

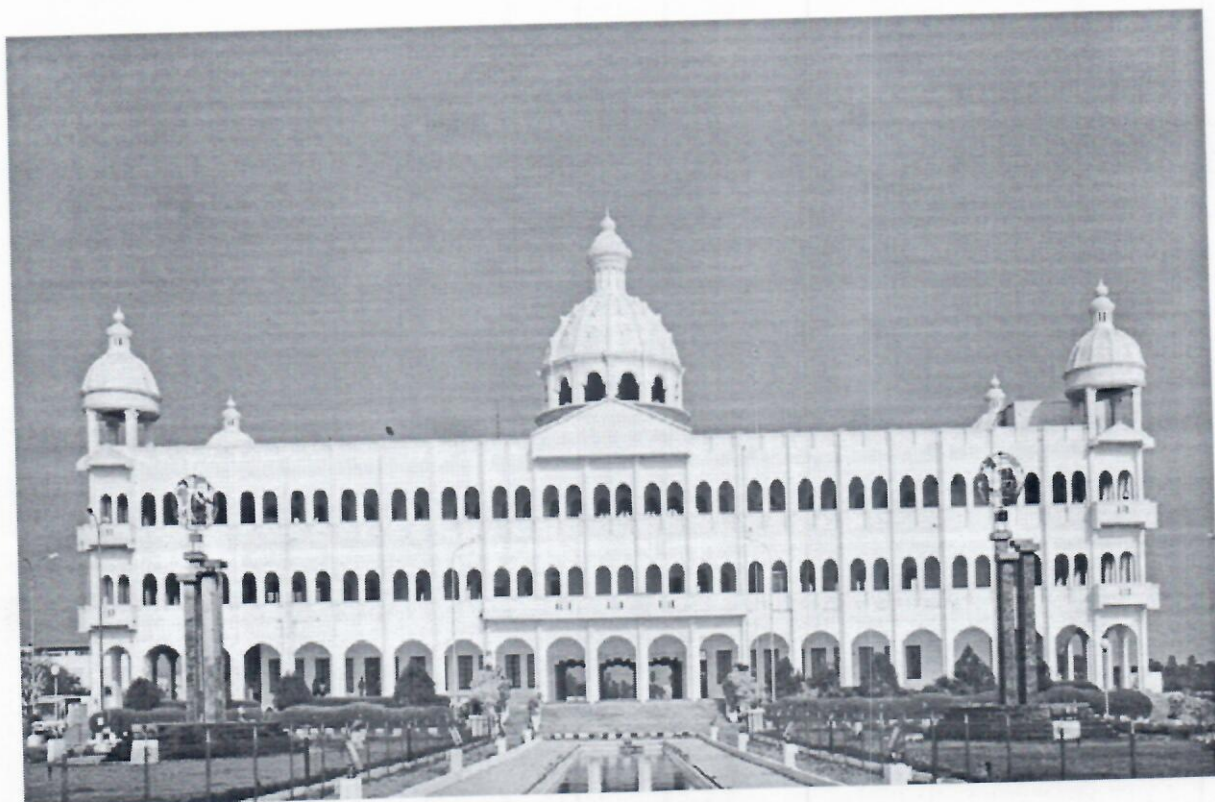


SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC

FEEDBACK ANALYSIS REPORT **Criteria: Curriculum Design and Development**

2018-2019



**INTERNAL QUALITY ASSURANCE
CELL
(IQAC)**

Sathyabama Institute of Science and Technology performs review of its program structure and curriculum every year. Stakeholders inputs have an important implication on the decision making process of various aspects of the institution. The stakeholders (Employers, Alumni, Faculty and Students) submit their feedback on a scale of five points viz. (1) Strongly disagree; (2) Disagree; (3) Neutral; (4) Agree; (5) strongly in the institution website. Follow up action in the form of curriculum revision and also at various academic levels are taken.

The Student's feedback for the academic year 2018-2019 is presented as follows:

1. Analysis of Student Feedback

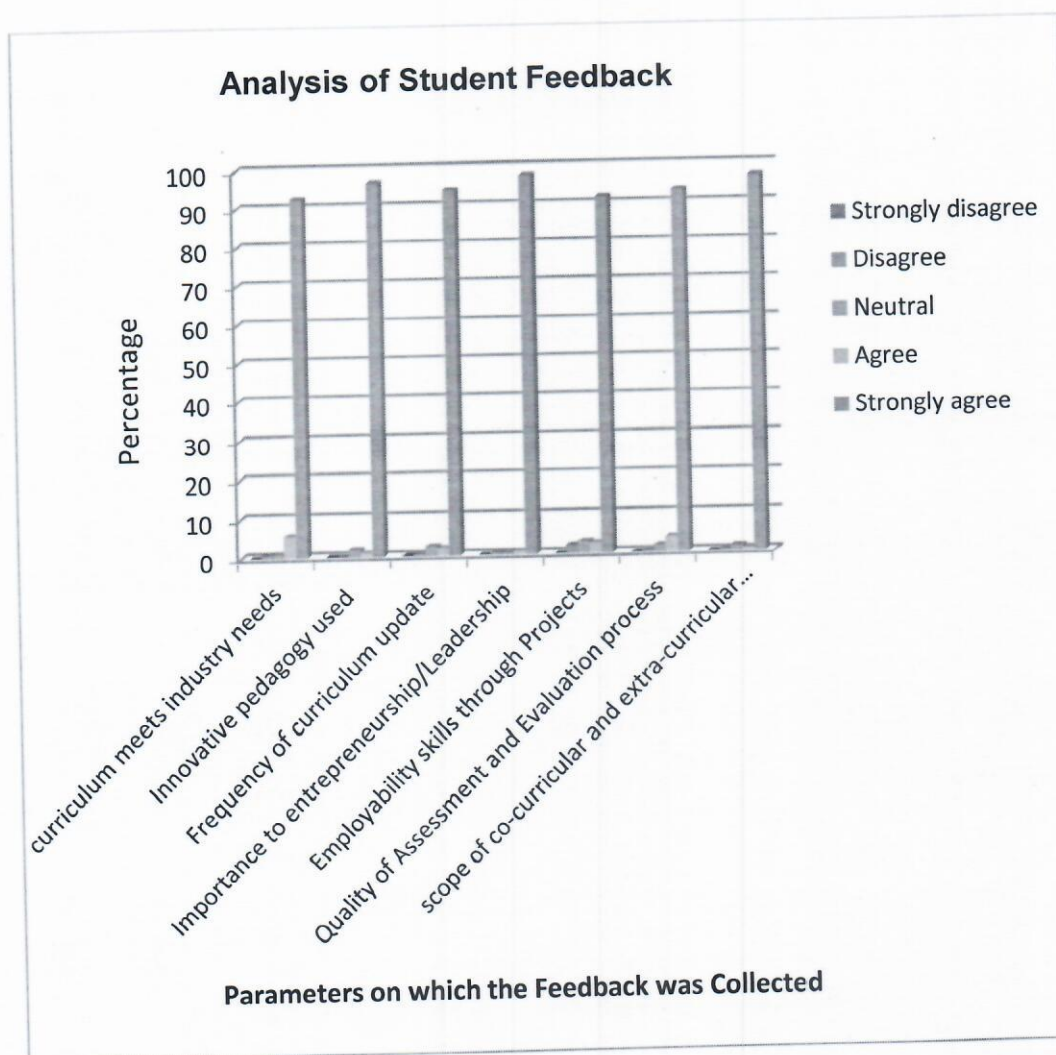
The student's feedback was collected on the following points.

