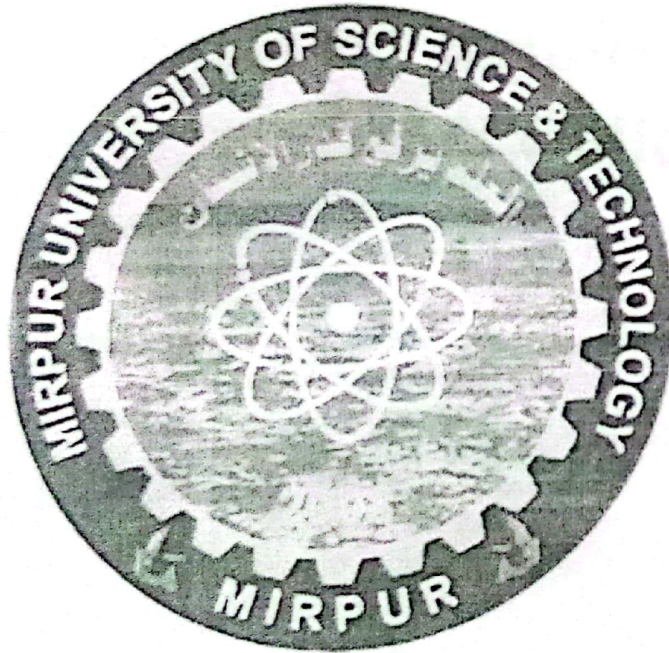


MIRPUR UNIVERSITY OF SCIENCE AND TECHNOLOGY
(MUST), MIRPUR AJ&K



IMPLEMEN
TATION
PLAN OF
SARs

2023-24

- **Main Campus of MUST**
- **Affiliated Colleges of MUST**

MIRPUR UNIVERSITY OF SCIENCE AND TECHNOLOGY (MUST),
MIRPUR-10250 (AJK)-Pakistan
Quality Enhancement Cell (QEC)



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**Implementation Plan of SARs for Academic Programs within University as well as in Affiliated
Colleges 2023-24**

Sr. No.	Department	Program	Weaknesses Identified	Corrective Actions to be taken and responsible body	Implementation Date
Faculty of Engineering & Technology					
1.	MIT	MS Civil Technology	<ul style="list-style-type: none"> ➤ The department should encourage the culture of research and publications by incentivizing faculty and students with monetary benefits as well as to enhance the admissions. It should also integrate new technologies, guest lectures, industrial linkages, and mentoring for career services. ➤ Number of high- quality graduate students / teaching assistants need to be increased. 	HoD, Dean, Registrar	

2.		MS Electrical Technology	<ul style="list-style-type: none"> ➤ Number of high- quality graduate students / teaching assistants need to be increased. 	HoD, Dean, Registrar	
3.	Software Engineering	MSc Software Engineering	<ul style="list-style-type: none"> ➤ The department assesses its performance at regular intervals using quantifiable measures. This involves setting specific metrics or indicators that can be objectively measured, such as key performance indicators (KPIs), to gauge how well the department is meeting its objectives and targets. ➤ The university's current infrastructure and facilities do not sufficiently support the program's objectives. This means there are shortcomings in the physical resources and assets necessary to effectively meet the program's goals and requirements. ➤ Computers are outdated, there is a need of updating of the labs as per emerging technologies. ➤ The mechanism for faculty development should be strengthened. ➤ Improvements are required for hiring and retaining high quality faculty 	HoD, Dean, Registrar/Treasurer/ Project Director	
4.	Civil Engineering	MSc Structural Engineering	<ul style="list-style-type: none"> ➤ Sufficient academic advising services on course decision and career choice should be provided to the students. 	HoD, Dean	

5.	Computer Science & Information Technology	Ph.D. CS&IT	<ul style="list-style-type: none"> ➤ There is a need of senior Faculty. ➤ The mechanism for faculty development should be strengthened. ➤ Institutional facilities are insufficient regarding library, classrooms, and offices. 	HoD, Dean, Registrar/Treasurer/ Project Director	
Faculty of Natural and Applied Sciences					
6.	Biotechnology	BS Biotechnology	<ul style="list-style-type: none"> ➤ When aiming for industry relevance and practicality, it's essential to focus on content that directly addresses real-world applications, tools, and methodologies utilized by professionals. Visit of different Biotech industries should be added in the practical. 	HoD, Dean, Registrar	
7.		PhD Biotechnology	<ul style="list-style-type: none"> ➤ A research project of 4 to 5 lac should be awarded to meet research exposure. 	HoD, Dean, Director ORIC	
8.	Chemistry	BS Chemistry	<ul style="list-style-type: none"> ➤ Hands-on training for different sophisticated equipment should be provided to the final year project students to make them attractive candidates for the industry. ➤ Research funds for consumables should be increased to improve the quality of research work. ➤ The mechanism for the faculty development may be strengthened. ➤ Research rooms for FYP students should be provided. ➤ From the last many years, no funds allocated to purchase the text books for BS and research graduate students. 	HoD, Dean, Registrar/Treasurer/Project Director	

