

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
 FACULTY OF SCIENCE AND TECHNOLOGY, PGDEGREE (M.Sc.) PROGRAMME
 Credit distribution structure for Two Years/One Year PG M.Sc. (Computer Science) Degree Programme

BoS: Computer Science

Teaching and Examination scheme, Master of Science M.Sc. (Computer Science)

M.Sc. [Level 6.0] Sem-II (Name of Courses for-Major, RM, OJT, RP courses) **WEF 2023-24**

Sr. No.	Course Category	Name of the course(Title of the Paper)	Total Credit	Hours/ Semester	Teaching Scheme (hrs/week)		Evaluation Scheme		
					Theory	Practical	Continuous Internal Evaluation (CIE)(CA)	End Semester Evaluation (ESE)(UA)	Duration of Examination (Hrs)
					T	P			
1	DSC	CS-421: Data Warehousing and Data Mining [T]	4	60	4	--	40	60	3.00
		CS-422: Angular JS [T]	2	30	2	--	20	30	2.00
		CS-423: Compiler Construction [T]	4	60	4	--	40	60	3.00
		CS-424: Lab on Data Warehousing and Data Mining [P]	2	60	--	4	20	30	2.00
		CS-425: Lab on Angular JS [P]	2	60	--	4	20	30	2.00
2	DSE (Any One Group)	CSE-426 (A1): Web Analytics [T]	2	30	2	--	20	30	2.00
		CSE-426 (A2): Lab on Web Analytics [P]	2	60	--	4	20	30	2.00
		OR							
CSE-426 (B1): Soft Computing [T]									
		CSE-426 (B2): Lab on Soft Computing [P]							
3	FP/OJT,RP	CS-427: Field Project /On Job Training	4	120	--	8	40	60	3.00
Total			22	480	12	20	220	330	

“Sentiment Analysis using Machine Learning”

A Project work Submitted

To

**Kavayitri Bahinabai Chaudhari, North Maharashtra
University, Jalgaon**

For the compliance of work performed under

‘MCS-427: RESEARCH PROJECT’

In the faculty of science

By

Chaudhari Komal Mahendra (F. Y.M.Sc.(Computer Science))

Under the Guidance of

Dr. Monali Yashwant Khachane

Department of Computer Science

Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya,

Jalgaon

Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon

June-2024

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Lewa Educational Union's

**Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya,
Jalgaon**

'MCS-512: RESEARCH PROJECT'

2023-2024

CERTIFICATE

This is to certify that, **Chaudhari Komal Mahendra** has completed her project work entitled **"Sentiment Analysis using Machine Learning"** for the fulfilment of **'MCS-512: RESEARCH PROJECT'** in Department of Computer Science at Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon for the year 2023-24.



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CHAPTER 6

CONCLUSION AND FUTURE WORK

Automatic text classification plays important role in Information Retrieval system. It helps in proper organization and retrieval of data. Not much work has been done on Indian regional language like Marathi. It is observed that SVM, KNN and its variants, Naive Bayesian algorithms are generally used for document classification of Indian languages. Hence the proposed system provides text classification of Marathi language documents using KNN supervised learning method. The proposed classifiers reports 76% of overall accuracy for classifying documents. In future we will test the classifier for classifying large data set. It would be also interesting to compare this classifier with other classifier developed using different techniques like SVM, NB, etc.