#### **Designated National University Corporation Proposal**

#### **Driving Social Change with Integrative Knowledge**

Objective I Objective II

Become a platform for knowledge that drives world-class research and education Become the core of an innovation ecosystem that forges new social and economic systems

# Boost research capabilities to compete with the world

Enhance research strategy and identify new strengths via the Comprehensive Research Strategy Council

Promote the generation and implementation of integrative knowledge to advance research and solve social issues

Acquire excellent young, female, and international researchers

# Enhance teaching to train professionals who create new value

Adapt problem-solving-oriented education programs and STEAM education into a campus-wide curriculum

Expand interdisciplinary degree programs that span across schools to develop versatile Ph.D. graduates

Internationalize education through Collaborative Online International Learning (COIL), double-degree programs, and joint-degree programs

Strengthen university

governance



#### **Connect with society**

Strengthen industry, academia, and government collaboration to facilitate the solving of social issues and to accelerate the commercialization of research output

Promote university start-ups

Encourage citizen science through collaboration with local communities

## Strengthen international collaboration

Enhance international collaboration with strategic partners

Accelerate international talent circulation through expansion of joint research

Make the campus environment more conducive to globalization

Creation and utilization of integrative knowledge

Stimulate initiatives throughstrategic resource allocation

### Strengthen our financial Base

Adopt corporate points of view for management and diversify campus

Secure diverse financial resources based on strategies for acquiring external funds



					period objective	es			erm period ol	bjectives
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Driving social chan	ge with int	egrative k	nowledg	je						
Establish offices responsible for the Initiatives		• Establish the l for the Desig Society in AY	n of Future		management of ou				n of university res	sources
		Establish the loffice for Da Innovation in	ta-Driven	Formulate, imp	lement, and manag	e the university	s DX initiatives			
Initiative for solving issues faced by	Three entry		in	aterials research in frastructure technol 1: Research on disea telemedicine; and	ogy for social imple	ementation early detection; ¡	preservation of hea			
society through innovation	points	3. Enviro	nment and fo	environmental	eanic and atmospho problems and food			From Fukuoka-Kyı		
Initiative for DX- driven social reform				and governance an	d develop ICT profe	essionals $\rightarrow$		esearch fields and		
Steps to enhance teaching to train professionals who create new value										
Advance problem- solving and value- creation oriented education			rses TEAM educ	oriented  cation (STEM +  nip courses • Imp	design thinking	departments' pr	ograms by AY202		-disciplinary ed	lucation
Develop versatile Ph.D. graduates		Establish the Gr     Program for M     for Innovation     Enrich educa	athematics in AY2022	Introduce the D     Program for S     Workforce in A  ms through indust	tudents in the Y2024	vernment colla	boration ●Bro	oaden career pa	ths for Ph.D. g	raduates
Internationalize of campus and education	Number of inter		faculty with 00 (42%) ng internation	al courses and inter		Y2025 in undergraduat		Number of internati Number of internati international experi Irriculums and inci	onal faculty and facence: 1,500 (63%)	aculty with )

			4t	th mid-term p	eriod objectiv	es		5th mid-term period objectives		
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Steps to boost rese	arch capa	bilities to	compete w	ith the wo	rld					
Enhance implementation of research strategy (Establish head office)			sive Research uncil in AY2022				ify new research proved to enhance			Il to lead
Promote generation and implementation of integrative knowledge			Build platform humanities and	ies to promote the as for knowledge in discocial sciences ian hub for research	itegration between	n the natural scien		ategies impleme	ented by the <b>Com</b>	prehensive
Strengthen frontier research		scientific innovatio	Introduce the Research Introduce in AY20  tatus regarding intoduce the Research Introduce in AY20      The Research Introduce in AY20	Designated novation		→inc	rease large-scale re			
Recruit and develop excellent researchers	Remake the Institute for Advanced St (IAS) into a strategic hub recruiting  Implement U maintain the	for Reform	● Introduce  and Revitalizat	oung researchers the <b>Foundation</b> tion System and 6	from overseas in	five years  n for Internatic recruitment ar	verification / improvement ational Leade and development of searchers in 7	rship Develor	2 <sup>nd</sup> Stage	
Promote curiosity- driven research	Quarte in AY2	●Expand resea	• Establish the Bank in AY2	by investing up to uthors in the last f	o of 3 billion yen i	n 6 years	excellent resea	th international co	pauthors over five y	
		young researcher	top ten percent jou s: 24%; female res				rticles published in of young researcher %.			



