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# **Volume-5 Issue-4, May 2019, ISSN: 2319-9598 (Online)** Published By: Blue Eyes Intelligence Engineering & Sciences Publication

	Authors:	Anindya Sundar Dey	
	Paper Title:	Detection of Suspicious Patterns in Online MCQ Exams	
	Abstract: The purpose of this paper is to find ways to identify or detect suspicious patterns in multiple choice questions and highlight them allowing for greater scrutiny and helping curb malpractices in examination halls. For this purpose an algorithm has been developed to detect suspicious answer patterns in online MCQ exams which can detect if multiple students have been taking outside help using applications like Team Viewer. To obtain data for this project we obtained results of an MCQ test where two groups of students in who completed a MCQ test of moderate difficulty. While both groups were kept under scrutiny. Unlike group B group A had a select number of "special examinees" who were being helped by outside sources( teachers ). We later ran the test results of both the groups under the algorithm. The Algorithm was able to detect 17 Students with Suspicious Patterns in Group A. While no student was detected in Group B. Keywords: Suspicion Threshold, Online Mcq, Suspicion Factor, Answer Key, Array of Converted		
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	Authors:	Remya Paul	
	Paper Title:	Survey on Various Techniques to Decode Low Quality QR Codes	
	<b>Abstract:</b> QR codes also known as quick response code is a two dimensional barcode. It was created by Denso Wave .It was frame worked for automotive industry but today it was found everywhere in magazines, billboards, newspapers and so on. Compared to barcodes QR codes can carry large data and it's more fault tolerant. Earlier there are specific scanners are used to decode QR code. Today modern handheld devices like mobile phones can capture and read QR code. But the problem is that images can be blurred or of low quality. It may be due to poor quality of the camera or external elements present in the code. This paper does a survey of various techniques available decode low quality QR codes		5-6
	Keywords: Ba	ar Codes, Binarization, Decoding, Image Pre-Processing, QR codes, Symbologies .	
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