Q1	Curriculum Meets Industry Needs
Q2	Innovative Pedagogy Used
Q3	Frequency Of Curriculum Update
Q4	Importance To Entrepreneurship/Leadership
Q5	Employability Skills Through Projects
Q6	Quality Of Assessment And Evaluation Process
Q7	Scope Of Co-Curricular And Extra-Curricular Activities

1.1. Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum meets industry needs	0	0.9	1	5.6	92.5
Innovative pedagogy used	0.1	0.1	2	1	96.8

Frequency of curriculum update	0.2	0.57	2.5	2.1	94.63
Importance to entrepreneurship/Leadership	0	0.6	0.4	0.9	98.1
Employability skills through Projects	0	2.2	3.1	2.68	92.02
Quality of Assessment and Evaluation process	0	0.4	1.8	3.9	93.9
scope of co-curricular and extra-curricular activities	0	0.5	1.4	0.8	97.3



1.2. ANALYSIS

- The students were satisfied with the curriculum and suggested inclusion of IoT, AI and latest technology courses.
- The students were satisfied with the technical and soft skill training provided during the program
- The inclusion of course contents stressing on entrepreneurship and sustainability is necessary.



2. Analysis of Faculty Feedback

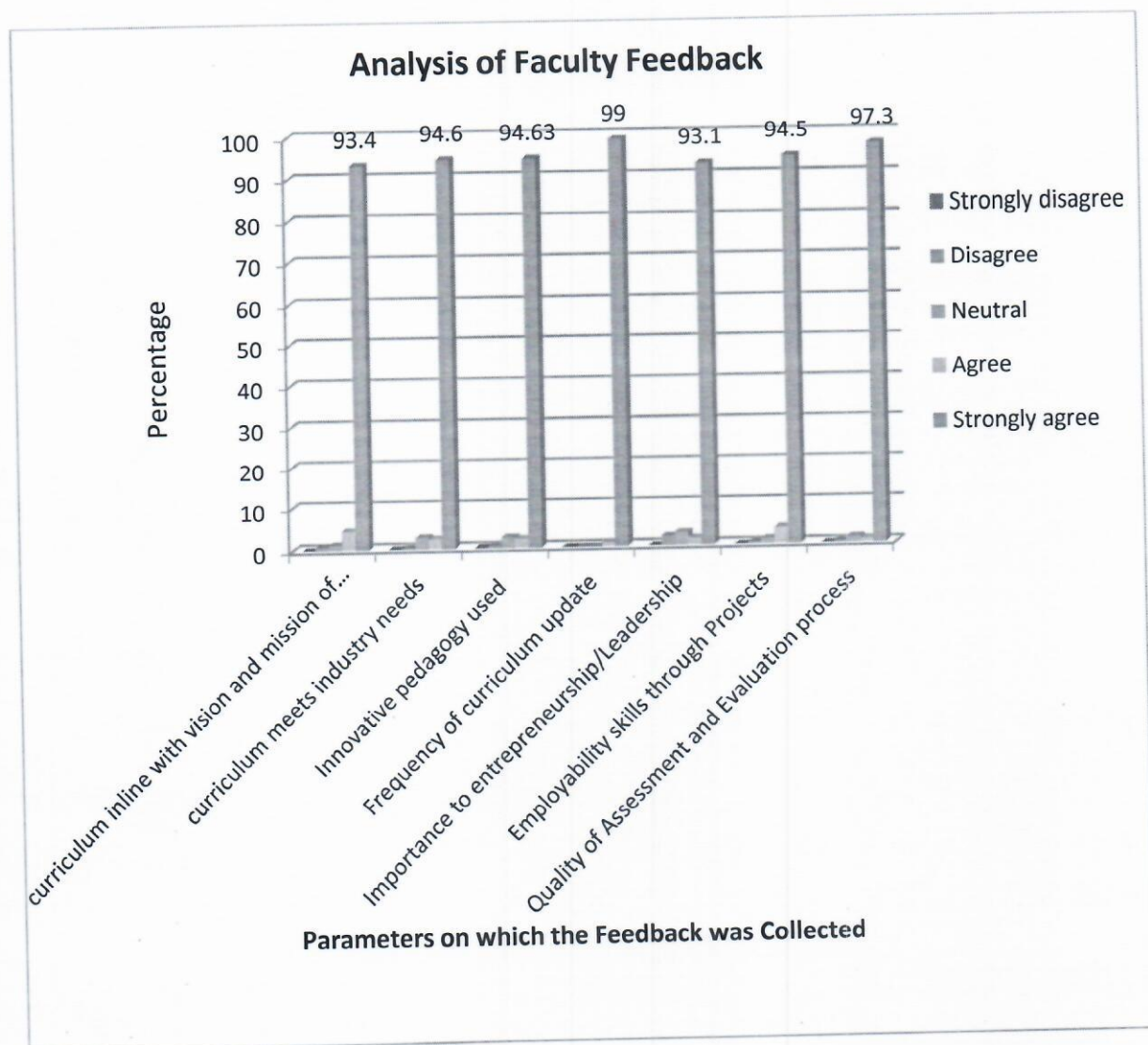
The Faculty's feedback for the academic year 2018-2019 is presented as follows:

