## F. University 1701

Chapter 1701: Shocking Rocket Recovery Technology\_2

Then it will enter the program turn phase.

Therefore, in the live broadcast footage, you can see that after the Orion Heavy Rocket is launched, it initially flies straight up, but soon starts to show some deviation.

Normally, you wouldn't notice this in the footage, but this time there are multiple camera angles for the Orion Heavy Rocket, and both the rocket and Starship One are equipped with camera views.

At this time, the gimbal or vector engine fitted on the rocket engine will provide deflection force to help the rocket achieve programmatic turning.

This program turn can save fuel and deliver the satellite or spacecraft more precisely into the predetermined orbit; the mission of the Orion Heavy Rocket is to accurately send Starship One into space.

Inside Starship One, in addition to the Mars landing team of six astronauts from the Space Exploration Technology Company and NASA, there are also numerous supplies.

Prior to this, the materials needed to establish Mars have been sent to the surface of Mars by the Space Exploration Technology Company through rockets and spacecraft over the years. This time, humans are going, and once they successfully land on Mars, they can start building the Mars base on Mars and conduct scientific research and survival.

So this time, it really holds significant meaning for humanity.

"What a big guy that has soared into the sky, how much thrust is needed for such a big guy to rush into the clouds?"

As a pure newbie who doesn't know much about anything, Wen Ruohan couldn't help but remark as she watched the live broadcast with Principal Ding.

"At least 10,000 tons of thrust."

At this moment, an amused An Yujia explained to Wen Ruohan.

"In the future, we can create even more powerful rockets, surely not inferior to the Space Exploration Technology Company," Ding Yue said with a resolute gaze.

"Principal Ding, will our Feiyue Group vigorously develop space technology in the future, like Space Exploration Technology Company?"

An Yujia turned her head and asked Principal Ding.

"Yes, Miss An, aren't you supportive?"

Ding Yue nodded and said.

"Principal Ding, I definitely support it, it's just that this road is bound to be very tortuous," An Yujia could already foresee.

Principal Ding must be planning to use Mist City Arts and Science University's Aerospace Academy as a foundation, with Feiyue Group's funds as support, and closely cooperate with the Space Administration. In this way, the first aerospace enterprise can be developed domestically in Xia Country.

If a strong aerospace enterprise can be developed domestically, it will be very beneficial for the development of aerospace technology.

The Space Exploration Technology Company, as well as Xia Country, America, Europe, etc., will all focus their space efforts on Mars in the future, clearly showing that Mars exploration and Mars base establishment are very important to humanity.

Principal Ding has such ambition, it shows Principal Ding is really quite formidable. This is one of humanity's cutting-edge scientific fields, requiring a lot of investment to develop successfully.

However, An Yujia thinks that Mist City Arts and Science University's Aerospace Academy has the potential, but it just needs some time.

"Prepare for rocket separation!"

The Orion Heavy Rocket continuously broke through heights during its ascent, one thousand meters, two thousand meters, three thousand meters, five thousand meters, eight thousand meters, ten thousand meters, constantly breaking through the atmosphere.

For general rockets, this is when first-stage separation should occur.

After all, many rockets use multi-stage propulsion methods to generate enough thrust to send the spacecraft into space.

But the Orion Heavy Rocket is different; its four booster rockets will directly push Starship One to near outer space, then proceed with rocket and spacecraft separation, and the separated booster rockets will initiate a rocket recovery program, instead of free-falling leading to irreparable rocket loss.

"Rocket begins separation! Rocket and spacecraft separations!"

At this moment, the Orion Heavy Rocket had already been airborne for a while; the camera shows it had broken through the earth's atmosphere and entered a near outer space area, where it began to separate the booster rockets.

Next second.

Boom! Boom! Explosive bolts detonate the connections between the four rocket boosters and the main structure, completing booster separation.

In the past, when rocket thrust technology wasn't mature or when the orbital distance was farther, rockets generally used two-stage propulsion methods.

But now it's different.

The maturity of hydrogen-oxygen engine technology makes it so rockets only need one-stage booster to send the satellite or spacecraft into space.

That's right, the Orion Heavy Rocket of the Space Exploration Technology Company uses a single-stage, four boosters to directly send Starship One into space.

Once the four boosters separate via explosive bolts, they begin running the Space Exploration Technology Company's rocket recovery program.

This is indeed a very breathtaking moment.

Ding Yue watched the live broadcast of the Space Exploration Technology Company's rocket recovery intently without blinking.

No doubt!

Every time the Space Exploration Technology Company launches a rocket, it undergoes rocket recovery. At this moment, it always feels invigorating because it looks incredibly sci-fi.

Four rockets in outer space beyond the atmosphere undergo synchronized directional adjustments, gradually flipping around, originally with the rocket nose pointed to outer space and the tail toward Earth, now adjusted with the rocket nose pointed toward the atmosphere.

Then the rockets ignite to assist propulsion, using thrust, the four rockets simultaneously and smoothly enter the atmosphere, indeed simultaneously from directional adjustments to assisted ignition entering the atmosphere.

When the four rockets pass through the atmosphere, flames appear on the rocket body; this is the most classic phenomenon. Usually, most materials experience friction flames when descending from the earth's atmosphere to the ground.

Once within the atmosphere, propulsion ceases, and they simultaneously adjust direction again, with rocket nose pointing toward outer space, and tail toward the ground.

The purpose of this adjustment is to enable ignition for cushioning resistance, ensuring safe landing and recovery.

Otherwise, they would become "rocket missiles" crashing into the ground, wouldn't they?
That wouldn't be sophisticated rocket recovery technology.
Finally.
Four rockets seamlessly pass through the atmosphere into the high-altitude zone, where people on site and the live broadcast cameras show the four rockets.
The four rockets drop in perfect parallel at extremely high speeds toward the ground.
If these four rockets weren't descending impeccably in parallel at identical speeds, some might mistake them for falling debris, but they're definitely technically controlled throughout.
When witnessing this scene, people couldn't help but cheer.
"Whoa! The rocket returned!"
"Landed back!"
"Awesome, the rocket delivered Starship One into space and can even return on its own."
"Rocket recovery technology is truly impressive!"
"So powerful!"
"Whoa whoa? The rocket returned?"
Some netizens unaware of rocket recovery technology were thoroughly stunned seeing this, covered in goosebumps.
"Commence cushion ignition!"

Boom!

Four rockets in high altitude nearly simultaneously descend.

As approaching the ground, they perform assisted ignition for cushioning, instantly creating a powerful cushion force, yet even during cushioning ignition, the four rockets remain highly stable without any formation disorder.

