

REPORT ON CONTINUOUS INTERNAL EVALUATION

DEPARTMENT OF CHEMISTRY

NISTARINI COLLEGE, PURULIA

STANDARD PROTOCOL:

As per the policy of the college, after the admission and verification process of the students is over, the Induction Meeting is held and normal classes commence. After a period of approximately 1 month an Internal Assessment is taken and the students are categorized into ‘Advanced Learners (ALs)’, ‘Moderate Learners (MLs)’ and ‘Slow Learners (SLs)’. Accordingly, tutorial classes are taken for ALs & MLs, and remedial classes are taken for SLs. Departments have the autonomy to arrange remedial and tutorial classes according to their departmental routine and take the remedial & tutorial classes either online or offline or in hybrid mode.

A brief overview of the UG-Chemistry(H) Syllabus:

A brief overview of the Department and the Syllabus would be helpful in understanding the mechanism of CIE of the department of Chemistry.

No. of Honours Core Courses in Semester-1: 02 (CC-1 & CC-2)

No. of Honours Core Courses in Semester-2: 02 (CC-3& CC-4)

No. of Honours Core Courses in Semester-3: 03 (CC-5, CC-6& CC-7)

No. of Honours Core Courses in Semester-4: 03 (CC-8, CC-9& CC-10)

No. of Honours Core Courses in Semester-5: 02 (CC-11& CC-12)

No. of Honours Core Courses in Semester-6: 02 (CC-13 & CC-14)

No. of Honours DSE Courses in Semester-5: 02 (DSE-1&DSE-2)

No. of Honours DSE Courses in Semester-6: 02 (DSE-3& DSE-4)

Department of Chemistry conducts the continuous internal evaluation of the students in each semester for the benefit of the students. Continuous evaluation was done for each of the sub-divisions, namely Organic, Inorganic and Physical Chemistry of the curriculum of Chemistry (H) of Sidho-Kanho-Birsha University, Purulia.

Strategy:

- For the 1st Semester students, the Continuous Assessment -1 (CA-1) is taken after approximately one month of the commencement of the class.
- Usually written examinations are conducted of 10 marks. 10 MCQ type questions are given and students are required to tick the correct option and submit the sheet in stipulated time.
- The students are categorized into ALs, MLs & SLs based on the benchmark set by the department. Students getting less than 6 marks are to be treated as Slow Learners (SLs). Students getting 6-8 marks are treated as Moderate Learners (MLs) and those getting marks between 8-10 are treated as Advanced Learners (ALs).
- Remedial Classes are conducted for SLs, while Tutorial Classes are conducted for Moderate & Advanced Learners.
- After conducting the Remedial and Tutorial Classes for approximately 1 month, another assessment test (CA-2) is taken to assess the improvement of the students. This is done for 1st semester students only.
- The final internal assessment is carried out on the practical of each of Organic, Inorganic and Physical Chemistry as described in the Sidho-Kanho-Birsha University curriculum and the internal marks is submitted to the University portal.
- From 2nd to 6th Semester, only 1 written and 1 practical based Internal Assessment tests are taken.
- It would be relevant to mention here that from the very beginning of the CBCS curriculum, we do not have any Slow Learners as

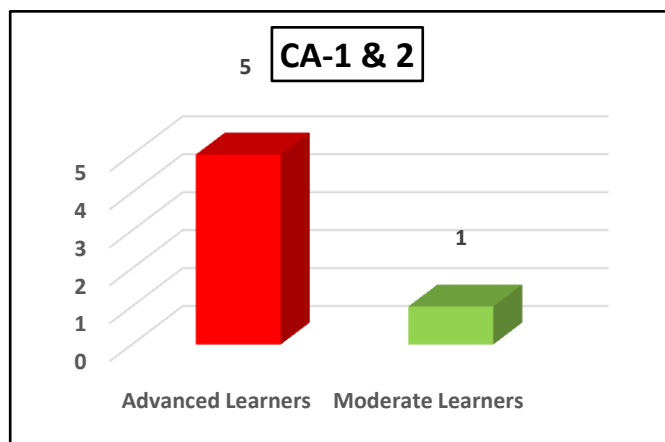
depicted below graphically. Hence, only Tutorial Classes were conducted.

Year-wise CIE report of the department of Chemistry:

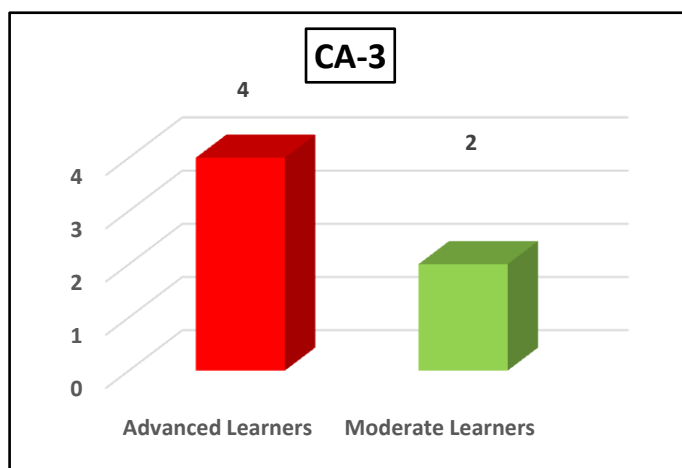
2017-2018 batch:

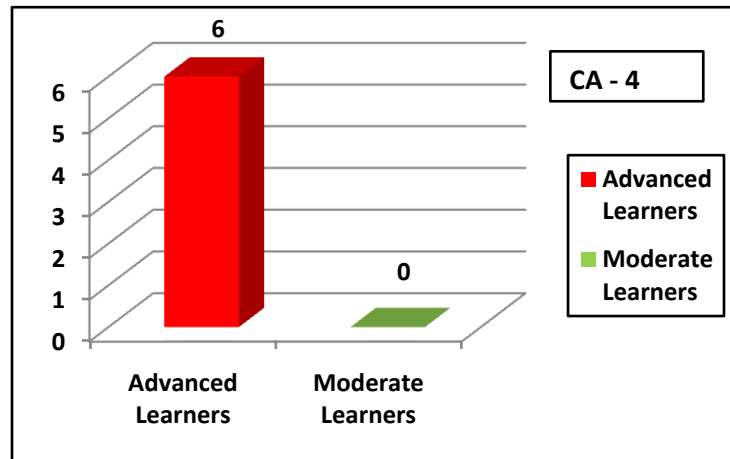
There were six students of Chemistry Honours in the 2017-2018 batch. They were advanced and moderate learner type. For the betterment, study materials as power point presentation, pdfs, and reference books were supplied for each of Organic, Inorganic and Physical Chemistry. Extra classes were arranged after their normal classes. Improvements were vivid as reflected in the Continuous Assessments (CA) and Semester wise graphical representations are given below for a better understanding.

Semester – 1:

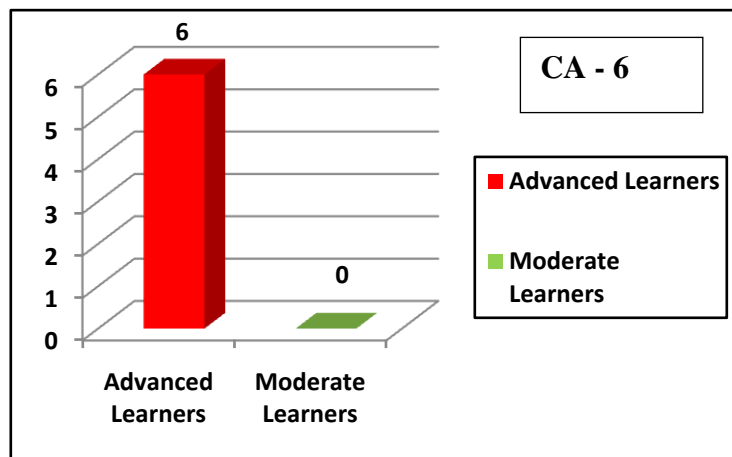
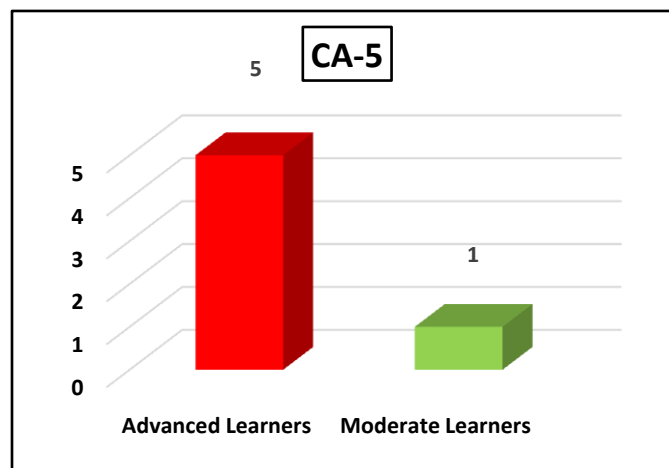


