"; built five products of "Education Technology, Aragon, Whitelist DAO, Chain Security Laboratory, and 404" Teaching an inclusive student community.

3、University of Electronic Science and Technology of China

Renowned as China's cradle for the national electronic industry, University of Electronic Science and Technology of China (formerly Chengdu Institute of Radio Engineering) is situated at Chengdu, in 1997 it was included as one of the first universities into "Project 211", a project in China for developing 100 first-class universities and a number of key fields of research for the 21st century. In 2001, UESTC was admitted into the nation's Project 985, receiving special support for developing world-class universities and world-famous research-oriented universities. In 2017, the University was selected as one of "Double First-class" universities (Top 36).

4、Sichuan Normal University

Sichuan Normal University(SICNU), as a provincial key university, is among the first to carry out the national "Basic Capacity Building Project in Colleges & Universities in Mid-western China". It's the first normal university to undertake the basic undergraduate normal education in Sichuan Province.

As one of the first national master authorization units and among the 10th batch of doctor authorization units, SICNU has developed 11 discipline fields including Literature, Sciences, Engineering, Philosophy, Economics, Management, Law, History, Education, Art and Agriculture, with 2 centers for post-doctoral studies, 3 doctoral degree authorization first-level disciplines, 26 doctoral degree authorized locations, 24 master's degree authorization first-level disciplines, 12 master's professional degree authorization categories and 82 undergraduate programs. Up to now, SICNU has been developing into a comprehensive university with over

40,000 undergraduates and 3,000 faculty members & research staffs in various fields.

5、Sichuan Post and Telecommunications College

Sichuan Post and Telecommunications College (SPTC), was founded in April of 2003 as the 1st independent posts and telecommunications college in western China with the approval of Sichuan provincial government on the basis of the former Sichuan Post and Telecommunications School, which was established in 1956.

The college has committed itself to international exchanges and cooperation. It has engaged in the exchanges and cooperation with such higher learning institutions and training bodies as the F+U International Career Center Saxony (Germany), Ivy Tech Community College-Northeast (U.S.A), Nan Yang Polytechnic (Singapore) and Brockenhurst College (UK). Outstanding backbone teachers and management staff have been selected and sent to learn and train in the above mentioned foreign institutes and countries. Effectively utilizing the higher vocational colleges' functions to serve society and the communications and IT industries, SPTC adopts a two-point strategy which advocates a combination of academic education and short-term training and has achieved remarkable success. The 30-member delegation of officials of education authorities and higher vocational & technical education workers from Francophone Countries' Vocational Skills Education Policy Workshop and Developing Countries' Vocational Education Management Workshop, who came from some twenty countries included Madagascar, Tuller and Philippine, visited SPTC and had an exchange meet here.

There are two Colleges in HuBei is under negotiation

Key Results and Goals

Workscope & OKR Breakdown: August 2024 - January 2024

Objective: Accelerate the enthusiasm of Polkadot ecosystem builders to participate and cultivate more potential high-quality developers to enter the Polkadot ecosystem.

1. PBA Chinese introductory course

OKRs for the 6 months period of this proposal:

- Completed the Chinese translation of [PBA-Book](#). Based on the technical characteristics of Polkadot and the necessary knowledge points for developing basic applications, combined with the actual knowledge level of undergraduates, the PBA English course has been appropriately tailored.
- Trained for CUIT instructors how to use the PBA Chinese introductory course.
- Use the PBA Chinese introduction course to train 900 undergraduate students across the college.
- All recorded live streams will be uploaded to YouTube channel.
- Select highlights from the live streams will also be transcribed into text and published as articles.

2. Cooperation framework with universities

OKRs for the 6 months period of this proposal:

- Sign a cooperation agreement with these universities.
- Developed an innovation and entrepreneurship Polkadot training plan for over 3000 students.
 - a. Innovative training project: Undergraduate students individually or in teams, under the guidance of instructors, independently complete the design of polkadot innovative experimental methods and write summary reports, etc. The innovation training project advocates the application of projects based on practical problem research combined with the needs of cutting-edge technology in the blockchain industry, and is encouraged to be combined with undergraduate graduation thesis (design).
 - b. Parachain training project: Under the guidance of school instructors, each student plays one or more specific roles in the project implementation process. By conducting feasibility studies, preparing parachain plans, and simulating operations, Carry out a certain level of coding, write entrepreneurial reports, etc.
 - c. Entrepreneurship practice project: Under the joint guidance of school mentors and business mentors, student teams use the results of previous innovation and entrepreneurship training projects to propose an innovative product or

service with market prospects, and carry out entrepreneurial practice activities based on this.