People watching the rocket launch on the ground see four rockets slowing due to booster rocket cushioning, then tripod unfolds, four rockets gradually touch down, finally precisely landing in the recovery area.

Chapter 1702: We also want to develop this technology

When the four component rockets of the Orion Heavy Rocket slowly and precisely landed in the recovery area from the sky, nearly all the viewers watching the live broadcast became ecstatic.

The audience on site was even more exuberant with cheers.

The kind of excitement that was felt, even across the screen, could be sensed by Ding Yue, especially with young people exclaiming "Awesome!" after witnessing the scene.

Domestic netizens were also envious of the rocket recovery technology of Space Exploration Technology Company, after all, this technology is quite an impressive existence. Recovering rockets for reusable purposes greatly reduces the cost of rockets, significantly promoting the development of the aerospace industry.

Ding Yue was also well aware of this point.

Currently, the domestic side has not mastered the "rocket recovery technology." The Space Administration has likely been developing it but has encountered numerous challenges that still haven't been adequately resolved.

Even though America's Space Exploration Technology Company has mastered the "rocket recovery technology," the existence of technical barriers means they naturally won't share it with others. Therefore, domestic rocket recovery technology must be developed independently.

"We should also develop and master our rocket recovery technology."

Upon seeing the successful recovery of the Orion Heavy Rocket, Ding Yue couldn't help but think to himself.

If this technology has already begun to be researched and explored by the Space Administration, then perhaps his Mist City Arts and Science University's aerospace department, along with Feiyue Aerospace, can lend a helping hand.

Because.

Ding Yue had at this moment slightly shifted his thoughts and pulled out his University System panel.

"Rocket recovery technology should definitely be in the system marketplace, right?"

Thinking about this, Ding Yue switched the interface to the system marketplace of the University System and then searched for "rocket recovery technology." Sure enough, he found it.

"This much points required?"

After seeing the points required to exchange for the rocket recovery technology, Ding Yue was stunned. However, fortunately, Ding Yue had accumulated many points over the years.

Furthermore, Ding Yue generally rarely used points to exchange for system marketplace black technology, usually obtaining them through opening University Treasure Chests, as he preferred the thrill of opening chests.

But this time was different, as the urgency of domestic rocket recovery technology was pressing, it's imperative to develop it as soon as possible, so waiting for a University Treasure Chest wasn't feasible.

Even though Ding Yue was quite confident, thinking that if he got the next University Treasure Chest, he could basically get whatever he wanted to come out.

When you're busy with something or when you want something, when you open the next University Treasure Chest, you're likely to get what you wish for. "Luckily, I have enough points, directly exchanging for [Rocket Recovery Technology]!" Without hesitation, Ding Yue used his sufficient points to make the exchange. Ding! "Do you confirm using points to exchange for [Rocket Recovery Technology]?" The system prompt appeared before him. "Confirm exchange!" Ding Yue affirmed. Ding! "Congratulations to the Host for successfully exchanging for [Rocket Recovery Technology]!" After acquiring the rocket recovery technology, Ding Yue planned to impart it to the faculty and students of his Mist City Arts and Science University's aerospace department, then it would be on them to see how long it would take to master this technology in the rocket recovery field. In fact, complete mastery isn't necessary, as long as there are breakthroughs.

This University System is rather user-friendly.

This way, it seems that it can significantly save a lot of time. To put it figuratively, if mastering rocket recovery technology would take three to five years, then by conquering technological challenges and collaborating with the Space Administration on rocket recovery technology, it may be settled within two to three years, or even faster.

Ding Yue was quite confident in the faculty and students of his university.

Last time, the faculty and students of the Environmental Institute and the botany major were a great example, accelerating things for Feiyue Building Company to smoothly secure the New Cairo City construction project, even though they didn't really understand why they had to hasten the research and development of those environmental science and botany black technologies.

As long as the aerospace department is endowed with rocket recovery technology and funding is increased, they can also pick up the pace.

"Oh my God, Principal Ding, did you see that? Those four rockets returned in perfect condition, that's... that's amazing!"

Wen Ruohan, upon seeing the scene of the four rockets uniformly returning to the ground in the live broadcast, couldn't help but exclaim.

"America's rocket recovery technology, this technology is currently only mastered by them."

An Yujia explained to Wen Ruohan, the novice sister next to her.

Wen Ruohan was indeed a novice when it came to aerospace technology, rockets, and space, knowing only bits from domestic aerospace news, and unfamiliar with foreign space technology. Moreover, this was Wen Ruohan's first time witnessing rocket recovery technology.

Chapter 1703: We Also Want to Develop This Technology\_2

"America is really amazing, oh no, in many fields of science and technology, America has always been very powerful."

Wen Ruohan said with a sigh.

There is no doubt about this, but Wen Ruohan believes that domestic development will definitely be better in the future. In the field of rocket technology, it is certain that we can catch up with and even possibly surpass America's Space Exploration Technology Company.

"We can also conduct research and development on rocket recovery technology. Compared to the cost of rocket launches, as long as we develop rocket recovery technology, it will definitely not be a loss."

There was a note of determination in Ding Yue's words.

An Yujia had already picked up on this determination. It seems that Principal Ding is adamant about pursuing space technology and is planning to start with rocket recovery technology.

"Yes."

An Yujia nodded slightly and said in response to Principal Ding: "Future space exploration activities will surely become more frequent. Only by mastering rocket recovery technology can we reduce the cost of launching satellites, spacecraft, and space stations, which is a one-time effort that pays off indefinitely."

"Then we certainly can't rely on Space Exploration Technology Company; we have to develop it ourselves. An, is this difficult?"

Wen Ruohan analyzed for a moment, then turned to look at An Yujia and asked.

An Yujia shrugged and said, "Anyway, we have been researching rocket recovery technology in our country for a long time, but there hasn't been any major progress so far. Do you think it's difficult?"

"Oh my God, is it that difficult?"

Wen Ruohan could hardly believe how difficult it was, much like having to solve calculus problems as a liberal arts student.

Something like that, perhaps?

"No matter how hard it is, we have to face the challenges. Anyway, Mist City Arts and Science University is definitely going to make a significant impact in the field of rocket technology, and I believe in my students."

When Ding Yue said this, it was not only meant for his secretary Wen Ruohan but also for the faculty and students of the aerospace college of Mist City Arts and Science University.

He wanted them to hear that as the principal, he firmly believes in them and would strongly support them unconditionally, whether in terms of research funding, materials, equipment, or personnel, he'll do his best to support the aerospace college so that the geniuses within can advance rapidly from a lagging starting point to catch up with their competitors.