9.		MPhil. Chemistry	<ul style="list-style-type: none"> ➤ Instruments such as FTIR; and UV visible spectrophotometers need repair. ➤ Research students are facing a lot of difficulties in the characterization of their samples as it takes a lot of time to fully characterize their samples. High-tech equipment (SEM, TEM, NMR), etc. may be provided at the doorstep to improve the quality of research work and published papers. ➤ The number of computers is very small, and internet-connected computers are even very low in number for faculty members and no such facility is available for research students. How these students will do these assigned research tasks. <p>Research rooms for M.Phil. and students are required. As the increase in the number of M.Phil. students is expected, more lab space will be required. The amount allocated for chemicals/ glassware over the last many years is not sufficient. It should be increased as inflation has gone up many folds so that the purchase of chemicals/glassware can be improved.</p>	HoD, Dean, Registrar/ Treasurer	
10.	Physics	BS Physics	<ul style="list-style-type: none"> ➤ Lab assistant should be in lab to look after lab activities, and he should not be assigned additional duty tasks. <p>The department has no proper computer lab. It is recommended to establish a fully equipped computer lab in the Department of Physics.</p> <ul style="list-style-type: none"> ➤ A faculty satisfaction survey should be conducted. ➤ Large classrooms should have multimedia facility 	HoD, Dean, Registrar/Treasurer	

11.		Ph.D. Physics	<ul style="list-style-type: none"> ➤ Currently, no proper sitting space for M. Phil. and PhD research scholars. It is recommended to allocate a separate room to M. Phil and PhD scholars equipped with computers/printers. ➤ Faculty development mechanism does not exist. ➤ There should be departmental budget for research and development, moreover departmental budget should be increased. 	HoD, Dean, Registrar /Treasurer/Project Director	
12.		BS Zoology	<ul style="list-style-type: none"> ➤ Ensure there are an adequate number of support personnel, such as lab technicians or teaching assistants, who can assist with instruction and maintain laboratory equipment. This helps in providing timely assistance and maintaining the functionality of the laboratories. ➤ The mechanism for the faculty development may be strengthened. 	HoD, Dean, Registrar/Project Director	
13.	Zoology	M.Phil. Zoology	<ul style="list-style-type: none"> ➤ Ensure there are an adequate number of support personnel, such as lab technicians or teaching assistants, who can assist with instruction and maintain laboratory equipment. This helps in providing timely assistance and maintaining the functionality of the laboratories. ➤ Labs should be provided with sufficient research budget to conduct the research in modern dimensions. ➤ The mechanism for faculty development may be strengthened. ➤ There is serious need of infrastructure in terms of classrooms and offices. 	HoD, Dean, Registrar /Treasurer/Project Director	

14.	CS&IT	MS CS&IT	<ul style="list-style-type: none"> ➤ There is need of technical staff for laboratories. ➤ The mechanism for the faculty development may be strengthened. ➤ Classrooms and offices should be adequately equipped. 	HoD, Dean, Registrar /Project Director/ Treasurer	
15.	Mathematics	M. Phil Mathematics	<ul style="list-style-type: none"> ➤ Sufficient support and finances are required to recruit and retain high-quality faculty. 	HoD, Dean, Registrar /Treasurer	
16.		Ph.D. Mathematics	<ul style="list-style-type: none"> ➤ Sufficient support and finances are required to attract and retain high quality faculty. 	HoD, Dean, Registrar /Treasurer	
Faculty of Social Sciences and Humanities					
17.	Home Economics	BS Home Economics	<ul style="list-style-type: none"> ➤ Program objectives should be stated perspicuously and should be aligned with university mission. ➤ Certain courses in BS program required labs with adequate equipment which are currently not available for students. ➤ Computer lab should be updated to use latest software such as CAD etc. ➤ Classrooms and offices are not adequately equipped. ➤ Institutional Support is recommended for the strengthening of the program. 	HoD, Dean, Registrar /Treasurer	

