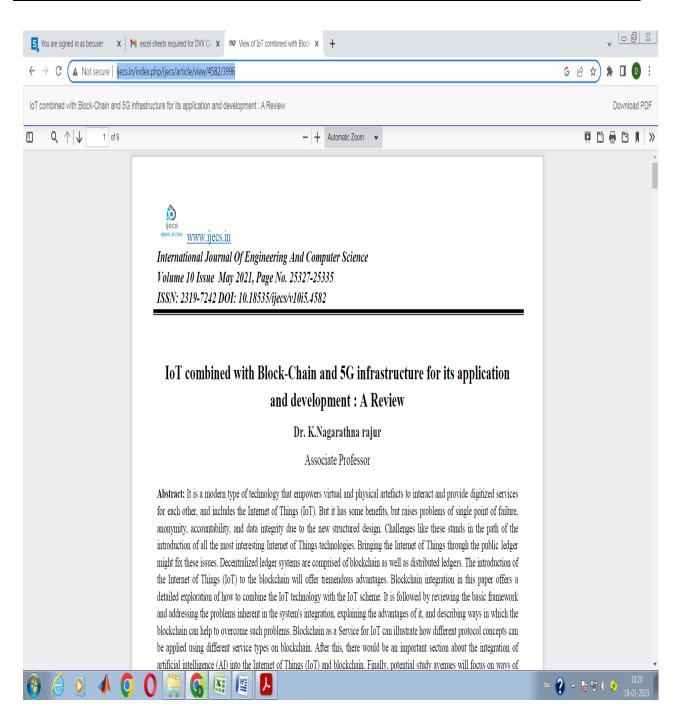
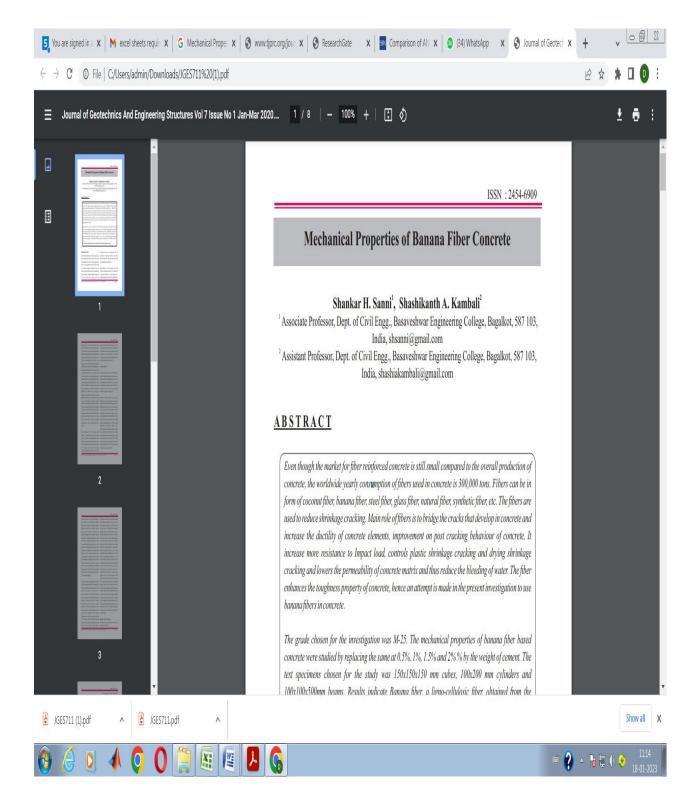
3.4.3 _ 3.4.3.1 Screenshots of research articles clearly showing the title of the article, affiliation, name of the journal, year and authors name if the links and DOI number are not available.