And the comp	etitor here	is undoubtedl	y America's S	pace Ex	ploration 7	Fechnology (	Company.

"Right!"

An Yujia nodded.

Seeing this, Wen Ruohan also nodded, saying, "Right, right, we also need to develop this technology."

When the rocket recovery technology of the Orion Heavy Rocket was successfully completed, there was a significant discussion online, both domestically and internationally, with high enthusiasm.

"The rocket recovery technology of America's Space Exploration Technology Company is really impressive."

"This technology is very mature for Space Exploration Technology Company."

"I hope we can also master this technology soon."

"Right, right, whenever we see Space Exploration Technology Company's advanced space technology, it's always awe-inspiring, and we hope to have it too!"

"It is said that the Space Administration is already researching it. Please give them some time."

"This rocket recovery technology looks absolutely stunning."

"At the moment of landing, it truly felt like the light of humanity."

"Space Exploration Technology Company is indeed at the forefront in terms of rocket recovery technology, but I think we should soon be able to catch up, right?"

"Within the next ten years, we should also be able to master rocket recovery technology."

For any major space-faring nation, mastering rocket recovery technology is highly desired, and naturally, the netizens of these space-faring nations are even more eager.

"Students."

Seeing that the launch of Starship One was almost complete, Ding Yue began to address the students online.

The students from various multimedia classrooms focused their attention on the screen showing Principal Ding as he prepared to speak.

"I believe everyone has seen and is well aware of the rocket recovery technology of Space Exploration Technology Company," Ding Yue said seriously, "The importance of this technology for aerospace science and rocket development needs no further explanation. I just want to tell you that rocket recovery technology is not something only Space Exploration Technology Company can do; we can do it too. As long as we work together, we can achieve something in rocket recovery technology."

As Ding Yue was saying this, he also utilized the [rocket recovery technology] he had just exchanged for in the University System Mall, assigning it to the faculty and students of Mist City Arts and Science University's aerospace college.

Although the faculty and students of the aerospace college heard Principal Ding say this, whether they felt confident in their hearts is another matter.

However, Principal Ding's words seemed to have a magical effect. Before Ding Yue spoke, the faculty and students of the aerospace college were definitely not confident about rocket recovery technology, but after Principal Ding's speech, several outstanding students from the rocket technology-related majors sparked numerous ideas, and the professors were the same.

This wasn't just Ding Yue's words having an effect, but the words combined with the [rocket recovery technology] he endowed them, along with the ongoing learning buff effects they receive regularly at Mist City Arts and Science University.

"Next, the university will increase its investment in the aerospace college. I know that the aerospace field is very expensive, but it doesn't matter. You just need to focus on advancing in your specialized technical fields, and I'll back you up financially!"

Ding Yue's words served as a strong dose of encouragement for the faculty and students of the aerospace college.

The message is crystal clear!

It basically tells the faculty and students of the aerospace college to freely pursue the research of rocket recovery technology and other aerospace and space technologies. They need not worry about money because Principal Ding is their strong support!

And everyone knows that Principal Ding is wealthy, as both Mist City Arts and Science University and the Feiyue Group are his. Some estimates suggest Principal Ding's net worth has long exceeded 100 billion.

After saying all this, Ding Yue did not say much more.

It's now up to the faculty and students of the aerospace college to put in the effort. Only through their efforts can "results" be seen.

Besides funding, what Ding Yue will provide them with next is time.

After watching the live broadcast of the Starship One launch for a while longer, Ding Yue instructed Director Song Wankong of the aerospace college to tell the faculty and students that they can continue watching the live broadcast if they wish, or they can go about their business if not.

Moreover, Ding Yue asked Director Song Wankong to organize a summary of the current projects the aerospace college is working on and present it to him; Ding Yue wanted to know what research

projects the outstanding faculty and students of Mist City Arts and Science University are engaged in.

Director Song Wankong promised to have the materials sorted and delivered to Principal Ding the next day.

After seeing Starship One starting its "voyage" in space, Ding Yue's mind still lingered on the rocket recovery technology.

But soon.

Ding Yue drew his attention back from the rocket recovery technology.

"Principal Ding, how long will it take for Starship One to reach Mars?" Wen Ruohan curiously asked Principal Ding.

Wen Ruohan, as a liberal arts student, definitely did not understand astronomy and space, but Principal Ding was different; he was a big shot in the physics department.

"It will take a few months."

Ding Yue explained to Wen Ruohan, "The distance from Earth to Mars is several tens of millions of kilometers."

"That long?"

Wen Ruohan exclaimed, "I thought it would just zip over in an instant."

"Zip over in an instant, are you talking about warp drives?" Ding Yue rolled his eyes and muttered.

Chapter 1704: Establishing a Joint Research Group with the Space Administration National Space Administration.

Inside the building, Vice Deputy Chen and his colleagues couldn't help but feel a sense of reflection after watching the successful launch and entry of Starship One into the predetermined trajectory heading to Mars.

"Zhang, the development of Space Exploration Technology Company is just too fast."

Vice Deputy Chen said with a sigh.

A few years ago, Space Exploration Technology Company announced the Starship program, aiming to achieve manned landings on Mars and establish the first human base there.

Today, they have begun their true actions.

Actually, Xia Country also has plans for manned Mars landings, but due to the lengthy time required for the development of space technology, the Mars landing plan is set for beyond 2030.

"Who wouldn't agree?"

Zhang nodded, saying, "Just the rocket recovery technology alone is visibly more mature. We need to keep striving in this area."

"The gap needs to be closed with effort and time."

Vice Deputy Chen said a very fair statement.

Currently, there is still a certain gap between domestic space technology and that of America, but as domestic aerospace pioneers, facing this gap and striving to race against time to close it, even surpassing the opponent, is the true obsession for an aerospace enthusiast.

"How is the progress of the A133 rocket recovery technology project?"

Zhang raised his head, looking at Vice Deputy Chen and asked.

Rocket recovery technology is a cutting-edge rocket technology urgently needed domestically. Once mastered, it will enable efficient and convenient reuse of rockets for launching satellites, spacecraft, assembling space stations, and transporting astronauts, thereby allowing domestic Mars landing plans to proceed more effectively.

"This project has been going for several years, and the progress... sigh, how should I put it, many aspects are too difficult."

Vice Deputy Chen felt a bit down saying this.

Developing rocket recovery technology from scratch without gaining inspiration from any technical knowledge is indeed inevitable; Space Exploration Technology Company, as a private enterprise, naturally cannot share its core technology with others.

