Rubric for report correction (Planar Jet exp.)

Basic Theoretical Description (Aim + Theory + Exp set up)	**Data Analysis (Normalized velocity plots + velocity plots with gaussian fit + Similarity plot + axial variation of scales plot and their explanation)**			**Data Analysis (Mass + Momentum + Energy flux plots with explanation)**			**Overall structure of the report + Comparison of results with literature**
(20)	**(30)**			**(30)**			**(20)**
	Velocity plots.	*Self-similarity plot.*	*Axial-variation of scales plot.*	*Mass flux plot.*	*Momentum flux plot*	*Energy flux plot*	
	(10)	*(10)*	*(10)*	*(10)*	*(10)*	*(10)*	
Objectives of the experiment. (04)	Normalized velocity plot + velocity plot with gaussian fit for atleast one station in fully developed region. (05)	Self-similarity plot included. (05)	Axial variation of scales plot included. (05)	Non-dimensionlized Mass flux plot included. (05)	Non-dimensionlized Momentum flux plot included. (05)	Non-dimensionlized energy flux plot included. (05)	Comparison with results is provided. (12)
Basic theory of jet + Proper explanation of	Centreline velocity plot included.	Proper explanation on the importance and need of the	Linear fit to compute various empirical	Linear fit to show variation of mass flux	Linear fit to show variation of momentum flux	Linear fit to show variation of energy flux along stream	Proper reference is provided for all the figures

equation employed in velocity computation is included. (12)	 (02)	self -similarity plot. (03)	parameters + Any indicator to show goodness of fit. (02)	along stream wise direction included with any indicator to show goodness of fit. (02)	along stream wise direction included with any indicator to show goodness of fit. (02)	wise direction included with any indicator for goodness of fit. (02)	taken from any source. (04)
Experimental setup is explained briefly. (04)	Proper argument for performing gaussian fit. (02)	Reasoning for selecting particular stations (x/d locations) for plotting self-similarity plot. (02)	Proper explanation on the importance of plot. (02)	Key observations based on mass flux variation plot. (02)	Key observations based on momentum flux variation plot. (02)	Key observations based on energy flux variation plot. (02)	Paragraphs are properly aligned with the page setup. (02)
	Approx potential core length with reasoning. (01)		Key observations from the plot. (01)	Numerical integration method employed + Parameter being used to non-dimensionlized mass flux is provided. (01)	Numerical integration method employed + Parameter being used to non-dimensionlized momentum flux is provided. (01)	Numerical integration method employed + Parameter being used to non-dimensionlized energy flux is provided. (01)	Continuity of the report (i.e., Objectives- > Theory-> exp. setup-> velocity and self-similarity plot-> different flux variation plots.) is maintained. (02)