Strengthen the university's power to promote open innovation  Advance social implementation and strengthen the financial base  Occurrent to GAP fund NEXT program in AY2021  Commercialization verification by Pre-CXOs and systematic entrepreneurship education for Pre-CX and systematic entrepreneurs	2030								
Strengthen the university's power to promote open innovation  • Launch a new external corporation in AY2024  • Launch a new external corporation in AY2024  • Conclude institutional collaboration agreements with large companies with the President leading the sales pitch, win more large-scale joint research project establish a start-up support fund  • Introduce the GAP fund NEXT program in AY2021  • Commercialization verification by Pre-CXOs and systematic entrepreneurship education for Pre-CX 1. Amount of funding for joint research: 5. billion yen 2. Number of university start-ups: 15 in the last 5 years	1								
Strengthen the university's power to promote open innovation  • Launch a new external corporation in AY2024  • Conclude institutional collaboration agreements with large companies with the President leading the sales pitch, win more large-scale joint research project establish a start-up support fund  • Conclude institutional collaboration agreements with large companies with the President leading the sales pitch, win more large-scale joint research project establish a start-up support fund  • Introduce the GAP fund NEXT program in AY2021  • Introduce the GAP fund Next									
Advance social implementation and strengthen the financial base  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services  OIP's support section will be passed on to the external corporation to a continuity of services									
Advance social implementation and strengthen the financial base    Strengthen the financial base   Commercialization verification by Pre-CXOs and systematic entrepreneurship education for Pre-CX	ensure								
implementation and strengthen the financial base  NEXT program in AY2021  Commercialization verification by Pre-CXOs and systematic entrepreneurship education for Pre-CX and systematic entrepreneurship education for Pre-CX in the next ten years 2. Number of university start-ups: 15 in the last 5 years  1. Amount of funding for joint research: 5 in the next ten years 2. Number of university start-ups: over 50	ts, and								
financial base  1. Amount of funding for joint research: 2.5 billion yen 2. Number of university start-ups: 15 in the last 5 years  1. Amount of funding for joint research: 5 lin the next ten years 2. Number of university start-ups: over 50									
	billion yen								
Encourage citizen science  • Implement research and education activities with social experimental elements that are closely intertwined with the local community outreach campaigns such as science cafes	y and								
Steps to strengthen international collaboration									
Accelerate international talent  • Formulate an evidence- based international strategy in AY2022  Improve initiatives and strategies by regularly seeking advice from the Global Advisory Board									
circulation through strategic global  Bolster international collaborative relationships and exchange with our strategic partner institutions through overseas matching funds									
partnerships  • Increase the number of international researchers and students taking advantage of our first-rate research and education facilities • Accelerate international joint research through cross-appointments									
Make the campus environment more  Build more dormitories around the campus where local and international students live side by side Promote interactions, exchanges, and co-learning among international and Japanese researchers and students									
conducive to international talent circulation  • Establish a new fellowship system in AY2023  Increase opportunities for international alumni to return for research									

	4th mid-term period objectives							5th mid-term period objectives		
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Steps to strengther	n universit	y governai	nce							
Strengthen university governance by adopting corporate points of view for management	• Allocate e	fficiently and	Fukuoka Directarting from Ayable Energy Coo	ective Council (FD /2021 to realize operation Comn ernal resource	c), Organization e a carbon-free nittee es (human res	for Promotion Ac society in colla sources, equip	ademic City by Ky boration with na oment, money	ushu University ( ational universit , space, time	OPACK), etc. ties in the Kyus	<u>(</u> )
Diversify the campus	Females and	● Increase the further by hiring international madership: 24%	ng more empl				y members in lifestyles	Females and	international m dership: 40%	nembers in
Steps to strengther	n our finan	cial base								
Strengthen our financial base strategically	• Strengthen and • Increase revewealthy and • Ratio of externordinary revening Joint research for the strength of the strength	Establish a syster external funds are budgets from AY     Expand joint reconstruction.      Increase invested a system our network of the Kytsoon-to-be wealth all funding to	esearch through to the through the through	nanies by increasing the corporations wi	ng university-laun	ched start-ups a	ater profits through and promoting comersity CEO Club and international s	amercialization of and attract large destudents and developments.	research results onations from co	mpanies  ons with the  ding to 5%