To master rocket recovery technology, one must rely on their own research.

"Let's give more time to our research personnel."

Zhang said rather helplessly.

There's no other way, urging is futile; only by providing more time to the project research team can they overcome challenge after challenge and eventually succeed in mastering rocket recovery technology.

"Director Chen, there's a call for you."

At this moment, Vice Deputy Chen's assistant came over and said.

"Where is the call from?"

Vice Deputy Chen asked, because he was discussing major issues of domestic space technology's future development with his old colleagues. The successful launch of Space Exploration Technology Company's Starship One deeply impacted these old-school aerospace enthusiasts.

Therefore, if it's not a very important call, there's no rush to answer; he could return the call after finishing the meeting with everyone.
"Uh it's from Mist City, Principal Ding of Mist City Arts and Science University is looking for you."
The assistant replied.
"Principal Ding?"
Vice Deputy Chen perked up immediately upon hearing this.
If it were the principal of another university, Vice Deputy Chen might not have answered the call right away, but Principal Ding was different. Vice Deputy Chen has always had high hopes for Principal Ding and his Mist City Arts and Science University.
He has tried multiple times to collaborate with Mist City Arts and Science University but with little success, because Feiyue Technology seemed to want to pursue their own aerospace technology industry.
"Is that the Principal Ding from Mist City Arts and Science University?"
Zhang asked curiously.
"That's him, a young man with great vision," Vice Deputy Chen nodded and said to his old friends, "I'll take his call now, can we continue our discussion later?"
"Sure."
Everyone nodded.
Consequently, Vice Deputy Chen stepped out of the conference room, headed to his office, and answered the call from Mist City Arts and Science University's principal office.

"Hello, Principal Ding, what prompted you to call me?"

Vice Deputy Chen asked with a smile after picking up the phone.

"On a day like this, with America's Space Exploration Technology Company taking a significant step in the aerospace field, the first person I thought of was naturally you, Vice Deputy Chen."

Ding Yue calmly said, "I watched the live stream; Starship One successfully launched into its predetermined orbit and is now heading for Mars. What is Vice Deputy Chen's assessment of this?"

"I was just discussing this with the veterans of the Space Administration,"

Vice Deputy Chen said earnestly, "I must say, America's Space Exploration Technology Company is indeed 'great' in this regard; they've achieved a remarkable feat, commencing the first step for manned landings on Mars. Undoubtedly, they are leading in this aspect."

"What about us? When can we achieve this?"

Ding Yue asked, "I read the space plan released by the Space Administration last year, stating that manned Mars landings will happen around 2035."

"Indeed, there's no other way; we have many paths to tread."

Vice Deputy Chen didn't deny the timeline for manned Mars landings mentioned in the space planning book.

Chapter 1705: Establishing a Joint Research Group with the Space Administration\_2

This indicates that the Space Administration indeed plans to achieve a manned Mars landing around 2035, but as Deputy Chen mentioned, it cannot be helped.

Such matters cannot be accomplished overnight; they require step-by-step progress and the overcoming of one technical challenge after another before they can possibly be realized.

"I think we should speed things up."

Ding Yue suggested, "By the time we achieve a manned Mars landing in 2035, America will likely have already established a complete base on Mars. Moreover, I believe we have the capability to tackle these challenges and accelerate our progress."

"Oh?"

Deputy Chen replied after pondering for a moment, with an expression that seemed to brighten, "I knew that Principal Ding wouldn't come to me for no reason. Tell me, what ideas do you have? Did you get any inspiration after seeing the successful launch of Space Exploration Technology Company's Starship One, or has your Mist City Arts and Science University, or your Feiyue Group's Feiyue Aerospace, made any significant progress?"

Mist City Arts and Science University is quite capable of creating miracles!

This has already been proven in the field of lithography machines and chips. Deputy Chen, upon recalling Principal Ding's proactive call at this crucial moment and his suggestion to speed up the domestic Mars plan, felt this indicated something.

This clearly suggests that Principal Ding has some degree of confidence.

"Deputy Chen, you're overestimating me. There's no significant progress, just some small project research. Recently, I casually invested some money to have our team conduct aerospace technology research, thinking that perhaps we could speed up the Mars plan by collaborating. After all, Space Exploration Technology Company's Starship program has already begun, putting the pressure on us."

With these words, Ding Yue had already stated his position.

"Principal Ding, haven't we discussed collaboration before?" Deputy Chen couldn't help but ask, "Didn't we fail to reach an agreement then?"

"Wasn't the previous discussion about personnel mobility? Of course, I want to cultivate my own aerospace technology talents. Now, the issue is the research cooperation on technical projects, which can indeed be a collaborative matter. What do you think, Deputy Chen?"

Ding Yue said with a smile.

"Principal Ding, in which area of technology would you like to collaborate with us?"

Deputy Chen roughly understood the intention of Principal Ding.

There seems to be the possibility of not getting up early for no price; he wants to leverage the Space Administration to achieve breakthroughs in their Feiyue Aerospace's private aerospace technology?

It seems he needs to be cautious and not fall into the "cunning" young Principal Ding's trap.

"Rocket recovery technology."

On the other end of the phone, the response was very clear and concise.

The six words "rocket recovery technology" truly shocked Deputy Chen.

"Principal Ding, what did you say? Are you suggesting rocket recovery technology?" Deputy Chen asked in disbelief.

"Yeah, rocket recovery technology."

Ding Yue calmly replied, "Our Mist City Arts and Science University's aerospace academy, along with Feiyue Aerospace Technology, are prepared to invest substantial personnel and funding into rocket recovery technology for the sake of Xia Country's aerospace industry."

"However, I believe if we partner to develop rocket recovery technology, the efforts would be much more effective. What do you think, Deputy Chen?" Ding Yue added.

"If you're also investing in rocket recovery technology, I think it would be like this."

Earlier, Deputy Chen was discussing with his old colleagues the critical challenges in rocket recovery technology in a meeting. The Space Administration has been researching it for several years but has faced stagnation. Many domestic aerospace universities have collaborated, yet many

talented aerospace academics have joined the rocket recovery technology project team, and progress has not been as smooth as expected.

Will the involvement of Mist City Arts and Science University's aerospace college and Feiyue Aerospace Technology make things better?

Or as Principal Ding said earlier on the phone, will they accelerate the progress?

The answer should be yes.

At least that's what Deputy Chen thinks, because Deputy Chen has quite a bit of confidence in Mist City Arts and Science University's aerospace college.

"So what do you think? Are you interested?"

