

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 <b>(Any One Group)</b>	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
		<b>OR</b> 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	

# **AUTOMATED MARATHI DOCUMENT CLASSIFIER SYSTEM**

a project work Submitted to

**Lewa Educational Union's**

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

**Jalgaon**

for the compliance of work performed under

**MCS-42/RESEARCH PROJECT**

in the faculty of Science & Technology

**By**

**Tanuja Tryambak Patil ( F.Y. MSc (Computer Science))**

**Under the Guidance of**

**Dr. Harshali B. Patil**

Department of Computer Science

Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya Jalgaon

Academic Year 2023-24

Lewa Educational Union's  
Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya, Jalgaon

## CERTIFICATE

This is to certify that, Patil Tanuja Tryambak has completed the project work entitled "Automated Marathi Document Classifier System" for the partial fulfilment of the compliance of work performed under MCS-512: Research Project in the faculty of Science & Technology.

*Rayane*  
21/12/24  
Dr. R.S. Zingrao  
(External Examiner)



*rbti*  
01/07/24  
Project Guide &  
Head  
Department of Computer Science  
Dr. Annasaheb G.D. Bendale  
Mahila Mahavidyalaya, Jalgaon

*W*  
02-07-24  
V.V. Chaudhari  
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## ABSTRACT

Digital technology generated huge data on the internet. Initially this data is mainly in English language so majority of data mining research work is on the English text documents. As the internet usage increased, data in another language like Marathi, Tamil, Punjabi etc. increased on the internet. This paper presents the Document classifier system for Marathi language. Automatic document categorization is useful in better management and retrieval of text documents. This project discusses the automatic Marathi document classification. Various learning techniques exists for the classification of documents like Naïve Bayes, Support Vector Machine and Decision Tree etc. This project presents efficient Marathi document classifier system developed using KNN algorithm.