

A. D. SELANE INSTITUTING OF THE CENTS LOCAL (Approved by AICIE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai) (Religious Jain Minority)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025 Class: SE-R Project Title: Code Converter using NLP Team Member 1: (Team Leader) Name: MayanKKant Tiwari College ID: 23106037 Email: Hiwarimayankkant@gmail.com Mobile No: 9359475104 Team Member 2: Name: Sumit Thakur College ID: 23106036 Email: 23106036 @apsiteduin Mobile No: 788764760h **Team Member 3:** Name: Tejas Thorat College ID: 23/06/20 Email: tejas. h.thorat 5/0gmail. Com Mobile No: 7208584441 **Team Member 4:** Name: 12eva Tol College ID: 23106083 Email: 23106083 @aps Pt. colu.in Mobile No: 9930937260 Prof. Vijaya Bharathi Prof. Taruna Sharma Project Guide Head of Department Mini- Project Coordinator



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Academic Year: 2024 - 2025 Class: S. E * Sem: JV Date: From 13/01/25 to 27/01/25 Progress Planned Progress Achieved Collected all the research Understanding the Challenges
papers related to Code faced in code Conversion
Conversion. mentioned in papers. Guides Review: Research on the pre-trained models

_ related to code Convusion. Name and Signature of Team Member 1: Mayank Hant Tiwar,

Name and Signature of Team Member 2: Sumit Thaldur Southed two

Name and Signature of Team Member 3: Reva To L God Southed two

Name and Signature of Team Member 4: To it Southed the State of Thank of Thank of the State of Thank of Tha Name and Signature of Team Member 4: Tejas Thorat

Name of Project guide: Vijaya Bharathi
Signature of guide with Date:



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025 Class: SE Date: From 27/01/25 to 31/01/25 Progress Planned Progress Achieved Researching about the Came to Know about technique and methods Various pretrained model can be used for like CodeTBert, quen-7.5. our project. Converter, COLETS etc. Identify good dataset Guides Review: Signature Name and Signature of Team Member 1: Mayank Kant Tiwari
Name and Signature of Team Member 2: Sumit Thakur Southalfue
Name and Signature of Team Member 3: Reva Toll
Name and Signature of Team Member 4: Tejas Thorat Mygen Name of Project guide: Vijaya Bharathi Signature of guide with Date:



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Academic Year: 2024 - 2025	
Class: <u>SE</u> Date: From <u>31/0/25</u> to <u>05/02/25</u>	Sem:
Progress Planned	Progress Achieved
Planned all the overall process for project also divide the task for everyone.	Started the Work by Collecting Dataset and deciding the model to train.
Guides Review: Enploye model. Signature	on fineturing the
Name and Signature of Team Member 1: May as Name and Signature of Team Member 2: Sumit Name and Signature of Team Member 3: Reval Name and Signature of Team Member 4: Tejas	Thalder Southerson
Name of Project guide: Vijaya Bharatt Signature of guide with Date:	



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Academic Year: 2024 - 2025		
Class:SE	Sem:	
Date: From 05/02/25 to 12/02/25		
Progress Planned Prepar Everything For traing the pre-trained moder i.c Code TBest.	Progress Achieved Fincture the Code TBest to model and evaluate the result where we found the accuracy was low.	
Guides Review: 0 k. Good		
Signature Name and Signature of Team Member 1: Mayanlaldant Tiwari Name and Signature of Team Member 2: Sumit Thaldur Southulaw Name and Signature of Team Member 3: Reva Tol Name and Signature of Team Member 4: Tejas Thorat		
Name of Project guide: Vijaya Bharathi Signature of guide with Date:		



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Academic Year: 2024 - 2025			
Class:	Sem: TV		
Progress Planned Evaluation of all the process to find What went wrong While Fine-tuning model.	Progress Achieved Found out that Code Ther Wasn't pre-trained on "C' language Code Snippe also the pataset used in fine-tuning was not efficient.		
Guides Review:			
Name and Signature of Team Member 1: Mayor	nlalgant Times Alule		
Name and Signature of Team Member 2: Sumi	Thaldur southulder		
Name and Signature of Team Member 3: Reva	Tol horse		
Name of Project guide: Vijaya Bhara. Signature of guide with Date:	Phi		