Ding Yue asked with a smile.

"If we can collaborate to develop rocket recovery technology, then that would undoubtedly be great." Deputy Chen said excitedly, "Principal Ding, what are your thoughts? In this collaboration to develop rocket recovery technology, what do you hope to achieve?"

Deputy Chen knows that Principal Ding is a "businessman," and Deputy Chen even predicts that he may be Xia Country's future "Eckx"!

"I just want our country's aerospace technology to be at the forefront globally. Rocket recovery technology is a very fundamental technology for aerospace and space development. We must master it, and what I can do is explore a collaborative research approach between us to expedite its development."

Ding Yue's tone was very sincere.

Deputy Chen could sense from Principal Ding's words that he truly has a heart for the country's aerospace industry.

Even if Principal Ding wants to develop Feiyue Group's private aerospace technology, it's still beneficial to the domestic aerospace industry's development. Moreover, Principal Ding now proposes to collaborate with the Space Administration in researching rocket recovery technology, which constitutes a step towards significantly advancing the aerospace industry. This is, of course, predicated on the successful early development of rocket recovery technology.

The Space Administration's plan outlines developing rocket recovery technology within five to eight years. By that time, it'll be close to 2035, when preparations for the manned Mars landing plan will be rushed; time will be quite tight.

But if rocket recovery technology can be developed earlier, the Space Administration will have more time to prepare for the Mars plan, potentially allowing, as Principal Ding suggested, for the Mars plan to be moved forward.

"Principal Ding, our Space Administration would warmly welcome your collaboration. How about we agree on partnering for research into rocket recovery technology? When should we start implementing?"

Deputy Chen was eagerly prepared to finalize the matter, ensuring Principal Ding wouldn't change his mind.

"It depends on when the Space Administration can have the rocket recovery technology research team collaborate with us."

Ding Yue said with a smile, "Our Mist City Arts and Science University, Feiyue Technology, are constantly prepared."

Ultimately, much depends on the Space Administration.

Mist City Arts and Science University's aerospace academy is ready to select a group of skilled teachers and students in rocket recovery technology to join the Space Administration's rocket recovery technology project.

This time, Ding Yue and his team are participating in the Space Administration's project because rocket recovery technology hasn't yet been established at Mist City Arts and Science University or Feiyue Aerospace Technology.

But it's different at the Space Administration, where rocket recovery technology research has several years of foundational work.

Based on this foundation, if the top-tier students and faculty from Mist City Arts and Science University's aerospace academy team up with the Space Administration's leading rocket recovery technology engineers, they could overcome many challenges and ultimately develop the rocket recovery technology!

"Alright, I'll make time to visit your Mist City Arts and Science University soon, what do you think?"

Deputy Chen was exceptionally proactive about this matter.

"Great!"

Ding Yue saw Deputy Chen's enthusiasm and couldn't refuse.

Rocket recovery technology, here we come!

Chapter 1706: Which departments or majors are relocated to the South Campus? Half a month later.

Mist City Arts and Science University School of Aeronautics and Astronautics, a total of 129 teachers and students, along with 26 people who had previously graduated and joined Feiyue Aerospace Technology Department, a total of 155 people, joined the Space Administration's rocket recovery technology research project team.

From now on, these 155 people will, over a long period of time to come, work together with the rocket recovery technology engineers at the Space Administration to develop rocket recovery technology.

The Space Administration has a certain foundation in the research of rocket recovery technology, after all, this rocket recovery technology project was established a few years ago.

Although the research progress over the years has not been as slow as imagined, it has also not been without progress, considering that the most top-tier talents in the field of rocket recovery technology are gathered here.

Therefore, with a certain foundation already established, coupled with the excellent team of 155 provided by Mist City Arts and Science University, and with the assistance of the Mist City Arts and Science University computing team, research has begun to progress smoothly.

Why did the computing team from Mist City Arts and Science University also get involved in the rocket recovery technology project to provide support?

This is because rocket recovery technology, to a certain extent, is closely related to rocket control engineering, and research into rocket control engineering inherently cannot be separated from related computer technology.

At this time, the top computing team led by Xu Bin and Chen Jun from Mist City Arts and Science University became indispensable, despite the fact that the Space Administration also has an impressive computing control team. However, compared to the world-renowned computing team led by Xu Bin and Chen Jun, it still falls slightly short.

That is precisely why.

The research on the computational control aspect of rocket recovery technology was firmly handled by Xu Bin and Chen Jun, and what remained was the research on other aspects of rocket control engineering. This required the people who build rockets to continuously explore and innovate to overcome the challenges, eventually combining all mastered technologies to completely conquer rocket recovery technology.

This process, as estimated by the Space Administration, would take at least one year.

However, over at Mist City Arts and Science University, Ding Yue estimates it won't take as long as a year. After all, funding has already been secured, with coordination and support from the Space Administration, and all of the 155 excellent rocket technology faculty and students from Mist City Arts and Science University have been empowered by Ding Yue with rocket recovery technology. After participating in the project, their mastery of rocket recovery technology is becoming deeper and faster.

In such an optimistic situation, why would it still take a year?

Ding Yue believes it would take about half a year!

That is to say, when America's Space Exploration Technology company's Starship One arrives near Mars, Xia Country's rocket recovery technology would already be developed and even potentially applied to rocket launch and space development plans.

Thus, when Mist City Arts and Science University School of Aeronautics and Astronautics, Feiyue Aerospace Technology, and the Space Administration began collaboration, Ding Yue temporarily stopped worrying about these matters.

Just waiting for the research results from both sides.

During these few months, the teaching aspects of Mist City Arts and Science University have been steadily improving, thanks to Director Qi Chunsheng, a highly capable educator, leading thousands of excellent lecturers and professors to impart knowledge to over 200,000 students at Mist City Arts and Science University.

Not only that.

The over 200,000 students of Mist City Arts and Science University have also received a strong learning buff effect within the university, with learning efficiency continuing to rise steadily.

Everything is progressing as expected.

During these few months, the previously "stunning" Pharaoh Kingdom's new capital New Cairo City project was also underway, as eight construction teams from Feiyue Construction Company and the majority of Feiyue Construction's employees had arrived in the Pharaoh Kingdom, starting construction of New Cairo City.

With the rumbling machines and transport vehicles beginning to operate on the construction site, a brand-new international oasis city began to thrive on this desert land.

Not only that.

To fulfill the initial promise to build an "oasis city" for the Pharaohs, relevant faculty and students from the Mist City Arts and Science University School of Environmental Sciences and Botany are urgently conducting successive relevant technology research, as well as various soil environment improvement work needed for the construction of New Cairo City.

