

#### Charles distribute Charles

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

Academic Year: 2024 - 2025

Academic Tear: 2024 - 2025
Class:SEB Sem:
Project Title: Bone Injury Detection using Machine Learning
Team Member 1: (Team Leader)
Name: Harsh. Mandar. Raulgaonkar
College ID: 23106082 Email: 23106082@ apsited with
Mobile No:7045251676
Team Member 2:
Name: Roshan Rajdhari Pal
College ID: 23106111 Email: 23106111@apsit.edu.in
Mobile No: 8355948204
Team Member 3:
Name: Sanidhya Pawankumar Pandey
College ID: 23106005 Email: 23106005@ apsit edu in
Mobile No: 9820789513
Team Member 4:
Name: Soham · Shelatkar
College ID: 23106023 Email: 23106023@apsit:edu.ip
Mobile No: 9930538555
Prof. Vijesh Mundokalam Prof. Taruha Sharma Dr. Jaya Gupta
Project Guide Mini- Project Coordinator Head of Department



Class: S.E

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

Academic Year: 2024 - 2025 Sem: IVL

Date: From 13 0 25 to 27 0 125			
Progress Planned	Progress Achieved		
understand bone injury	neveloped understand		
diagnosis challenges	ing of ML in health-		
Explore ML and (NN	care finalized project		
concepts	aim		
Guides Paviour			
Guides Review:			
Signature			
Name and Signature of Team Member 1: Hay	sh Raulgaonkar 👺		
Name and Signature of Team Member 2: Rosn	an Pal Roshan		
Name and Signature of Team Member 3: Sanithya Pandey Jamith			
Name and Signature of Team Member 2: Rosnan Pal Rosnan Name and Signature of Team Member 3: Sanithya Pandey Name and Signature of Team Member 4: Soham Shelatkar			
Name of Project guide: Wilesh Mundo	K 0 10 no		
Name of Project guide: Vijesh Mundo	<u>NUIUM</u>		
Signature of guide with Date:			



#### Paralyamath Charlesto Grants

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

Academic Year: 2024 - 2025		
Sem:		
Progress Achieved  Studied evolution  From manual X-ray  interpretation Al-  driven methods		
Signature Name and Signature of Team Member 1: Harsh Raulgaonk ar Bename and Signature of Team Member 2: Roshan Pol Roshan Name and Signature of Team Member 3: Sanithya pandey Lamin Name and Signature of Team Member 4: Sonam Shelatkar Bename Name of Project guide: Vijesh Mundokalam Signature of guide with Date:		



Signature of guide with Date:

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#### A P. STANTI INSIMINATION OF INDESTROLOGY (Approved by AICIT New Delhi & Govt. of Maharashira, Affiliated to University of Mumbai) (Religious Jain Minority)



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

Academic Year: 2024 - 2025 Class: S.E. Sem: TV Date: From 31/01/25 to 05/02/25 Progress Planned Progress Achieved Review recent summarized 5 Key reasearch papers papers, model types, on AI in fracture challenges like detection data impalance Guides Review: Name and Signature of Team Member 1: Harsh Raulgaonkar Roshan Pal Roshan Signature Name and Signature of Team Member 3: Sanidhya Pandey Lewis Name and Signature of Team Member 4: Soham Shelatkar & Name of Project guide: Vijesh Mundokalam



### Buchymuch Charletin Games (Approved by AICTE 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  Date: From 05102125 to 12102125	Sem:	
Progress Planned  Draft problem  Statement and Al- hased solutions	Progress Achieved  I dentified diagnosis errors, delays, expert shortages; proposed CNN solution.	
Guides Review:		
Signature  Name and Signature of Team Member 1: Hors  Name and Signature of Team Member 2: Rosk  Name and Signature of Team Member 3: Sani  Name and Signature of Team Member 4: Son	non pal Rosman	
Name of Project guide: <u>Vijesh Mund</u> Signature of guide with Date:	pkalam	



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

	Year: 2024 - 2025
Class: S.E	Sem:
Date: From 12102125 to 19102125	
Progress Planned  Finalize hardware  requirements for  model trainning.	Progress Achieved
Guides Review:	
Signature  Name and Signature of Team Member 1: Has  Name and Signature of Team Member 2: Ros  Name and Signature of Team Member 3: San  Name and Signature of Team Member 4: Son	han pal Roshan idhya pandey luid
Name of Project guide: Vijesh Munc Signature of guide with Date:	lokalam



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

Academic Year: 2024 - 2025 Class: S.E Sem: IV Date: From 19/02/25 to 26/02/25 Progress Planned **Progress Achieved** selet software tooks choose python, Tensor and MI Frameworks 15100 / Keras, open(V , Google colab. Guides Review: \_ Signature Name and Signature of Team Member 1: Harsh Raulgaonkar

Name and Signature of Team Member 2: Roshan Pol Roshan

Name and Signature of Team Member 3: Sanidh 49 pandey Samide Name and Signature of Team Member 4: Soham Shelatkor Name of Project guide: Vijesh Mundokalam Signature of guide with Date:



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

Academic Year: 2024 - 2025		
Sem:		
Progress Achieved		
created block		
diagram and explain		
CNN layers for		
classi fication		
Guides Review:		
Signature		
Name and Signature of Team Member 1: Harsh Raulgaonkar		
Name and Signature of Team Member 2: Roshan Pal Roshan		
Name and Signature of Team Member 2: Roshan Pal Roshan Name and Signature of Team Member 3: Sanidhya Pandey Sa		
Name and Signature of Team Member 4: Soham shelatkar Ren		
Name of Project guide:		



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

Academic Year: 2024 - 2025 Class: \_ S.F Sem: JV Date: From 05 103125 to 12103125 Progress Planned **Progress Achieved** collect dataset and mathered datasets, perform preprocessing applied contrast enahanement, or ugmentation. Guides Review: \_ Signature Name and Signature of Team Member 1: Harsh Raulgaonkar Name and Signature of Team Member 2: ROSMan Pull Name and Signature of Team Member 3: Sanidnya pandey sand Name and Signature of Team Member 4: Soham Shelatkor Sum Name of Project guide: Vijesh Mundo Kalam Signature of guide with Date:



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

Academic Year: 2024 - 2025		
Class: S·E·	Sem:	
Date: From 12103125 to 02104121	5_	
Progress Planned	Progress Achieved	
Train and validate	Achieved ~80-927.	
model.	accuracy; visualized	
	performance graphs.	
Guides Review:		
Signature	Drub - OOK - V A	
Name and Signature of Team Member 1: HO~S	n hadigowinor	
Name and Signature of Team Member 2: Roshan Pod Roshan Name and Signature of Team Member 3: Sanidh ya pandey Name and Signature of Team Member 4: Soham shelotkar		
Name and Signature of Team Member 4:	and the state of fame	
Name and Signature of Team Member 4. 5011	in the ound,	
Name of Project guide: Vijesh Mund	okalam	
Signature of guide with Date:		



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Academic Year: 2024 - 2025

Class:S.E	Sem:	
Date: From <u>02104125</u> to <u>08104125</u>		
Progress Planned	Progress Achieved	
pevelop GUI FOR	Mode GUE for	
user interaction.	uploading x-rays	
	and showing fractur	
	detection.	
Guides Review:		
0.		
Signature Name and Signature of Team Member 1: Ho∼	ch Raulgaonkar B	
Name and Signature of Team Member 2: Roshan Pal Roshan Name and Signature of Team Member 3: Sanidhya Pandey Smidhya		
Name and Signature of Team Member 4: Soham Snelatkur		
Name of Project guide: vijesh Munc	lokalam	
Signature of guide with Date:		