Semester – 2:

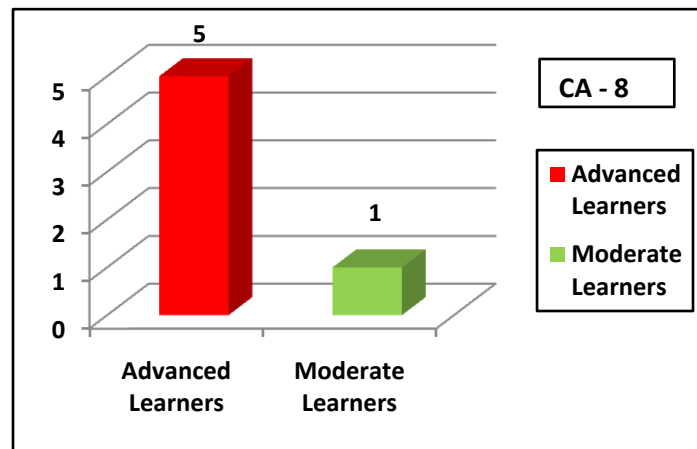
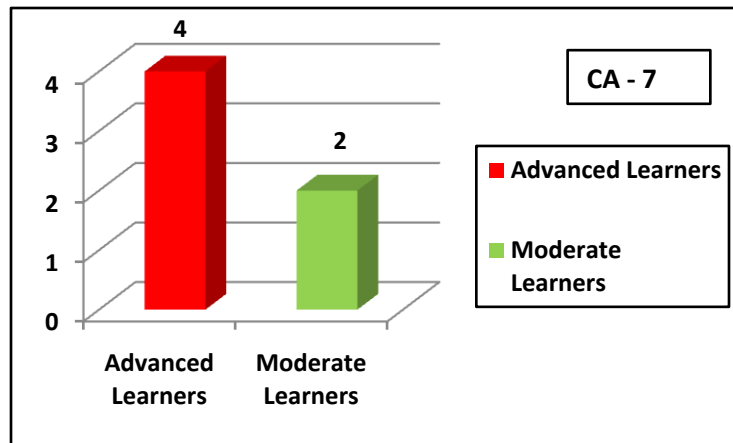




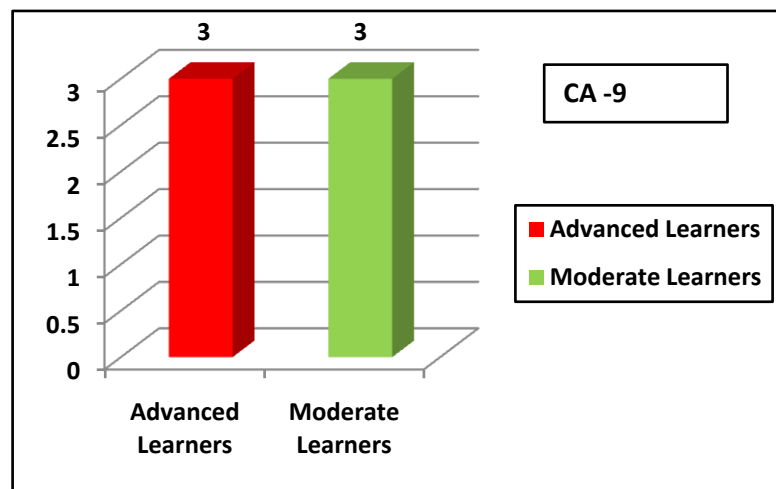
Semester – 3:

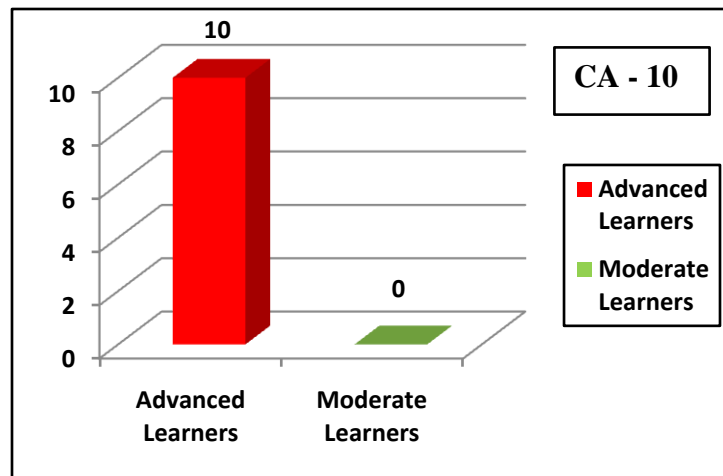


Semester – 4:

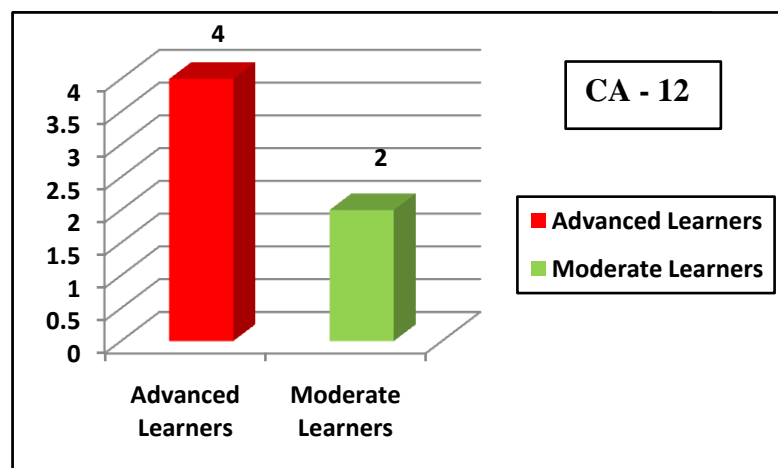
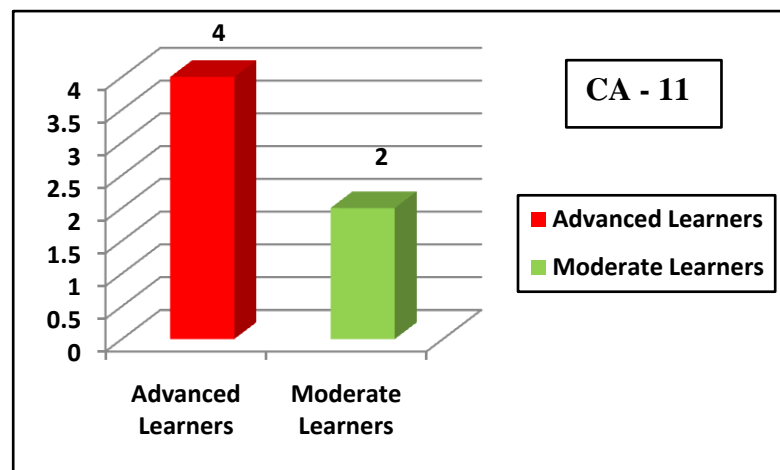


Semester – 5:





Semester – 6:

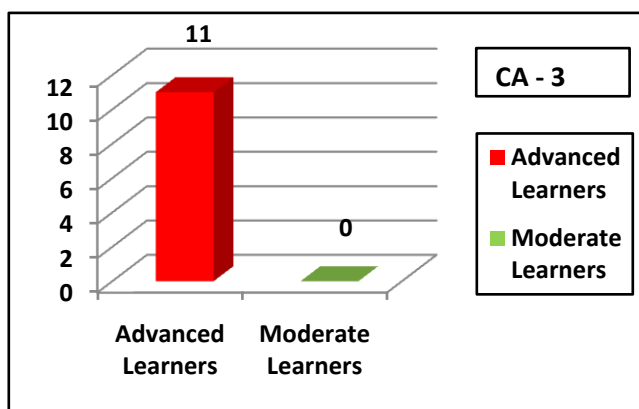
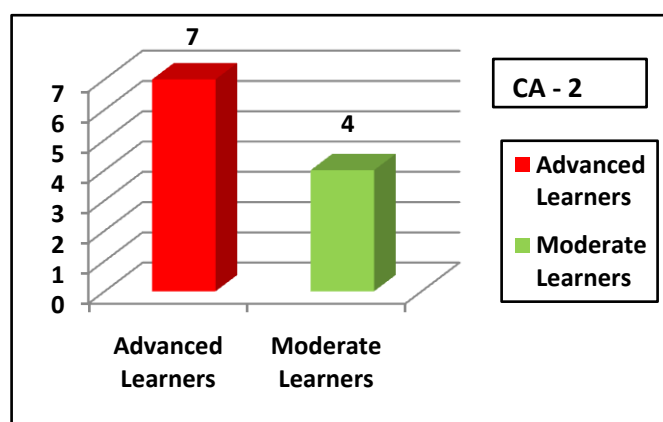
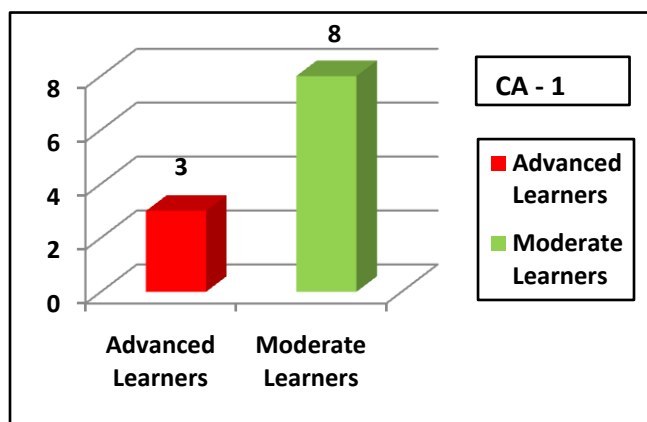


End of 2017-18 Batch

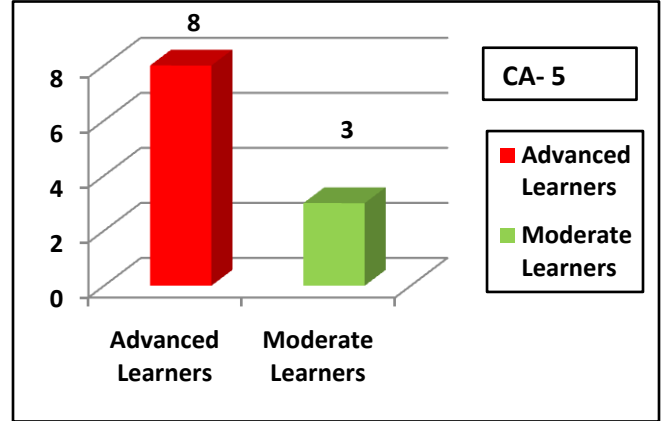
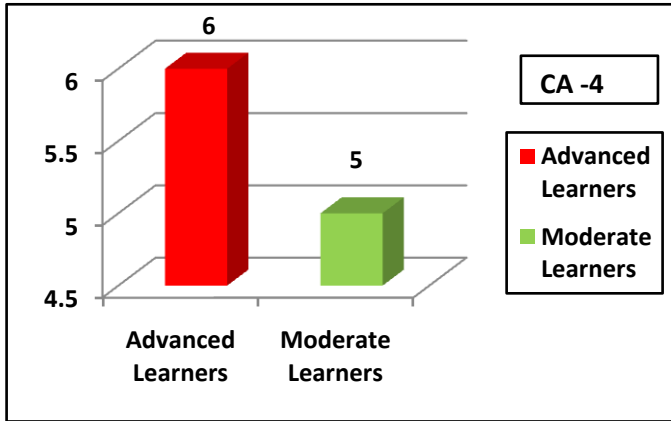
2018-2019 batch:

There were eleven students of Chemistry Honours in the 2018-2019 batch. They were advanced and moderate learner type. Study materials as power point presentation, pdfs, and reference books were supplied for each subjects, namely Organic, Inorganic and Physical Chemistry. Extra classes were taken after their normal classes. Improvements were vivid as reflected in the Continuous Assessments (CA) and Semester wise graphical representations are given below for a better understanding.