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Academic Year: 2024 - 2025	
Class: SE	Sem:
Date: From 19/02/25 to 76/02/25	bein,
Progress Planned	Progress Achieved
Preparing Of the	Prepared own dataset
Dataset and Chosing	by ourself and with the
Preparing Of the Dataset and Chosing the Correct model.	by ourself and with the help of AI-tools for our
	Source (Clangage) and
	Jource (Clangage) and Jarget (Python language)
	0 0 0
uides Review: Cleate a	synthetic datasel
as per dequisem	ents -
Signature	- 1116
Name and Signature of Team Member 1: Mayo	ankkant Tiwari Att
Name and Signature of Team Member 2: Sumi	
Name and Signature of Team Member 3: Revo	,
Name and Signature of Team Member 4: Tijo	as Thorat.
Name of Project guide: Vijaya Bhen	alla:
	<u>am</u>
Signature of guide with Date:	
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Academic Year: 2024 - 2025		
Class: SE	Sem: TV	
Date: From 26/02/25 to 05/03/25		
Progress Planned	Progress Achieved	
Fine-tune the CodeTs model and Evaluate	CodeTS performed	
model and Evaluate		
11.	datuset.	
ruides Review: Prepare the	report	
G'amatau		
Signature Name and Signature of Team Member 1: Mayo	unidiant Tiwari All Southulder	
Name and Signature of Team Member 1: Mayan Idlam / Tiwar, Smhulder Name and Signature of Team Member 2: Sumit Thalder		
Name and Signature of Team Member 3: Rwa Tol		
Name and Signature of Team Member 4: Tejus	1 1	
Name of Project guide: Vijaya Phoro	. U.:	
Signature of guide with Date:		
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Academic Year: 2024 - 2025

Class: S.E	2024 - 2025	
Date: From 05/03/25 to 12/03/25	Sem:	
-3,23,15 to 12,103,115		
D. Di		
Progress Planned	Progress Achieved	
Aim For increase the	Increase the dataset	
performance of the		
model	Size and again Fine- tune the model.	
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H THE RESERVE OF THE PARTY OF T	The state of the s	
Guides Review: Trucse the	seje of the datasel	
Signature		
Name and Signature of Team Member 1: Mayan 11 Itant Tiwari Name and Signature of Team Member 2: Surnit Thalkur Name and Signature of Team Member 3: Rayan Trad		
Name and Signature of Team Member 2: Sumit That we Southedder		
Name and Signature of Team Member 3. 1480%		
Name and Signature of Team Member 4: Tejas Thorat.		
14.	11-	
Name of Project guide: Vijaya Bharc	y tho	
Signature of guide with Date:		



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025 Sem: V Progress Planned Progress Achieved Buckend For the Used Flash For the Buckend. Guides Review: Improvise the datoset Signature Name and Signature of Team Member 1: MayounkHont Tiwari

Name and Signature of Team Member 2: Sumit Thallow

Name and Signature of Team Member 3: Rwa Tol

Name and Signature of Team Member 4: Tolas Thorat. Name and Signature of Team Member 4: Tijas Thorat. Name of Project guide: Vijaya Thavathi
Signature of guide with Date:





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Academic Year: 2024 - 2025 Class: _ SF Date: From 02/04/25 to 08/04/25 Sem: TV Progress Planned Progress Achieved Developing GUI For Made GUI For the User interaction user to upload their C code and will 12 into python. Guides Review: Changes suggested, Name and Signature of Team Member 1: Mayank Hant Tiwari
Name and Signature of Team Member 2: Sumit Thalaw Subhuku
Name and Signature of Team Member 3: Rava Tol
Name and Signature of Team Member 4: Tajas Thorat. Signature Name of Project guide: Vijaya Bharath 'J
Signature of guide with Date: