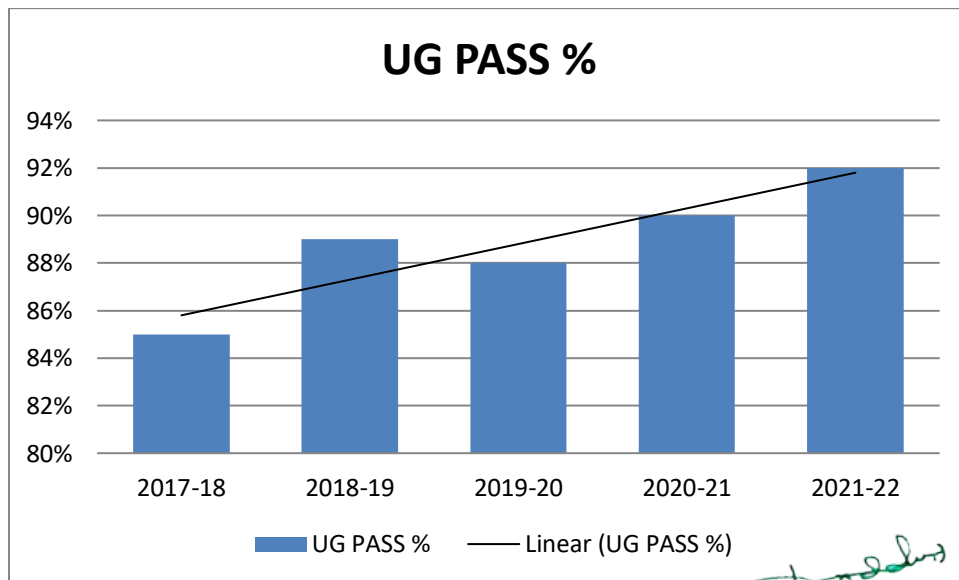
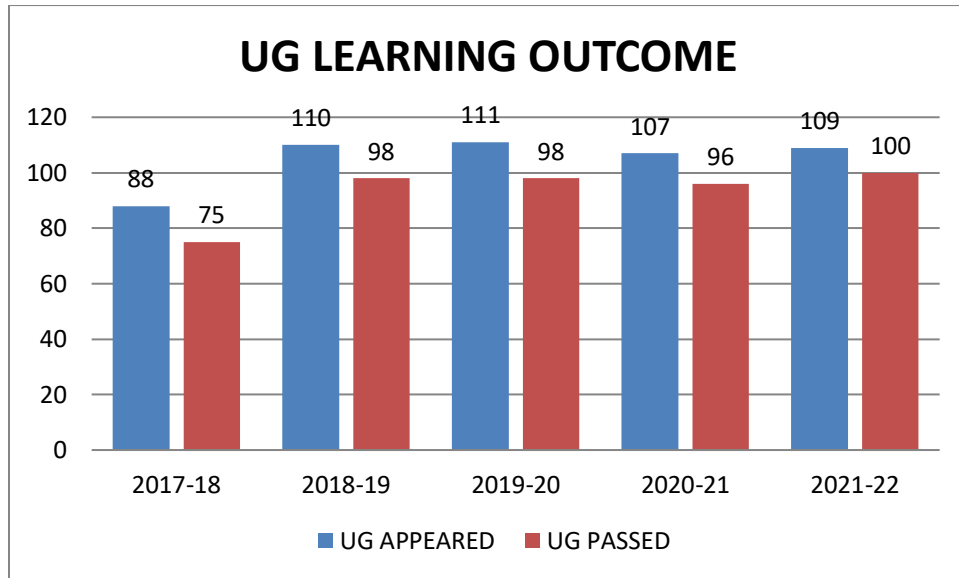
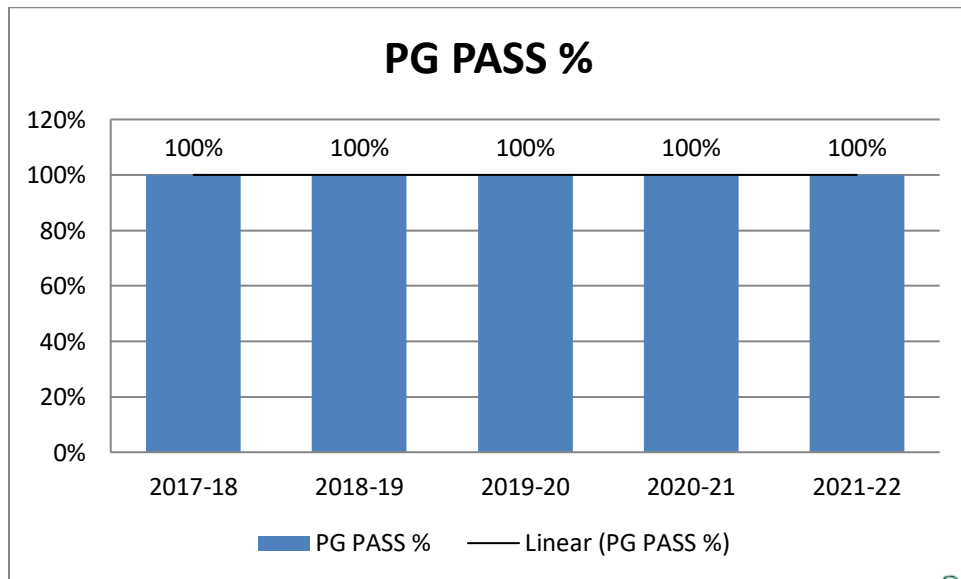
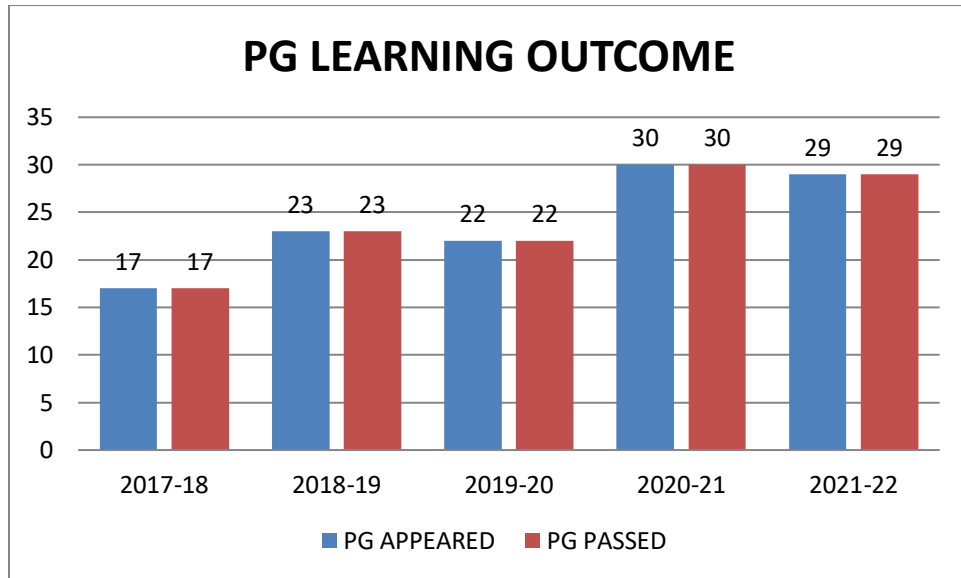