To this end, Mist City Arts and Science University's School of Environmental Sciences, Botany, and other departments have dispatched over 100 faculty and students to the construction site of Pharaoh Kingdom's New Cairo City to lay a solid foundation for the city's green system.

After all, they promised to deliver an oasis city to them, and it was precisely because of the "Oasis City Plan" that they were able to secure the New Cairo City project, so it simply has to be delivered.

Building New Cairo City won't be completed in a year or half a year; it is a vast project. Even with a large construction team dispatched by Feiyue Construction Company, it would still take two to three years to completely create an oasis city for the Pharaoh Kingdom.

Chapter 1707: Which departments or majors are relocated to the South Campus?\_2

In these two or three years, the Pharaoh Kingdom can afford to wait, as this is the timeframe they have planned.

Therefore.

In these two or three years, Feiyue Construction Company focused most of its efforts on the new Cairo City in the Pharaoh Kingdom. Once they "win" this battle in the new Cairo City, Feiyue Construction Company can once again achieve a smooth development.

At this stage, Feiyue Construction Company is working on two main projects: one is the new Cairo City in the Pharaoh Kingdom, and the other is the mostly completed Mist City Arts and Science University's South Campus.

As for the Mist City Arts and Science University's South Campus, ever since the construction began, Ding Yue hasn't paid much attention, only occasionally getting updates from Director Chen Ping on the construction progress.

Now, with the construction of Mist City Arts and Science University's South Campus nearly complete, by the time the new batch of students arrives next September, better student distribution can certainly be achieved.

In fact.

When Ding Yue learned that the construction of Mist City Arts and Science University's South Campus was nearing completion, to ensure better campus planning and not resort to last-minute solutions, Ding Yue decided to hold a meeting to discuss which departments and majors should move from the existing campus to the South Campus for teaching.

To be honest, Mist City Arts and Science University's campus currently has over 200,000 students, making it somewhat "crowded." Ding Yue believes that accommodating tens of thousands of students on this campus would be ideal, ensuring the campus neither feels overcrowded nor deserted, with basic infrastructure achieving a perfect balance.

Continuing at this pace, the total number of students, including undergraduates, postgraduates, and doctoral candidates, at Mist City Arts and Science University will exceed 300,000. At that point, the infrastructure may likely become overloaded.

Take the library for example.

Although Mist City Arts and Science University's current campus has three libraries—one old library and two new large libraries—this still poses a tremendous burden for 300,000 students.

The South Campus is also building two large libraries. Thus, transferring some students to the South Campus will effectively alleviate the load on these basic educational facilities.

So three days later.

Ding Yue officially convened Mist City Arts and Science University's educational leaders, department directors, and deans from various schools in the No. 1 meeting room of the Administration Building to discuss the matter.

"Hello, Principal Ding."

Upon seeing Principal Ding, the department directors and deans greeted him.

They are aware of the meeting's agenda.

When Ding Yue instructed Secretary Wen Ruohan to notify them, he had Wen Ruohan inform them.

"Please sit, everyone, please be seated."

Ding Yue glanced around the meeting room, seeing that all the necessary attendees, including his well-known partners Huang Youjie and Xu Bin, were present, as they are the Director of Administration and the Director of Logistics, respectively.

"Everyone is here, so before we start the meeting, let me first briefly outline the situation."

Seated at his principal meeting position, Ding Yue began, "Director Chen Ping is not here; you all know that he's leading the team constructing the new Cairo City in the Pharaoh Kingdom, so I'll personally brief you on some matters. Our Mist City Arts and Science University has been increasing enrollment each year, leading to a growing student population. Over a year ago, the university leadership began planning and constructing the South Campus to consider the campus's capacity. Now, after over a year, the South Campus construction is mostly complete, with some remaining work to be finished in the first half of this year. By the second half, after the new admissions in September, or rather before that, we need to decide which departments and majors will relocate to the South Campus for daily teaching work."

After Ding Yue's remarks, the deans in the meeting room began discussing.

After all, this matter concerns each of them.

Over the years, everyone has grown accustomed to this campus; who would willingly leave the current teaching environment for an entirely new teaching area?

Even though the South Campus is not far from the current campus, just below University Town, people hesitate to leave their comfort zone once accustomed to it.

"So today, let's have a democratic discussion on the current teaching situation and future teaching planning, and let's have a comprehensive discussion,"

Ding Yue said to the deans, "What are your opinions, everyone?"

"Principal Ding, I suggest that with our current campus, where teaching is quite established, we could consider keeping the traditional departments and majors here while relocating the emerging departments and majors to the new campus. This would also provide emerging departments and majors with more expansive teaching space."

At this moment, one dean suggested.

Evidently, this dean oversees a traditional department.

Chapter 1708: Which departments or majors are relocated to the South Campus?\_3

At Mist City Arts and Science University, there is indeed a distinction between traditional and emerging departments.

Traditional departments undoubtedly include majors such as physics and chemistry, mechanical computing, architecture and media, aerospace, and agriculture, forestry, fishing, and animal husbandry, which exist in many universities.

Emerging departments are those like the e-sports academy, culinary arts department, and National Academy, which rose at Mist City Arts and Science University. However, many private and even public universities now have similar e-sports and National Arts departments.

"Director Liu, you speak quite biasedly. Why should our emerging departments be relocated to the South Campus?"

At this time, a director from an emerging department refuted Director Liu's remark.

"I'm just suggesting. Ultimately, it's Principal Ding who will make the decision." Director Liu shrugged and spread his hands, saying.

"Cough, cough."

Ding Yue lightly coughed, signaling everyone not to start arguing over this.

After all, unity is essential; we shouldn't fight over this matter.

"Regarding this issue, I'm not really making any decisions. I'm not going to force any department to move to the South Campus. We're just discussing. The purpose of this meeting is to fully engage in democratic discussion and eventually form a unified opinion that everyone agrees on."

Ding Yue emphasized.

Though at Mist City Arts and Science University, for anything to count, it indeed requires Ding Yue's approval, and his subordinates must execute even if they disagree. But if things were truly that way, it would create significant drawbacks.

Therefore, Ding Yue intends to fully utilize the democratic approach, allowing everyone to engage in the discussion and form a consensus that everyone agrees on.

"Director Qi, do you have any better suggestions?"

Ding Yue looked at Director Qi Chunsheng and asked.

"Principal Ding... well, honestly, whether it's the palm or the back of the hand, both are flesh, and nobody wants to leave." Qi Chunsheng shook his head and said, "This is understandable, but some departments and majors have to move to the South Campus, and everyone needs to understand this."