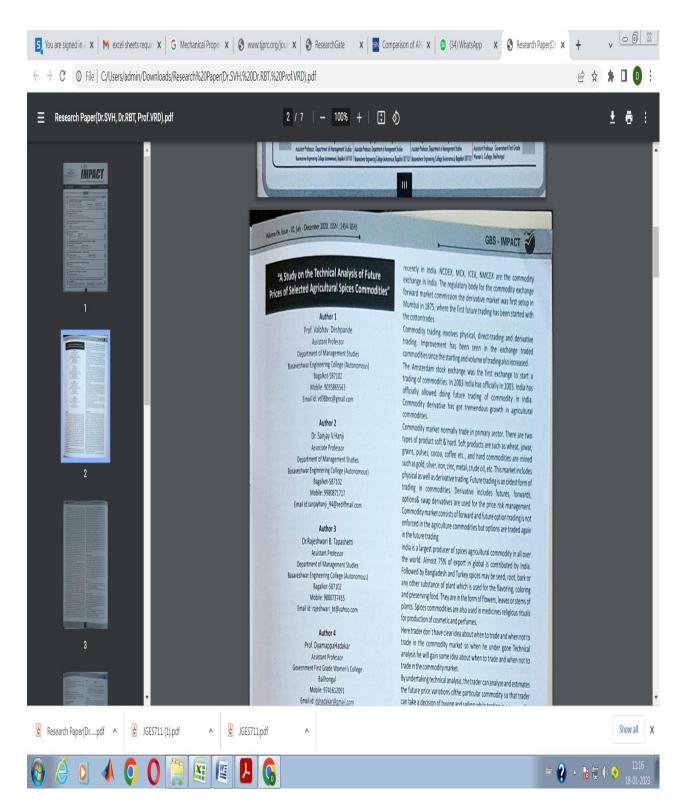
Sl. No and Year of Publication	Title of paper	Name of the author/s	Name of journal	ISSN number	Link to the recognition in UGC enlistment of the Journal
1.	IOT Combined with	K	International Journal Of	2319-	DOI:
2021	Block-Chain and 5G infrastructure for its application and development Review"	Nagarathna	Engineering And Computer Science (ijecs)	7242	10.18535/ijsrm



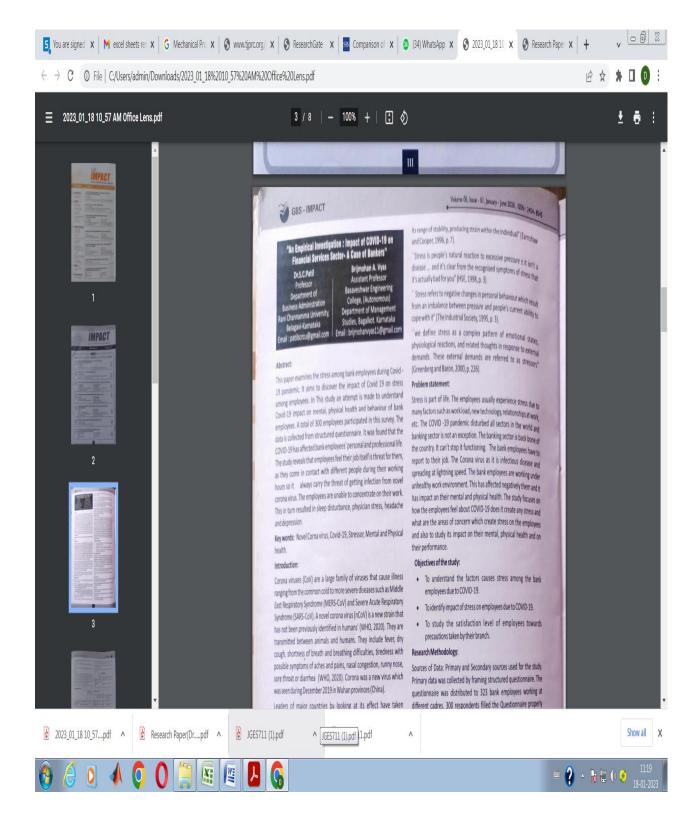
	2.	Mechanical	Prof. S. A.	Journal of Geotechnical	2230-7605
2	.020	Properties of Banana	Kambali	and Engineering	
		Fiber Concrete		Structures(JGES)	