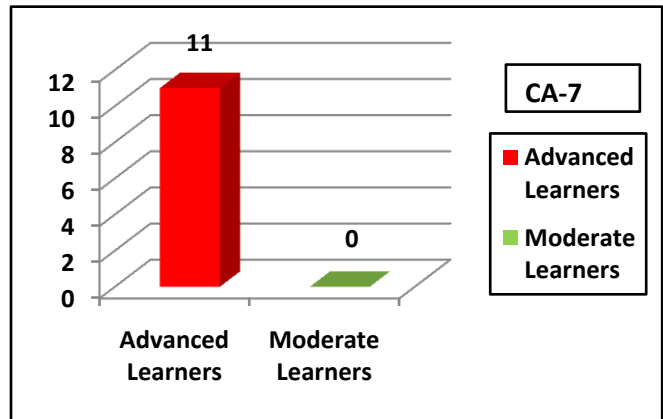
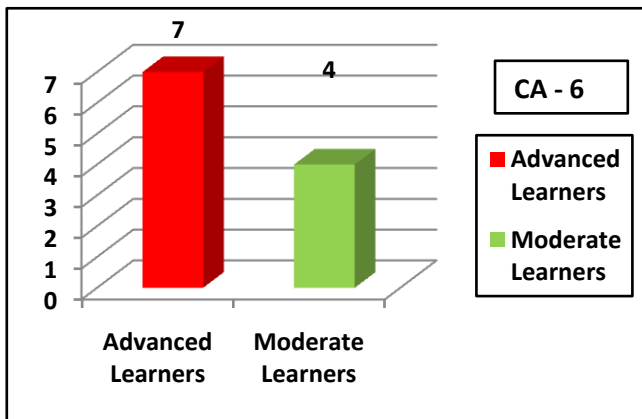
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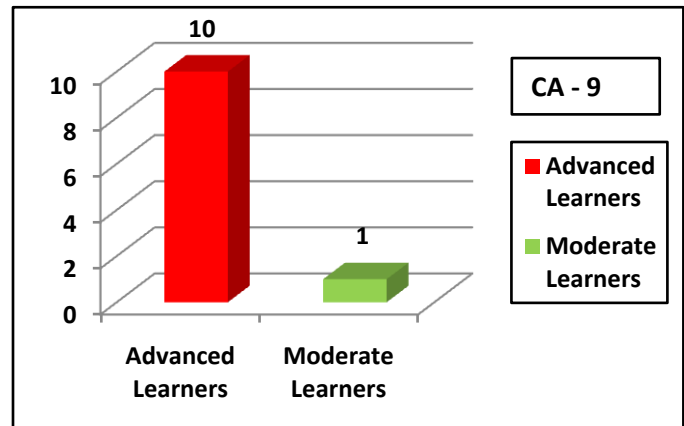
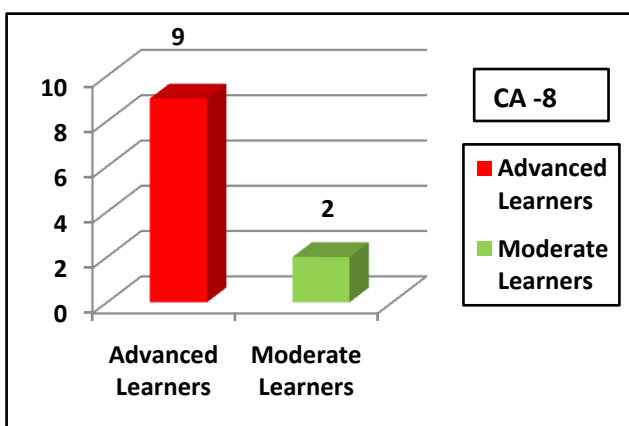
Semester – 2:



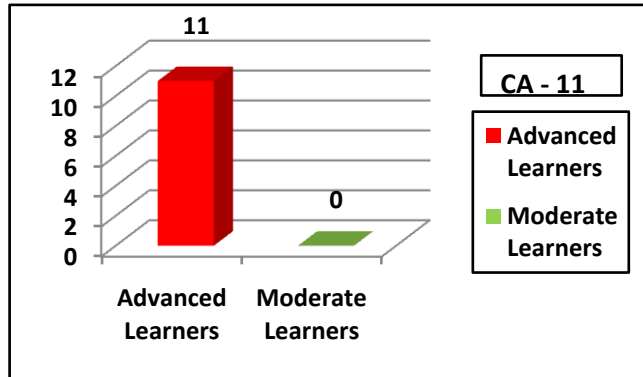
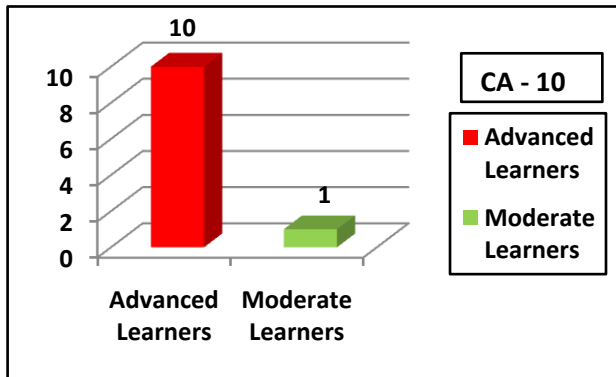
Semester – 3:



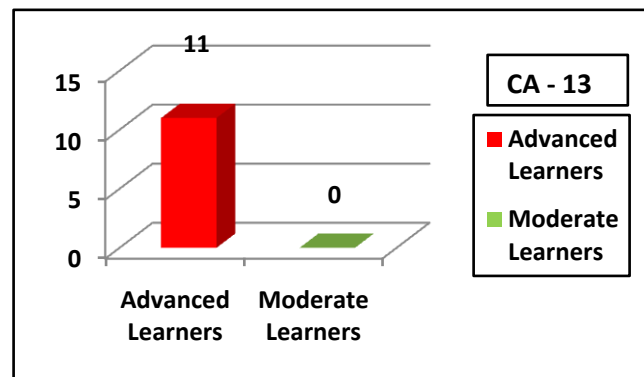
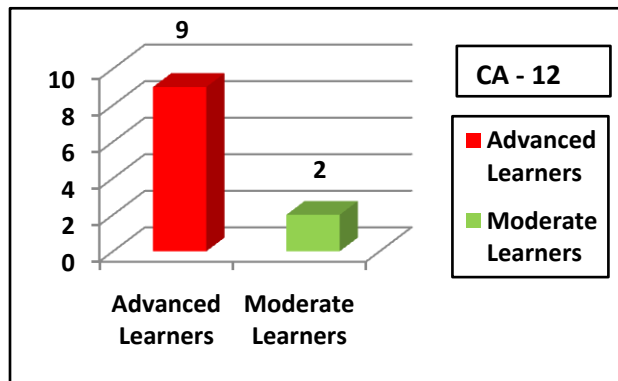
Semester – 4:



Semester – 5:



Semester – 6:

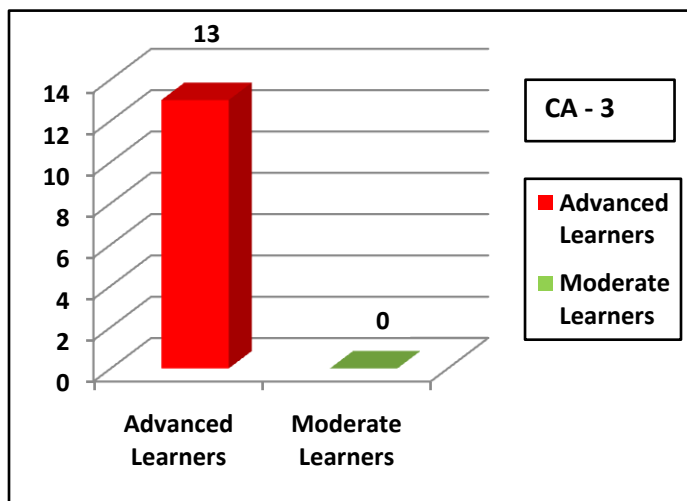
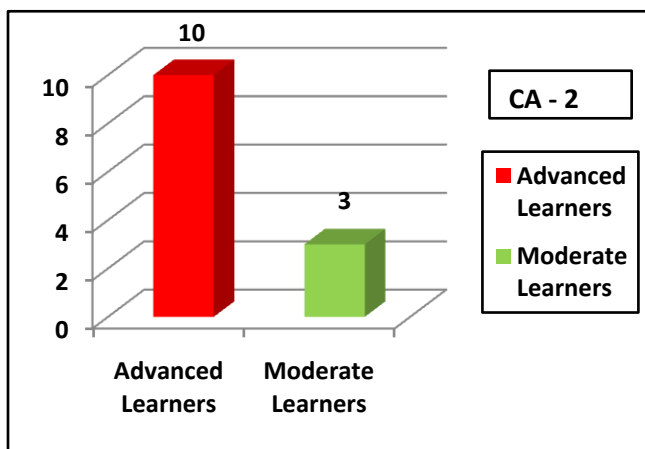
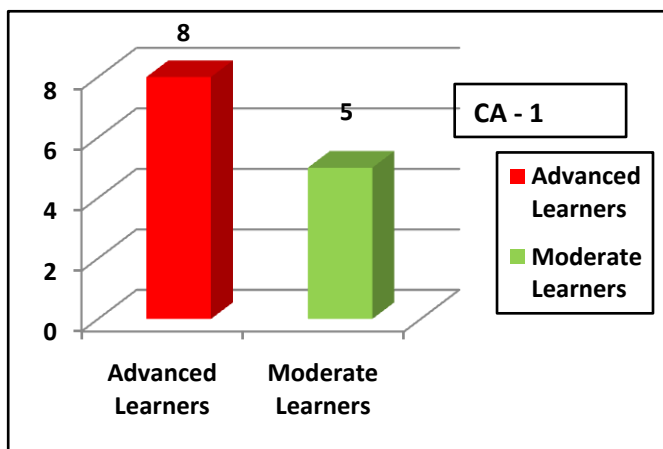