"Understand, understand."

The department directors unanimously nodded in agreement.

"Everyone, the conditions at the South Campus aren't worse than here; they're built to the same standards. So don't think moving to the South Campus means suffering; that's not the case, understand?"

Ding Yue specifically emphasized this point.

Otherwise, it might lead to misunderstandings, making people think moving to the South Campus means the university doesn't value their department, which isn't true.

The construction of the South Campus is no worse than the current campus; its infrastructure, equipment, and environment are top-notch, even better.

"Principal Ding, our National Academy has no objections. I volunteer to relocate to the South Campus."

At this moment, Director Wu Changdao of the National Academy stood up and volunteered to move to the South Campus, setting a good example.

Seeing this, Ding Yue nodded with satisfaction and said with a smile, "Great, Director Wu, it's excellent that you have this understanding, so we'll count the National Academy in."

Regarding the National Academy, for Mist City Arts and Science University, changing campuses seems to have no real impact, so Ding Yue agreed without hesitation to Director Wu Changdao's volunteering.

"Eh, I suddenly thought of something."

At this moment, Xu Bin seems to have something to say.

Chapter 1709: The Whole School Reaches a Unified Understanding

"Director Xu, do you have anything to say?"

Ding Yue noticed that Bin seemed to have some ideas, so he looked at him and asked.

"That's right."

Xu Bin nodded slightly, then looked around at the department directors in the meeting room, and calmly said, "I was inspired by Director Wu Changdao's proactive approach to volunteering earlier, which got me thinking about relocating departments to the south campus. Currently, the National Academy's laboratories and research areas in our campus are neither impossible to move nor too difficult to relocate. For instance, the gymnasium and stadium over there can provide spaces for the National Academy, right?"

The department directors all nodded upon hearing this.

Director Xu Bin stated this rationale, and Ding Yue seemed to understand his meaning upon hearing it.

"Director Xu, do you mean... relocate those departments whose labs and research areas are not too difficult to move, to the south campus?"

Ding Yue asked directly.

"Exactly, that's what I mean."

Xu Bin nodded and replied, "Because relocating the departments with major laboratories and research facilities is indeed very challenging, especially with some equipment that's impossible to move, or the cost of moving them is extremely high. Have the department directors considered this?"

Director Xu Bin's words were indeed enlightening for every department director present.

"Indeed, relocating our Physics Department's high-energy particle colliders would be very costly," the Physics Department director said, shaking his head.

"Yes, yes."

"Indeed, we shouldn't cause unnecessary waste."

"That is indeed a criterion for consideration."

"In that case, our Social Sciences could choose to move."

"Our Philosophy Department as well."

In a short while, the department directors all began to think of the school. Based on Director Xu Bin's suggestion, other department directors also volunteered to relocate to the south campus.

For example, the Social Sciences and Philosophy Departments.

These departments, while important, did not require as much investment in terms of funds and equipment as the Physics, Chemistry, Computer Science, or Aerospace Departments.

Therefore, their relocation costs would be relatively low.

"Principal Ding, our Chinese Department can also be transferred."

At this moment, the director of the Chinese Department also stood up and said.

In Mist City Arts and Science University, the Chinese Department is one of the larger ones. It includes various Chinese-related specialties, literature, and classics. This department doesn't possess as many labs as the science and engineering departments, but it does have a collection center, which isn't too much of a problem to relocate.

"The Foreign Language Department can also be moved."

The director of the Foreign Language Department did not refuse to relocate either, since the Chinese Department chose to move to the south campus, the Foreign Language Department naturally followed suit.

"Mm-hmm."

Ding Yue was very satisfied as he nodded and said, "Considering the relocation costs for the university, I am very pleased. At the south campus, you will have the same opportunities for development, believe me."

Xu Bin's suggestion, based on the difficulty and cost of relocation, on which departments should move to the south campus, was undoubtedly very sound.

Clearly, most of the departments in the sciences wouldn't move.

Over the years, Mist City Arts and Science University has placed great emphasis on the sciences, with various laboratories being rapidly established, and the scale of research base centers continually expanding. Currently, the number of advanced laboratories in the research base center ranks among the top in domestic universities.

Of course, there are still some science departments that haven't had the chance to build laboratories and research sites. These departments can consider relocating and looking for better locations to build research facilities in the south campus.

After all, the research base center at the current campus is gradually approaching saturation.

"In that view, Principal Yue, our Law School can also be moved. I think the Computer Science Department where Director Xu is, shouldn't move since the server groups are here."

At this time, Huang Youjie made suggestions regarding his alma mater, the Law School, and Xu Bin's alma mater, the Computer Science Department.

The Law School is indeed suitable for relocation.

After all, the Law School doesn't have major facilities or equipment, just some legal simulation classrooms, which can be modified easily.

In a nutshell,

Departments that are focused on theory during the academic term can actually be moved to the south campus, while departments focused on practice, with established foundations, won't move, because the cost and difficulty of relocation are too high.

"So, shall we add the Law School to the relocation list?"

Ding Yue looked at the director of the Law School.

Since Huang Youjie wasn't the director of the Law School, but an outstanding alumnus, his suggestion required the Law School director's consent.

Chapter 1710: The Whole School Reaches a Unified Understanding\_2

"Mm-hmm, Principal Ding, no problem."

The Dean of the Law School naturally had nothing to say and immediately nodded, indicating agreement for the Law School to also relocate.

After all, Director Xu Bin's reasoning made sense, and Principal Ding decided to use this selection method, so the Law School had no reason not to relocate.

It would be good to relocate too. In the new campus, with a new environment, they might even be able to have two more buildings as the main teaching and other facilities of the Law School. Also, relocating to the South Campus is to alleviate the burden on the current campus, which definitely should be supported.

"Mm-hmm, all right."

Ding Yue nodded and said, "Then let's add the Law School to the relocation list. As for the Computer Science Department, it's quite large in scale, and the server group is over here, so it's difficult to move; thus, it won't be relocated. In addition, Director Jian Zihao, I don't think your Esports Academy is suitable for relocation. You see, the training base is here, and many esports training rooms are well set up here. Moving will be quite a tedious task."

"Mm-hmm."

Director Jian Zihao nodded, agreeing with what Principal Ding said.

The Esports Academy is also large in scale and has already taken root in this campus, so relocating would indeed be difficult. Although the cost isn't as high as that of the science and engineering departments, the difficulty and hassle are considerable.

"Principal Ding, should our Culinary and Gastronomy Department relocate?"

