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Perspectives of Students, teachers and Parents towards Higher Studies in Basic Science

• R. Priya • V. Raphael • T. Remy
• Prabhas Ranjan and Sister Doris D'Souza A.C.

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Corresponding Author : Prabhas Ranjan & Sister Doris D'Souza A.C.

Abstract : *In the present scenario, the applied sciences have become the first choice for most of the science students. The higher education in basic sciences has gone much lower in the list of options for them. In a global, knowledge-driven economy the keys to economic success for nations are well-educated workforce, technological capability, capital investment and entrepreneurial zeal. The developed and developing nations*

throughout the world are investing in human capital and knowledge infrastructure that is more oriented towards engineering and applied sciences. The present study tries to infer empirically the state of the perspectives of students, teachers and parents towards the basic sciences and the reason behind them. The study found the lacunae in teaching–learning processes of sciences in schools, which has ultimately led to fading interest of students towards basic sciences in higher education. Even though majority of students chose sciences in Std. XII for their interest in the subject, they disagreed to pursue them for their higher studies or it was the last option for them. The reasons they perceived for their choice were the ill-equipped science teaching in schools, absence of sufficient number of science teachers in schools as well as in colleges, long duration of course to pursue to get a good job, limited job scope and uninspiring environment and bad management of the colleges.

R. Priya

Education, Session: 2013-2014,
Patna Women's College, Patna University, Patna,
Bihar, India

V. Raphael

Education, Session: 2013-2014,
Patna Women's College, Patna University, Patna,
Bihar, India

T. Remy

Education, Session: 2013-2014,
Patna Women's College, Patna University, Patna,
Bihar, India

Prabhas Ranjan

Assistant Professor, Department of Education,
Patna Women's College, Bailey Road,
Patna – 800 001, Bihar, India

E-mail :

&

Sister Doris D'Souza A.C.

Principal, Patna Women's College, P.U., Patna

E-mail :

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