



Al Imam Mohammad Ibn Saud Islamic University
College of Computer and Information Sciences
Information Systems Department



Strategic Plan of IS program

(Action Plan)

2018-2022



Spring 2018

Action Plan

Education			
Priority (1)	Meet the National/International high standards of quality in teaching		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
1/1 Comply with NCAAA requirements 2018 (1 year)	-IS Quality Assurance Committee -All faculty members	<ul style="list-style-type: none"> • Program self-study report • Internal/External reviewers • Review course specification 	<ul style="list-style-type: none"> • New accreditation by NCAAA
1/2 Continue to fulfill the accreditation requirements of ABET 2018 (3 years)	-IS Quality Assurance Committee -All faculty members	<ul style="list-style-type: none"> • Update course specification • Update course portfolio • Evaluate PLOs, CLOs 	<ul style="list-style-type: none"> • Renewal of accreditation by ABET
1 /3 Establish benchmarks for IS programs and compare performance with respect to KPIs 2018 (1 year)	-IS Quality Assurance Committee	<ul style="list-style-type: none"> • Build system for benchmark the IS courses that include the details of chosen Universities 	<ul style="list-style-type: none"> • Number of national/international benchmarks • Number of KPIs in which comparable performance is achieved

Education			
Priority (2)	Offer a rigorous, relevant, and continuously updated education based on market and community needs.		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
2/1 Develop and offer a rigorous, relevant and continuously updated curriculum. 2018 (5 years)	-IS Quality Assurance Committee	<ul style="list-style-type: none"> • Conduct market need analysis with regard to the required skills in the IS graduates. • Benchmark the IS curriculum with international academic standards. • Market analysis survey results • Strengths and weaknesses • Update undergraduate/graduate curriculum 	<ul style="list-style-type: none"> • Number of overhauled courses • Number of newly introduced courses • Number of career days we are running every year
2/2 Commencement of new educational programs. 2018 (1 year)	-IS Quality Assurance Committee	<ul style="list-style-type: none"> • Develop KPIs for evaluating IS programs • Monitor final exam papers • Improved KPIs grades 	<ul style="list-style-type: none"> • Number of newly introduced educational programs
2/3 Adoption of latest tools and techniques to deliver the courses. 2018 (5 years)	-IS Quality Assurance Committee -College administration	<ul style="list-style-type: none"> • Learning Management System • Smart classes • Specialized labs 	<ul style="list-style-type: none"> • Number of newly introduced tools • Number of smart classes • Number of new installed labs

Education			
Priority (3)	Provide a friendly environment to improve student's soft skills.		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
3/1 Improvement of English language skills of incoming students. 2018 (5 years)	-College administration	<ul style="list-style-type: none"> • Start English students' clubs • Start open English courses • Design and run specialized free online English course 	<ul style="list-style-type: none"> • Performance in preparatory year in English courses • CLO achievements in English courses of the curriculum • Activities of English student club • Employer satisfaction about English language skills
3/2 Improvement of students' ability to work in team environment 2018 (5 years)	-IS faculty members	<ul style="list-style-type: none"> • Start student's clubs • Prepare Yearly graduation project exhibition • Initiate student's competitions 	<ul style="list-style-type: none"> • Team work related CLO achievement in selected courses • Employer satisfaction about team work skills, communication related CLO achievement in selected courses
3/3 Improvement of students' communication skills 2018 (5 years)	-IS faculty members	<ul style="list-style-type: none"> • Start student's clubs • Implement new communication skills topic in courses 	<ul style="list-style-type: none"> • Employer satisfaction about communication skills, Initiation of Speakers forum • Number of speaker's forum organized

			<ul style="list-style-type: none">• Number of new clubs established to improve soft skills• Number of training sessions organized to improve soft skills
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Research			
Priority (1)	Strengthen and expand the research base		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
1/1 Active participation of faculty members and students in research groups. (5 years)	-Research committee	<ul style="list-style-type: none"> • Define and prioritize the research topics based on stakeholders. • Align both of faculty members and postgraduate students to work on identified research topics. • Initiate the research groups with predefined tasks and achievements • Organize weekly research seminars and workshops • Create a team to collect and analyze the collected information from stakeholders. • Monitor the number of research related activities during the academic year. • Establish research chair based on the progress achieved in each research group. 	<ul style="list-style-type: none"> • Number of meetings of each research group • Number of faculty members and students in each research group • Number of meetings to evaluate performance of research groups • Number of collaborations of each research group
1/2 Develop and implement a research plan for information systems department. (1 year)	-Research committee	<ul style="list-style-type: none"> • Design the department research plan based on faculty members' individual plans and the industry needs. 	<ul style="list-style-type: none"> • Approval of research plan • Performance with respect to KPIs of research plan