18.	Institute of Islamic Studies	BS Institute of Islamic Studies	<ul style="list-style-type: none"> ➤ It is required to increase interaction between faculty and students and strengthen the academic advising process. ➤ The mechanism for faculty development should be strengthened. Allocate resources for faculty development to enhance program outcomes. 	HoD, Dean, Registrar/ Project Director/Treasurer
19.		MPhil Islamic Studies	<ul style="list-style-type: none"> ➤ The mechanism for faculty development should be strengthened. Allocate resources for faculty development to enhance program outcomes. 	HoD, Dean, Registrar/Project Director/Treasurer
20.	Mass Communication	BS Mass Communication	<ul style="list-style-type: none"> ➤ For hands on training the department has to establish media lab on urgent basis. ➤ The mechanism for faculty development should be strengthened. ➤ Need to expand network within the media industry potential mentorship and career opportunities. 	HoD, Dean, Registrar/Project Director/Treasurer
21.	Sociology	BS Sociology	<ul style="list-style-type: none"> ➤ The university's infrastructure is inadequate to support the program objectives. ➤ Inadequate faculty is present to cover all program areas. More highly qualified permanent faculty is required. ➤ The mechanism for faculty development should be strengthened. ➤ Classrooms and offices are not adequately equipped. ➤ Institutional Support is recommended for the strengthening of the program. 	HoD, Dean, Registrar/ Project Director/ Treasurer

22.	International Relations	BS International Relations	<ul style="list-style-type: none"> ➤ The program must have documented outcomes for graduating students. ➤ There is no computer lab facility. serious attention is required to computer lab and technologically advanced classrooms. ➤ Inadequate faculty is present to cover all program areas. Highly qualified faculty must be inducted. Due to shortage of faculty, the department is also unable to cope with process control mechanism or adequate to student support and advising. The mechanism of faculty development needs revision. ➤ Substantial institutional support is needed to have good technical collection in the library. and to improve the classrooms and offices infrastructure. ➤ There is a need of sufficient support and finances to attract and retain high quality faculty. 	HoD, Dean, Registrar/ Project Director/ Treasurer	
Faculty of MUST Business School					
23.	Business Administration	BBA	<ul style="list-style-type: none"> ➤ The mechanism for faculty development may be strengthened. ➤ The library should have good technical Collection relevant to the program. 	HoD, Dean. Registrar/Project Director/Treasurer	
24.		MS	<ul style="list-style-type: none"> ➤ The program requires additional faculty members. particularly senior faculty, to provide experienced guidance and enhance the quality of education. 	HoD, Dean, Registrar/Treasurer	

			<ul style="list-style-type: none"> ➤ Incorporating multimedia facilities into classrooms is necessary to enhance the teaching and learning experience. ➤ Increasing the availability of relevant physiotherapy books in the library is necessary to support the academic and research needs of students and faculty. ➤ Allocating a specific budget for the DPT program is essential to promptly address its unique needs and support its development. 		
25.	Banking & Finance	BBF	<ul style="list-style-type: none"> ➤ Sufficient support and finance are essential to both attract and retain faculty of high caliber. 	HoD, Dean, Registrar/ Treasurer	
Faculty of Health and Medical Sciences					
26.	Human Nutrition and Dietetics	BS Human Nutrition and Dietetics	<ul style="list-style-type: none"> ➤ There is a need of well-equipped nutrition labs to support academic and research activities. ➤ There is a dire need to hire permanent full-time faculty. ➤ The mechanism of faculty development should be strengthened. ➤ The institution needs to enhance its infrastructure to effectively support emerging trends such as e-learning. 	HoD, Dean, Registrar/ Project Director/ Treasurer	
27.	Physiotherapy	DPT	<ul style="list-style-type: none"> ➤ Proper development and equipping of laboratories for fundamental subjects such as kinesiology, biomechanics, and medical physics are essential for comprehensive practical training. 	HoD, Dean, Registrar/ Project Director/	


			<ul style="list-style-type: none"> ➤ Providing computers for faculty and staff is crucial to support their teaching, research, and administrative tasks efficiently. ➤ There is a dire need to hire permanent full time faculty. The mechanism of faculty development should be strengthened. ➤ The institution needs to enhance its infrastructure to effectively support emerging trends such as e-learning. ➤ Separate classrooms specifically for Doctor of Physiotherapy (DPT) students are necessary to create an optimal learning environment and minimize disruptions. 	Treasurer	
28.	Medical Lab Technology	MLT	<ul style="list-style-type: none"> ➤ The university's infrastructure and facilities should be strengthened to support the program objectives. ➤ There is a dire need to hire permanent full time faculty. The mechanism of faculty development should be strengthened. ➤ The institution needs to enhance its infrastructure to effectively support emerging trends such as e-learning. ➤ There is a need of sufficient support and finances to attract and retain high quality faculty. 	HoD, Dean, Registrar/ Project Director/ Treasurer	
29.	Operation Theater Technology	BS OT	<ul style="list-style-type: none"> ➤ The university's infrastructure and facilities should be strengthened to support the program objectives. ➤ There is a dire need to hire permanent full time faculty. The mechanism of faculty 	HoD, Dean, Registrar/ Project Director/	