.3	A Study on the Technical	V.Hanji,	GBS Impact	2454-854
2020	Analysis of Future Prices of	S.V.,Vaibhav	Journal of	
	selected Agricultural Spices	Deshpande,	Multi-	
	Commodities	Tapashetti, R.B.,	Disciplinary	
		&Hadakar, D.S.	Research	



4.	An Empirical Investigation:	Patil.S.C. &	GBS Impact	2088-8708
2020	"Impact of Covid-19 on	Vyas ,B.A	Journal of Multi	
	Financial Services Sector-A		Disciplinary	
	Case of Bankers		Research	



5.	Removal of heavy metal	Madhumala Y,	International Journal	2249-6858
2019	from industrial waste water	Manjula	of Bio-Technology	
	using biofilm producing	Mathapati and	and Research	
	bacteria	Dr. Veena S.		
		Soraganvi		

International Journal of Ris-Technology and Research (JJBTR) ISSN(P): 2249–6858; ISSN(E): 2249–796X Vol. 9, ISSN 2, Dec 2019, 15–30 € IJPRC Pvt. Ltd.



REMOVAL OF HEAVY METAL FROM INDUSTRIAL WASTE WATER USING BIOFILM PRODUCING BACTERIA

MADHUMALA Y¹, MANJULA MATHAPATI² & Dr. VEENA S. SORAGANVI³

¹ Jassima Prefesso, Department of Bioschoology, Bastenborn Engineering College, TTL, Bageline, Kornatola, India ¹Department of Croil Engineering, Bastenborn Engineering College, TTL, Bageline, Kornatola, India ¹Professor, Department of Croil Engineering, Bastenborn Engineering College, TTL, Bageline, Kornatola, India

ABSTRACT

Hery meth are a three group of composals with world chroscosistics. There metals are prisonous to plants, uniously and humans, or they reguled a company of environmental polisticals. Becausine Chromian is one of the chromics which is made and corrilogenic. Encomplaining industry is one of the sources which produce most water containing elevated concentration of heavy metals. Therefore, before discharging him the water body, wasternater should be treated.

In this mate, the bisospine netwigue is used for the renoral of heavenless circumium from electropisting industrial wourseare, Belgeaus. The beaters Beatlin species (TF) and Stophilococcus awares (G) are not as bisosofrens. The design of experiments, i.e. Beopone surface Methodology (BSM) is carried out to splintic reduction process. For the relaction of Cr (T) with concentration of 50 May L, pH 6, piccore blong I and bismus concentration of 60 was frauch to be the most local fraum for both the bisters. Even expendes study is carried out to check the type of mechanism invoked in the reduction and it was found that bisneythin process invoked here is an intracellular process. Both invited in the industrial wasterator shows 100% reduction of Heureview Carrenium in a period of 4 days and SEM analysis of Bestilian species was carried out.

 ${\it EETWORDS: Biosorption, Hexcoalent Chromium, Bacillas Species \& Biomass Concentration}$

 $\textbf{Received: } \textit{Jul 08, 2019; Accepted: Jul 30, 2019; Published: Nov 04, 2019; Paper Jd.: UBTRDEC20192$

1. INTRODUCTION

Water is exsential for all life forms, but water pollution and destruction of ecosystem continue to increase day by days. Water contamination is now one of the major problems due to the consequence of industrialization, urbanization, population provid, globalization, etc ladoraid efflorats which contain heavy metals may regard as a major source of contamination which are causing severe issues with the environment. Heavy metals are very diverse group of elements with differing chemical properties and biological functions. There are kept under environmental pollutants due to trainity to plants, unimals and humans. Heavy metals are 'Arreito (Au)', 'Cadminn (Cd)', 'Chomism (Cr)', 'Copper (Cu)', 'Lead (Pb)', 'Mercury (Hg)', 'Nickel (Ni)', 'Sièrer (Ag)' and 'Tinc (Zu)'.