2.1 Questions in the Feedback Template

Q1	curriculum inline with vision and mission of institution
Q2	curriculum meets industry needs
Q3	Innovative pedagogy used
Q4	Frequency of curriculum update
Q5	Importance to entrepreneurship/Leadership
Q6	Employability skills through Projects
Q7	Quality of Assessment and Evaluation process

2.1. Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum in line with vision and mission of institution	0	0.9	1	5.6	92.5
curriculum meets industry needs	0.1	0.1	2	1	96.8
Innovative pedagogy used	0.2	0.57	2.5	2.1	94.63
Frequency of curriculum update	0	0.6	0.4	0.9	98.1
Importance to entrepreneurship/Leadership	0	2.2	3.1	2.68	92.02
Employability skills through Projects	0	0.4	1.8	3.9	93.9
Quality of Assessment and Evaluation process	0	0.5	1.4	0.8	97.3



2.2. ANALYSIS

- The faculty welcomed the move of revising syllabus in association with industry experts.
- The faculty suggested inclusion of programming courses for non-Computer Science students is mandatory and some departments have already done the same.
- The faculty also suggested the inclusion of open electives as a part of the curriculum.



3. Analysis of Alumni Feedback

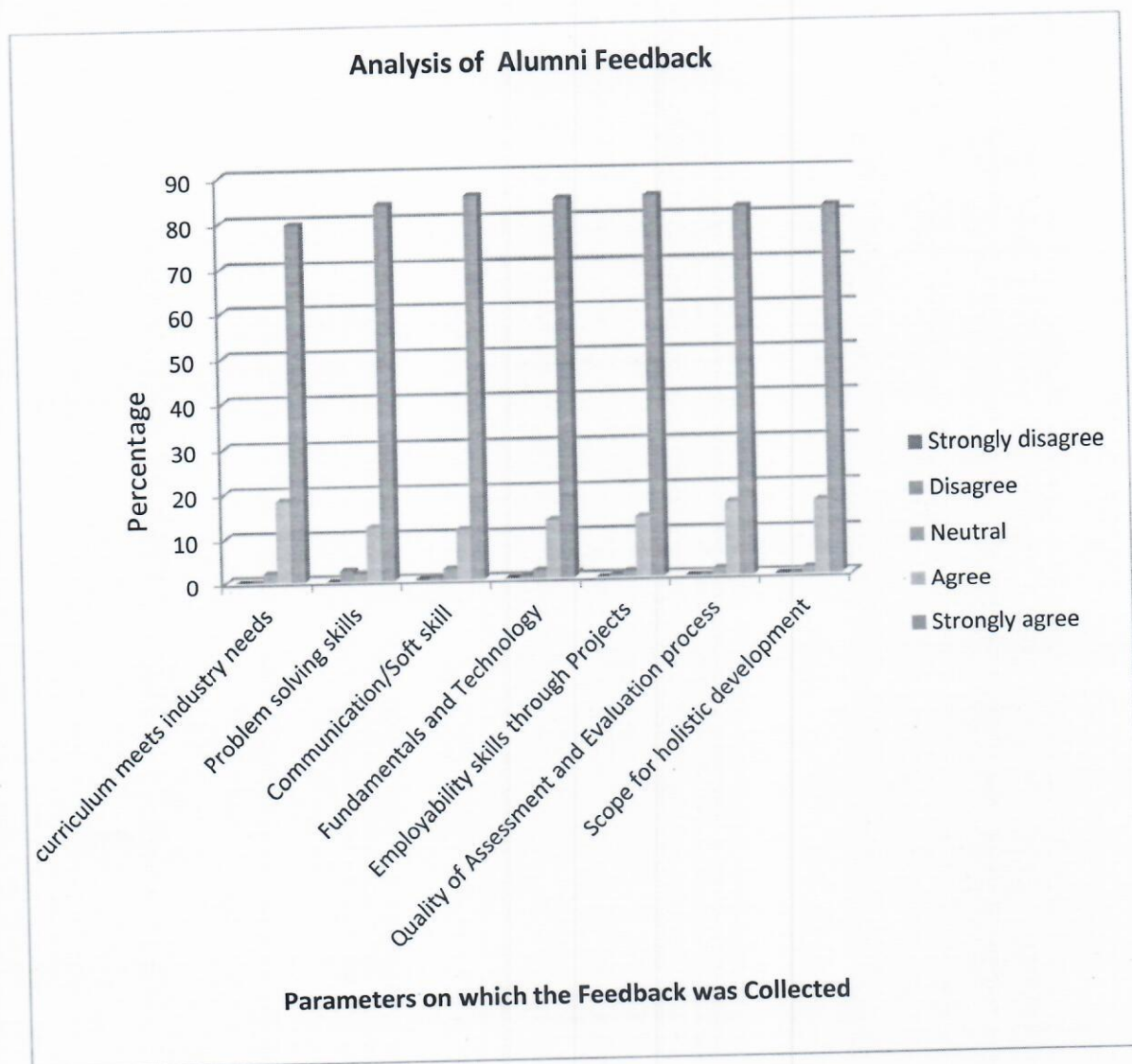
The Alumni feedback for the academic year 2018-2019 is presented as follows:

3.1 Questions in the Feedback Template

Q1	Curriculum meets industry needs
Q2	Problem solving skills
Q3	Communication/soft skill
Q4	Fundamentals and technology
Q5	Employability skills through projects
Q6	Quality of assessment and evaluation process
Q7	Scope for holistic development

3.2 Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Curriculum meets industry needs	0	0	2.1	18.4	79.5
Problem solving skills	0	0.5	2.1	15.5	82.4
Communication/Soft skill	0	0.4	3.2	17.5	78.9
Fundamentals and Technology	0	0	1.5	16.5	82
Employability skills through Projects	0	0.5	1.2	14.1	84.7
Quality of Assessment and Evaluation process	0	0	1.5	16.5	82
Scope for holistic development	0	0	1.5	16.5	82



3.3 ANALYSIS

- The alumni appreciated the efforts taken towards fostering entrepreneurship skills among students.
- The support provided for higher studies and placement was also highly appreciated.
- Many alumni gave consent to be associated with the institution for knowledge transfer and curriculum revision.



4. Analysis of Employer Feedback

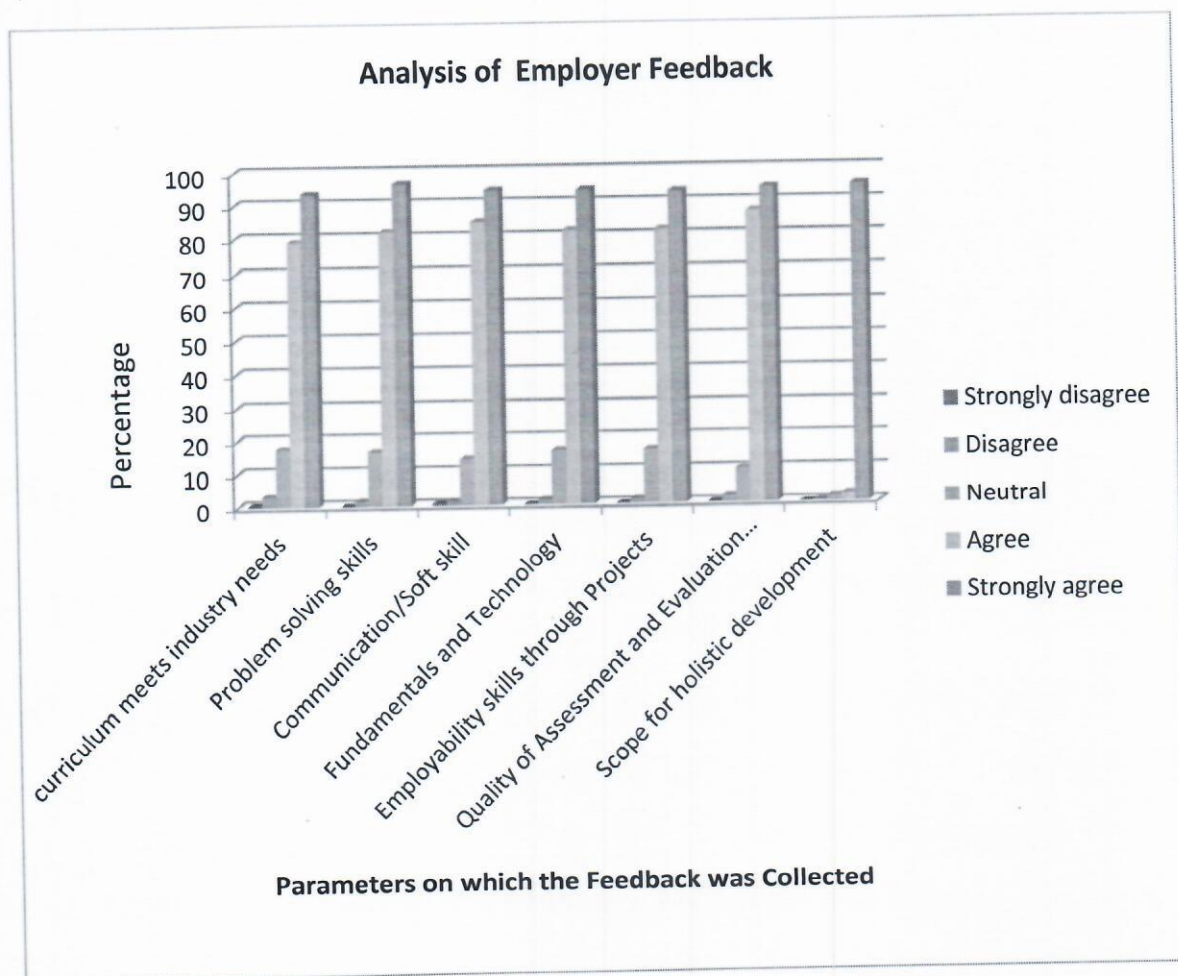
The Employer feedback for the academic year 2018-2019 is presented as follows:

4.1 Questions in the Feedback Template

Q1	Curriculum meets industry needs
Q2	Problem solving skills
Q3	Communication/Soft skill
Q4	Fundamentals and Technology
Q5	Employability skills through Projects
Q6	Quality of Assessment and Evaluation process
Q7	Scope for holistic development

4.2 Analysis Report

Parameters on which feedback was taken	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
curriculum meets industry needs	0	2.5	1.8	2.2	93.5
Problem solving skills	0	0.5	1.5	1.4	96.56
Communication/Soft skill	0.2	0.5	1.8	3.1	94.4
Fundamentals and Technology	0	0.1	3.1	2.6	94.3
Employability skills through Projects	0	0.1	1.71	4.6	93.69
Quality of Assessment and Evaluation process	0	0.3	2.9	2.5	94.6
Scope for holistic development	0	0.4	1.8	2.5	95.3



4.3. ANALYSIS

- The employers were Satisfied with the process of Curriculum design and development.
- Experts forecasted the need of specialization programmes on current trends such as AI, Data Sciences for better placement prospects.
- Employer suggested that the students should have more exposure to critical thinking, project based learning