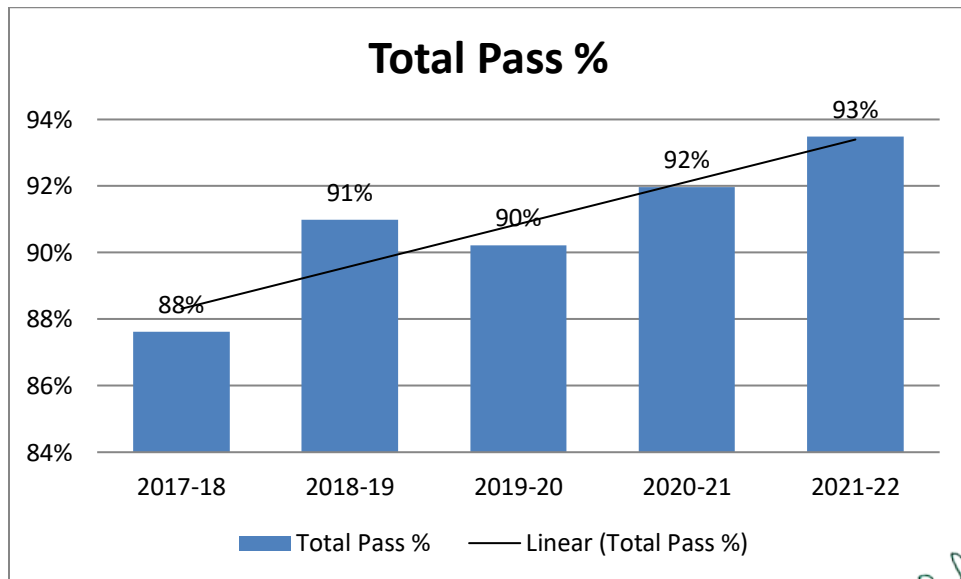
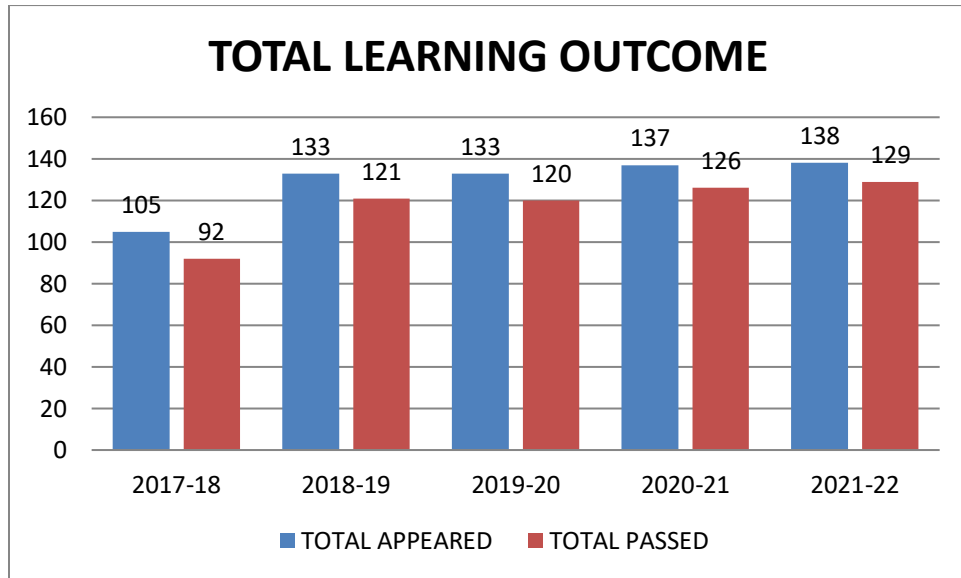
Trend Analysis for learning outcome of UG/PG Students