		<ul style="list-style-type: none"> • Communicate the department research plan to the academic arena to adjust the research topics. 	
1/3 Organize one symposium in two years on department research areas. (2 years)	-Research committee	<ul style="list-style-type: none"> • Arrange the date of the symposium and its proposed title 	<ul style="list-style-type: none"> • number of workshops/training to guide researchers, number of invited talks • number of participants in the program's symposium • number of submitted articles in program's symposium • number of accepted articles in program's symposium
Priority (2)	Increase the impact and visibility of faculty and students' research		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
2/1 Publication of research papers in esteemed international journals (5 years)	-Research committee	<ul style="list-style-type: none"> • Encourage faculty to publish fewer but higher-quality papers and original, interpretative monographs in the very best peer reviewed outlets. • Encourage and support faculty who serve as editors of leading journals. • Regularly publish IS Faculty members research online and in news and other venues. 	<ul style="list-style-type: none"> • Number of published research articles in ISI indexed journals

		<ul style="list-style-type: none"> •Nominate IS faculty for major awards •Citation counts and other usage data (hits, downloads, acknowledgments, adoption of faculty work.) •Prizes, awards, keynotes, editorships, conference program chairs, association presidency, fellowships, honors, nominations and other measures •Department and faculty rankings in national and international surveys 	
2/2 Presentation of research papers and projects in conferences and workshops(5 years)	-Research committee	<ul style="list-style-type: none"> •Encourage faculty members and graduate students to publish in ISI indexed journals 	<ul style="list-style-type: none"> • number of faculty members and students presenting their work at conferences and workshops •Number of published papers should increase to at least 2/semester
2/3 Increased number of grants from external funding agencies. (5 years)	-Research committee	<ul style="list-style-type: none"> • Prepare a list of the accepted organizations and research bodies that could be contacted for financially supporting the projects • At least 2 funded projects 	<ul style="list-style-type: none"> • number of research proposals submitted • number of grants achieved

Faculty and Staff

Priority (1)		Invest in Human Resources		
Initiatives (start/duration)	Human	Action Items	Indicators of Success	
1/1 Recruit outstanding faculty members (2 years)	Department Chair	<ul style="list-style-type: none"> • Recruit high productive diverse faculty and staff. • Higher instructors to teach high enrollment classes, e.g., game programming or mobile application development. • Evaluate and improve faculty mentoring process • Number of applications and hires of faculty and staff • Promotion and tenure for junior faculty. 	<ul style="list-style-type: none"> • Number of new male and female faculty members holding doctoral degree • number of new male and female teaching staff, • number of faculty members applied for promotion, • number of faculty members promoted 	
1/2 Retain exceptional faculty members (5 years)	Department Chair	<ul style="list-style-type: none"> • Encourage staff to take value-adding professional development courses • No of staff completion of professional development courses. • Service awards by faculty and staff • Awards and other recognition for teaching activities 	<ul style="list-style-type: none"> • number of faculty members leaving the department other than reason of retirement 	

<p>1/3 Develop faculty members' skills in teaching and research. (5 years)</p>	<p>Department Chair</p>	<ul style="list-style-type: none"> • Proportion of teaching staff with verified doctoral qualification • Ratio of students to teaching staff 	<ul style="list-style-type: none"> • number of offered training courses at college premises / online / outside premises • number of faculty members participating in professional development programs, number of faculty members earning certification
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Partnership and Community Involvement			
Priority (1)	Build and strengthen strategic partnerships with industry and academia		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
1/1 Involvement of industry's experts' opinions in guiding decision making of IS program(2 years)	Faculty members	<ul style="list-style-type: none"> • Monthly invite key Business leaders to lecturing in the department • 10 arranged seminars 	<ul style="list-style-type: none"> • Number of constituency meeting organized • number of participants from industry/academia in constituency meeting • number of invited business companies in graduation project expo
1/2 Build strategic partnerships with leading information systems programs. (2 years)	College Dean	<ul style="list-style-type: none"> • Choose and sign the agreements • 1 agreement with National University • 1 agreement with International University 	<ul style="list-style-type: none"> • number of signed MOUs with other local IS Schools • number of signed MOUs with other international IS Schools
Partnership and Community Involvement			
Priority (2)	Improve the extent and quality of the offered community services		
Initiatives (start/duration)	Human	Action Items	Indicators of Success
2/1 Develop a coordination mechanism to connect faculty and students to outside community. (5 years)		<ul style="list-style-type: none"> • Prepare and arrange training courses • Prepare and arrange workshops • 5 delivered training courses 	<ul style="list-style-type: none"> • Number of announcements inviting faculty members and students to participate in community service • Number of faculty members and students that participate in community service

		<ul style="list-style-type: none">• 5 delivered workshops	<ul style="list-style-type: none">• Number of self-initiated community services by faculty and students• Number of graduation projects related to community service
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