			<p>development should be strengthened.</p> <ul style="list-style-type: none"> ➤ The institution needs to enhance its infrastructure to effectively support emerging trends such as e-learning. ➤ There is a need of sufficient support and finances to attract and retain high quality faculty. 	Treasurer	
Affiliated Colleges of MUST					
30.		BS Physics	<ul style="list-style-type: none"> ➤ There is need of more class rooms equipped with multimedia separate Department Library and space for the laboratory. 		
31.	Post Graduate College Mirpur	BS Chemistry	<ul style="list-style-type: none"> ➤ The integration of information technology component throughout the program may be increased. ➤ There is a need of technical staff for laboratories. ➤ Sufficient academic advice and support should be provided to the students. ➤ The faculty members should be able to dedicate sufficient time to research and to remain updated in their discipline. ➤ The library must have technical collection with adequate staff. Classrooms and offices should be adequately equipped. 		
32.		BBA	<ul style="list-style-type: none"> ➤ The program objectives should be properly documented. ➤ The integration of information technology component throughout the program may be 		

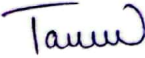
			<p>increased</p> <ul style="list-style-type: none"> ➤ There is need of more class rooms equipped with multimedia separate Departmental space for the laboratory. 		
33.		BS Economics	<ul style="list-style-type: none"> ➤ There is a need of technical staff for laboratories. ➤ The faculty members should be able to dedicate sufficient time to research and to remain updated in their discipline. The mechanism for the faculty development may be strengthened. ➤ Large classrooms should have multimedia facility ➤ The library must have technical collection with adequate staff. Classrooms and offices should adequately equipped. 		
34.		B.Com.	<ul style="list-style-type: none"> ➤ The mechanism for the faculty development may be strengthened. 		
35.		BS English	<ul style="list-style-type: none"> ➤ There is need of technical staff for laboratories. ➤ Sufficient academic advice and support should be provided to the students. ➤ The faculty members should be able to dedicate sufficient time to research and to remain updated in their discipline. The mechanism for the faculty development may be strengthened. ➤ The library must have technical 		


			collection with adequate staff. Classrooms and offices should be adequately equipped.
36.		BS Zoology	<ul style="list-style-type: none"> ➤ Ensure there are an adequate number of support personnel, such as lab technicians or teaching assistants, who can assist with instruction and maintain laboratory equipment. This helps in providing timely assistance and maintaining the functionality of the laboratories. ➤ The mechanism for the faculty development may be strengthened.
37.		BS Botany	<ul style="list-style-type: none"> ➤ The Program Meets all the quality standards but on the experimental side quality can be further enhanced by providing a lab demonstrator and purchasing of more apparatuses.
38.		BS Computer Sciences	<ul style="list-style-type: none"> ➤ There is need of technical staff for laboratories. ➤ The mechanism for the faculty development may be strengthened. ➤ Classrooms and offices should be adequately equipped.
39.	Ghazi Ellahi Bukhash College Mirpur	BS Economics	<ul style="list-style-type: none"> ➤ The number of support personal for instruction and maintaining the laboratories may be increased. ➤ Sufficient academic advice and support should be provided to the students. ➤ The mechanism for faculty development

			<p>should be strengthened.</p> <ul style="list-style-type: none"> ➤ There is a need of more classrooms and offices. ➤ Number of high- quality graduate students / teaching assistants need to be increased. 	
40.		BS Mathematics	<ul style="list-style-type: none"> ➤ The written and oral skills of the students should be improved. ➤ The mechanism for the faculty development may be strengthened. 	
41.	Kings International College Mirpur	BBA	<ul style="list-style-type: none"> ➤ The program objectives should be properly documented. ➤ The written and oral skills of the students should be improved. ➤ The university's infrastructure is inadequate to support the program objectives. ➤ The mechanism for the faculty development may be strengthened. ➤ More classrooms and offices (equipped) are required. 	


Faculty of E&T

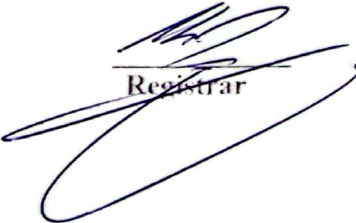

Faculty of N&AS


Faculty of SS&H


Faculty of H&MS


VBS


Director QEC


Registrar


Vice Chancellor