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PASS PERCENTAGE OF THE YEAR 2017-18	88%	Y1
PASS PERCENTAGE OF THE YEAR 2018-19	91%	Y2
PASS PERCENTAGE OF THE YEAR 2019-20	90%	Y3
PASS PERCENTAGE OF THE YEAR 2020-21	92%	Y4
PASS PERCENTAGE OF THE YEAR 2021-22	93%	Y5

AVERAGE PASSING PERCENTAGE


$$\begin{aligned}
 Y_A &= (Y1+Y2+Y3+Y4+Y5)/5 \\
 &= (88+91+90+92+93)/5 \\
 &= 90.8\%
 \end{aligned}$$

CORRECTION COMPONENT (+/-) TO ACCOUNT FOR TREND IN RESULT

$$\begin{aligned}
 D_A &= [(Y2-Y1)+(Y3-Y2)+(Y4-Y3)+(Y5-Y4)]/4 \\
 &= [3+(-1)+2+1]/4 \\
 &= 5/4 \\
 &= 1.25\%
 \end{aligned}$$

A MEASURE OF SUCCESS AT FINAL EXAMINATION OVER 5 YEARS

$$\begin{aligned}
 &= Y_A - (D_A / Y_A) * 100 \\
 &= 89.43\%
 \end{aligned}$$


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