Chronium is a chemical element which is hard, brifte metal having high mebing point and a characteristic one. It appears in the form of Trivalent Chronium [Cr/IIII] and heavenless: Chronium [VVII]. Cr/VII is well and succinogenic. Deserted Chronium production facilities often need to be cleaned from the environment. Removal of heavy metals from industrial wastewater can be performed by multiple treatment techniques, such a "chemical

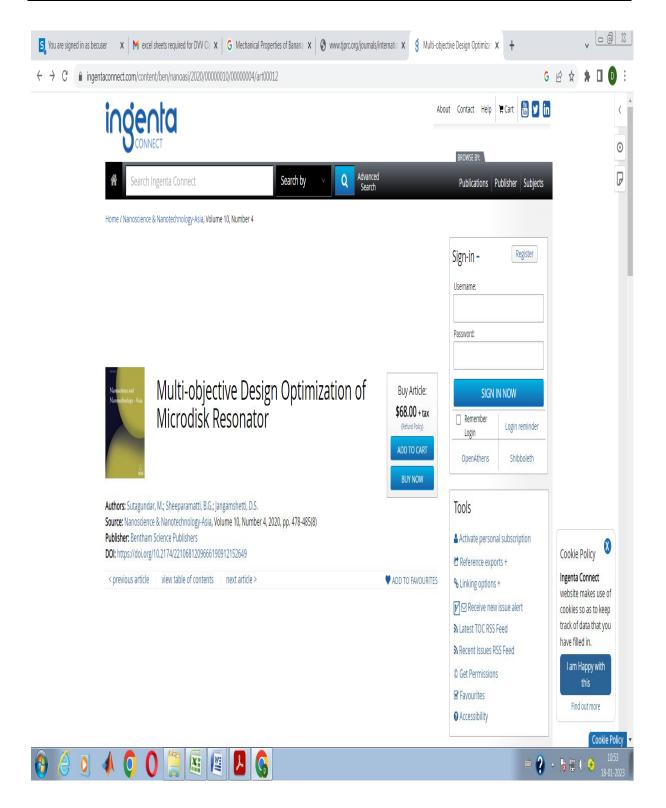
mentipre.org

editor@tiprc.org

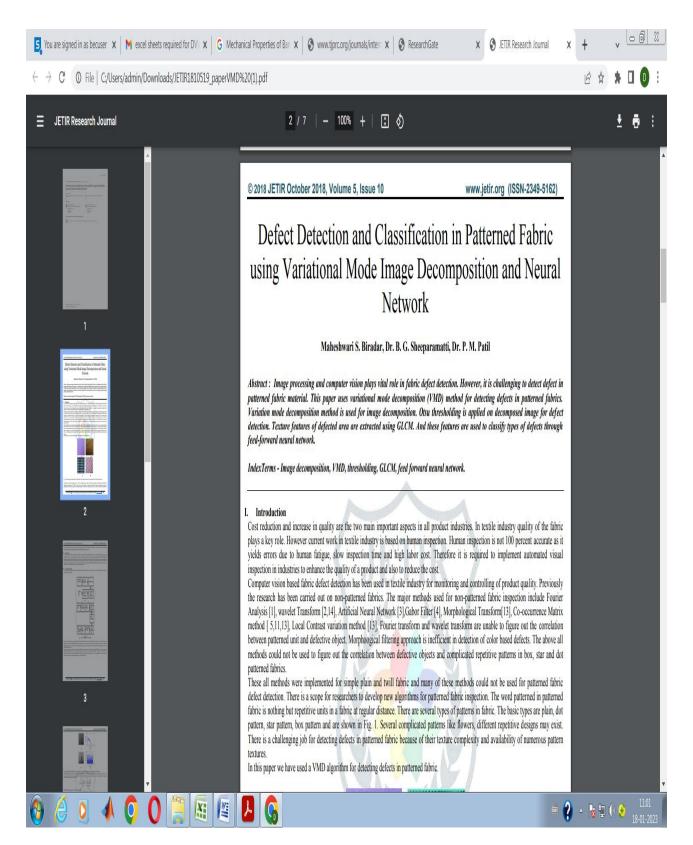
6.	Seismic Behavior of	Prof. G.	SSRG	2348	10.14445/23488352/IJCE
2018	Reinforced Concrete	S.	International	-	-V2I6P108
	Frame With Eccentric	Hiremat	Journal of	8352	
	Steel Bracings	h	Civil		
			Engineering		



