Appendix-III

Reaction Scale for the Pre-Service Teachers

General Instructions:

➢ *Read all the statements properly*

➢ *Mark your experience with the program by putting tick mark corresponding to each statement.*

Name: *Date:*

Sr. No.	Statements	Always	Sometimes	Never
1	Constructivist principles made me to think in a constructive way about Science.			
2	I find Science very interesting when teaching-learning is in constructivist way.			
3	I feel happy to search relevant information through Internet			
4	Group work helped me to foster positive attitude towards Science.			
5	To find the relevant site was a very challenging task.			
6	I was very active and enthusiastic doing experiments in Science.			
7	It helped me to create something new in Science			
8	Program helped me to collaborate with experts online			
9	It helped me to learn and integrate web 2.0 technologies in Science.			
10	I learnt respecting each individual idea.			
11	It helped me to communicate in real, as well as virtual space.			
12	It is difficult to apply in classroom.			
13	It is interesting when teaching Science phenomenon.			
14	It helped me to become netigen.			
15	Relating previous ideas to present ideas is good to understand the Science.			

Sr. No.	Statements	Always	Sometimes	Never
16	I share my thinking with all my friends in class and through e-mail.			
17	I value each students question and thinking.			
18	Problem oriented activities made me a critical and creative thinker.			
19	I would facilitate the possible opportunities to children to learn themselves			
20	It helped me relate the class ideas to world outside			
21	I like it to assess children throughout the class and through variety of methods and tools.			
22	It is better to give unstructured knowledge and let the children construct it meaningfully.			
23	I like reflective activity in Science.			
24	Now I feel Science is contextual.			
25	I agree that Science is process than product			
26	I can access the Science ideas very easily through websites.			
27	I can share my ideas about Science with my friends through facebook, e-mail and other social networking sites			
28	I can attend webinars and watch virtual laboratories demonstrations			
29	I can interact with all members of particular web organization about the Science.			
30	I feel motivation is very important for meaningful learning.			
31	I feel that the knowledge should be discovered as an integrated whole.			
32	I like it that the knowledge should be experienced and expressed.			
33	I liked the various constructivist teaching models because these are very interesting			
34	I find learning and teaching with the help of ICT very interesting.			

Sr. No.	Statements	Always	Sometimes	Never
35	I was curious to watch virtual demonstrations of Science Experiments.			
36	It motivates me to prepare animations on Science to make teaching-learning interesting			
37	I feel it is difficult to apply when ICT facilities are not there.			
38	I feel it is good for me and for all children because it is multidirectional and social process			
39	Now I can access information (web resources) though various websites.			
40	Now I am info savvy.			
41	I can prepare power point presentations on Science and discuss among ourselves			
42	I like it giving the freedom and support to children to learn meaningfully			