At this moment, the Dean of the Culinary and Gastronomy Department suddenly asked.

He was quite conflicted.

Relocating the Culinary and Gastronomy Department is indeed quite challenging, but if you say the relocation cost is low, that's also true because the teaching facilities of the Culinary and Gastronomy Department are different from the Esports Academy. Besides, the Esports Academy is somewhat linked to the Computer Science Department, having used the esports management system developed for them.

The classrooms of the Culinary and Gastronomy Department are actually quite complex, but after considering, the Dean realized that, compared to most of the science and engineering disciplines, the relocation cost is significantly lower.

"Culinary and Gastronomy Department..."

Ding Yue rubbed his chin, muttering, "It might be a department that could or could not be relocated. You do have quite a few students, right? And we've already established a relatively complete culinary and gastronomy teaching system here, but there will be several cafeterias in the South Campus as well, and many on-campus dining shops will be needed. Eventually, it will still be done by the people from your Culinary and Gastronomy Department."

"Then Principal Ding, how about this?"

The Dean of the Culinary and Gastronomy Department suggested, "We have larger facilities and more students here for Chinese cuisine, which makes relocation more complicated. However, for Western cuisine, I think it can be relocated, and there is basically no overlap in the teaching tasks of Chinese and Western cuisine, so moving the Western cuisine specialty would not affect us."

"Mm, that's also good."

Upon hearing this, Ding Yue found the suggestion from the Dean actually quite reasonable.

The current campus of Mist City Arts and Science University needs to relocate as many students as possible. After all, next year's enrollment numbers for the Computer Science Department, Esports Academy, Architectural College, Mechanical Department, and others will definitely be very high.

By freeing up a certain amount of space now, it ensures the perfect accommodation of new students when they arrive, at least to prevent the campus from becoming overloaded.

Thus, Ding Yue analyzed all the departments and faculties at Mist City Arts and Science University based on the basic relocation requirements proposed by Xu Bin, and those who should relocate to the South Campus basically had no objections from the department heads.

Since the current campus of Mist City Arts and Science University has a large agricultural and forestry area, there won't be any relocation for the agriculture, forestry, fisheries, and animal husbandry majors when they don't have the same space at the South Campus.

The Aeronautical and Astronautical Academy also won't relocate since its facilities and experimental sites are already established.

In the end.

Ding Yue and the department heads reached a unanimous resolution, listing the departments and majors that plan to relocate to the South Campus unless special circumstances arise then.

"Everyone, according to the list, the Social Sciences Academy, National Academy, Chinese Department, Western Cuisine Specialty of the Culinary and Gastronomy Department, Law School, Foreign Languages Department, Philosophy Department, History Department... and a series of other departments and majors will start relocating to the South Campus for teaching work next semester, with specific relocation matters to be handled during the summer by Director Huang from the Logistics Department."

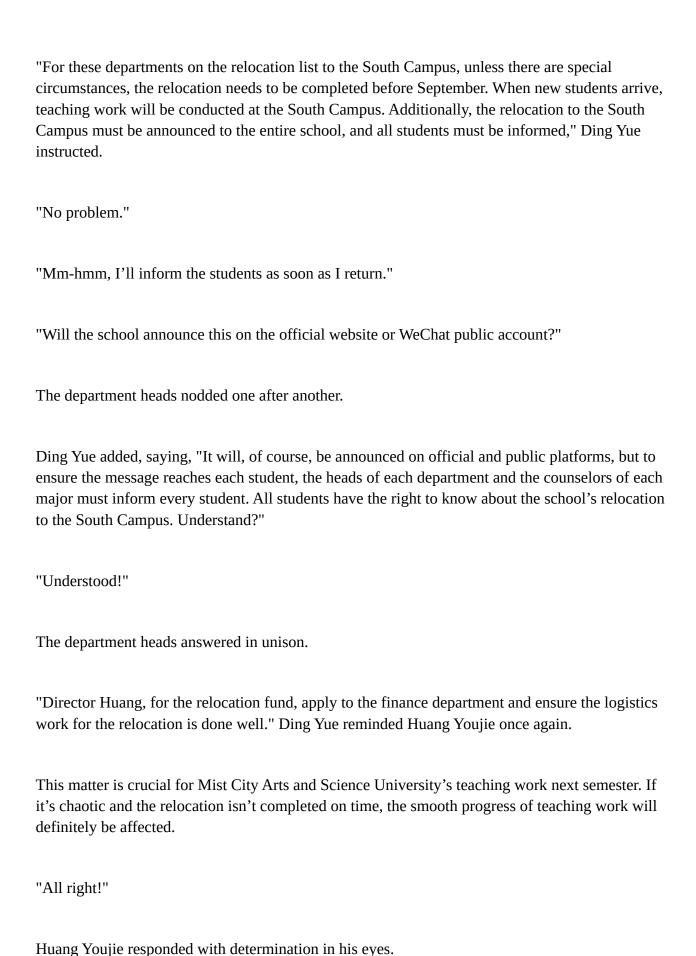
Ding Yue cast his gaze on his partner, Huang Youjie.

With so many departments relocating, aside from their own involvement in the relocation, they mainly rely on the Logistics Department of Mist City Arts and Science University to make it happen; otherwise, the relocation wouldn't be so simple.

Huang Youjie nodded confidently and said, "Rest assured, Principal Ding."

Mist City Arts and Science University's logistics department is quite impressive, with its staff numbers expanding these past years, having perfect management and a strong operational capability.

They have two months of summer, more than enough to help these dozen or so departments move to the South Campus.



Thus, after deciding which departments would relocate to the South Campus, the meeting concluded. Afterward, Ding Yue asked Secretary Wen Ruohan and the Academic Affairs Office to notify the publicity department to announce the relocation to the South Campus on the school's website, school radio, WeChat public account, and other platforms.

With the meeting concluded, the department heads all returned to disseminate this information.

Ding Yue, however, stayed in the meeting room, with Xu Bin and Huang Youjie also remaining. But Ding Yue didn't pay attention to the two of them, instead pondering over his University System.

A virtual system panel appeared before Ding Yue's eyes.

"System, once the South Campus is put into use, will the learning buffs I previously added to the school still be effective there?"

Ding Yue immediately asked about this issue.

Since he wasn't sure, Ding Yue had to ask the system clearly; otherwise, if students at the South Campus couldn't benefit from the on-campus learning buff, that would be a problem.

"As long as it falls within the campus range of Mist City Arts and Science University, learning and teaching buffs are effective for all faculty and students! The effect varies per individual!"

The system answered Ding Yue's question.