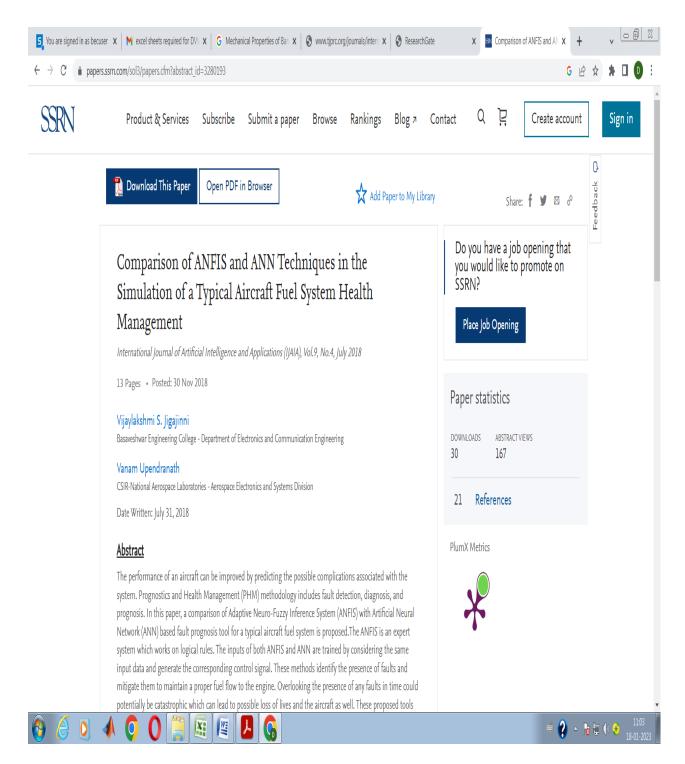
7. Multi-objective Design B.G. Journal of Nanoscience 0975-8887
2018 Optimization of Sheeparamatti and Nanotechnology-Asia



8.	Defect Detection and	B.G.	Journal Emerging	2349-5162
2018	Classification in Patterned	Sheeparamatti	Technologies &	
	Fabric using Variational Mode		Innovative	
	Image Decomposition and		research,	
	Neural Network			



9. Comparison of ANFIS and Int. J of Artificial 2321-9653 Vijayl 2018 SSRN: https://ssrn. ANN techniques in the aksh Intelligence and com/abstract=328 simulation of a typical mi S. **Applications** aircraft fuel system health Jigajin (IJAIA 0193 management ni



10.	Defending against	Somu P.	International	2349	http://iraj.in
2018	eavesdropping attack in	Parande	journal of	-	
	wsns: a co- operative beam		advanced	3585	
	forming & jamming		computationa		
	approach		I engineering		
			and		
			networking		



11.	Development of	Anand H.	International Journal of	0975 – 8887
2018	Kannada Speech Corpus	Unnibhavi	Computer Applications	
	for Continuous Speech			
	Recognition			



12.	Overview of prime	Krishnamurth	International	201	2321-	http://ijsrd.com
2017	mineral content of	y Bhat	Journal of	7	0613	/
	Indian green leafy		Science and			
	vegetables and a		Research			
	proposed non-		Developmen			
	invasive technical		t			
	method of their					
	estimation					

