

APPENDIX 1

RELEVANCE OF PROJECT TO POs / PSOs

Title of Project	Sentiment analysis of twitter data using python
Implementation Details	Python
Cost (hardware or software cost)	-NA-
Type (Application, Product, Research, Review, etc.)	APPLICATION

Mapping with POs and PSOs with Justification														
Relevance	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2
	2	2	2	2	3	2	2	3	2	3	3	3	3	2
Program Outcomes Justification	<p>PO1: Engineering Knowledge: SDLC phases are followed in the execution of the project.</p> <p>PO2: Problem Analysis: The different steps involved in Problem Analysis for formulation of the solution i.e. literature survey and use of fundamental subject knowledge has been followed.</p> <p>PO3: Design/Development of solutions: Existing strategy has been enhanced using the design principles.</p> <p>PO4: Conduct investigation of complex problems: Research based Knowledge including design of experiments, analysis and interpretation of data is used.</p> <p>PO5: Modern Tool Usage: Python modules are used.</p> <p>PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to access societal health and safety.</p> <p>PO7: Environment and sustainability: The impact of professional engineering solution in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</p> <p>PO8: Ethics: Professional ethics during the various stages of Project completion have been followed.</p> <p>PO9: Individual and Team Work: Students have worked both in individual as well as team capacity during the various stages of project work.</p> <p>PO10: Communication: Effective communication with team members and during project reviews, project seminar and viva-voce has been exhibited.</p> <p>PO11: Project management and finance: Knowledge of engineering and management principles and apply these to one's own work, as a member and a leader in a team, to manage projects in multidisciplinary environments.</p> <p>PO12: Lifelong Learning. The project carried out gives the students scope to continue the work in the python programming language in the future.</p>													
Program Specific Outcomes Justification	<p>PSO1: Use of python standard libraries and community contributed python modules.</p> <p>PSO2: Use of sentiment analysis to characterize sentiment of a text unit.</p>													

APPENDIX 2

GANTT CHART

SENTIMENT ANALYSIS OF TWITTER DATA USING PYTHON