- Distributing all contents across more than 3 largest blockchain media or communities outlets in China.

3. Educational Contents Production

OKR for the 6 months period of this proposal:

- Select 100 outstanding papers from 1000 undergraduate graduation papers and publish them in no less than 5 mainstream blockchain media or communities in China. The total number of delivery times is not less than 100*5.
- Topics other than outstanding papers include introducing infrastructure projects in the Polkadot ecosystem, parachains, helping the community understand ecological diversity and the experiences during the learning process.
- Design and produce a graduation certificate in the form of NFT.

4. User metrics

OKR for the user growth goal we want to achieve based on the above three work results:

1. Target users: more than 3000 users to enter the polkadot ecosystem.
2. Potential builders: more than 50.
3. marketing means:
 - Publish a Polkadot-related article every month to attract users to follow the Wechat official account.
 - Host 1 online/offline activities once a month and transfer the user from the broadcast room to the Wechat official account.
 - Include a follow method at the end of all our videos.
 - Occasionally release our own custom-designed Polkadot swags to attract users to follow and share articles to increase article views.
 - Each month, we collaborate with one ecosystem project to launch small user growth activities, such as DeFi liquidity provision, staking, gift giveaways, and airdrops. These are specifically designed events that require close coordination with the eco teams.

5. Reporting

IUR-DAO will focus on the Polkadot technical education in China assisting the Polkadot Community to expand the impact and cooperate with potential projects to help them build the dApp on Polkadot. We will publish a Monthly Review and Report on Polkasassembly on the last day of every month, including performance data and all activities and materials created, to be shared with the Direction channel and comments on our original proposals for regular updates.

Proposal Budget

Position	Tasks	COST \$USD per month	Total Allocation \$USD per month
1 Content Operations Managers	1. Produce PBA Chinese Introduction Course. 2. Research and development of on-campus bridging courses.	3,000.00 per person.	3,000.00
2 lecturers Operations Manager	3. Training on-campus tutors and students. 4. Assist teaching and review teaching content. 5. Host 1 Online Workshop each week	2,200 per person.	4,400.00
1 Market Development Manager 1 Academic Affairs Manager	6. Academic Affairs and Student Management. 7. The universities of cooperation resource development and maintenance	2,200.00 per person.	4,400.00

Position	Tasks	COST \$USD per month	Total Allocation \$USD per month
1 education content operation	8. Social media and university publicity contents creation management 9. edit all education/interview/online broadcast videos and upload on all channels	1,200.00	1,200.00
offline activities and custom-designed Polkadot swags		1,100.00	1,100.00
TOTAL			14,100.00

Based on the budget in the above table, we apply for **USD 14,100** per month, which is **USD 84,600** in total (from August 2024 to January 2025).

This budget includes all the online and offline activities.

So, We requests 2917 **KSM** this time depending on EMA(30) AVG rate (KSM = 29 USDT)

Why us ?

We are one of the first domestic units engaged in improving professional skills in the digital economy under the general outline of the "Digital China Development Plan". The founding team was invited to participate in China's second global blockchain industry conference in 2016. Summit Forum, in 2018, it cooperated with the first batch of blockchain universities in China, such as Tsinghua University, China University of Political Science and Law, Shanghai Jiao Tong University, Shenzhen University, etc., and was inspected by national leaders. At the end of 2020, in accordance with the national vocational education policy and combined

with the requirements of industry, market and enterprise development, the unit recommended that the Ministry of Human Resources and Social Security establish a new profession of blockchain operator and was approved. At the same time, it participated in the formulation of the "National Vocational Skills Standards for Blockchain Application Operators (2021 Edition)" and is the only professional skill level certification organization for blockchain application operators in Zhejiang Province. Certification work such as "Blockchain Application Operator", "Digital Twin Application Technician" and "Digital Solution Designer" can be carried out within Zhejiang. In April 2023, the first batch of "AIGC Application Engineer" and "Prompt Engineer" courses in the country was opened providing teaching services: courses and training systems, multimedia teaching systems.

We rely on the digital economy industry venture capital fund to cultivate talents and industrial investment and incubation action paths, fully tap the needs of local industry improvement and momentum conversion, and support the development of major Internet companies and emerging industries through talent cultivation and industry It combines development with smart technology and digital-real linkage and conversion with local industries to achieve social significance such as digital economic transformation and regional economic growth.

For specific information about the further information about this project, please send us an email for consultation. Email address: iur.pro@protonmail.com.

Core-Team Member :

Joe :

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