End of 2018-19 Batch

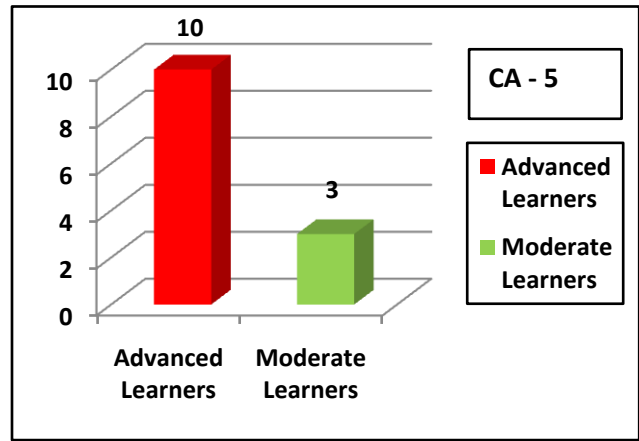
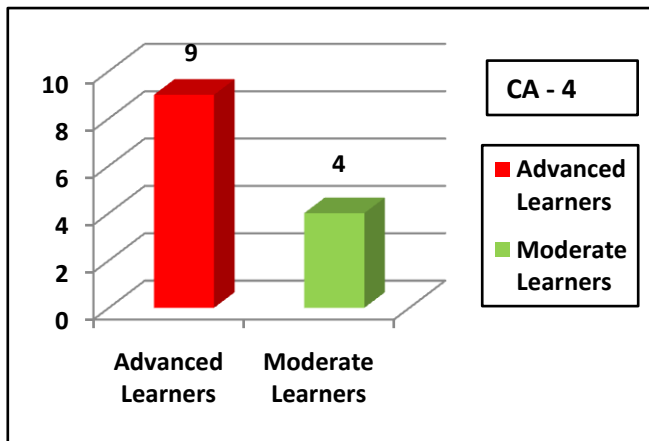
2019-2020 batch:

There were thirteen students of Chemistry Honours in the 2019-2020 batch. They were advanced and moderate learner type. They were nourished with some study materials as power point presentation, pdfs, and reference books. Extra classes were taken after their normal classes. Improvements were vivid as reflected in the Continuous Assessments (CA) and Semester wise graphical representations are given below for a better understanding.

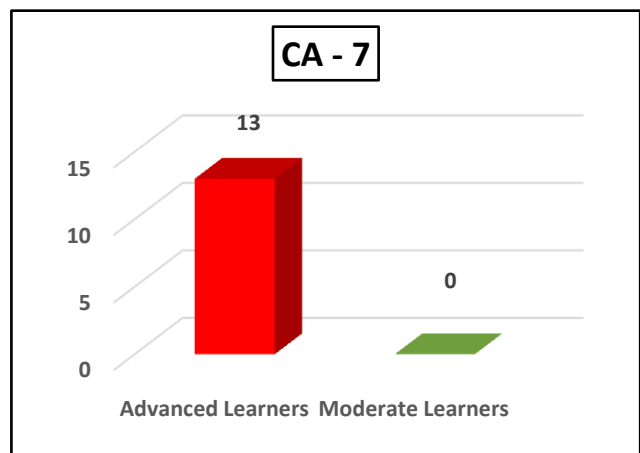
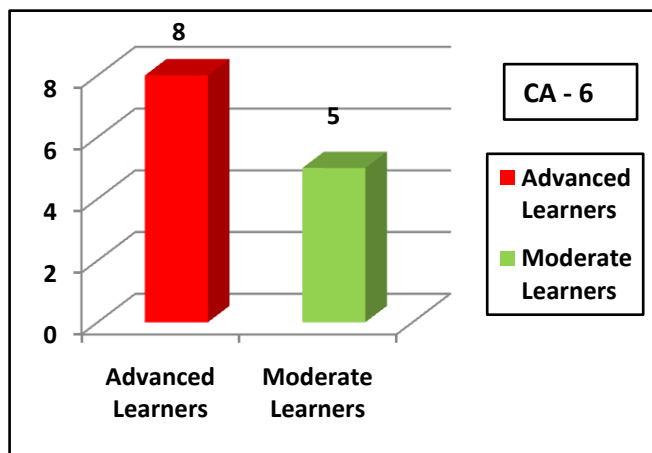
Semester – 1:



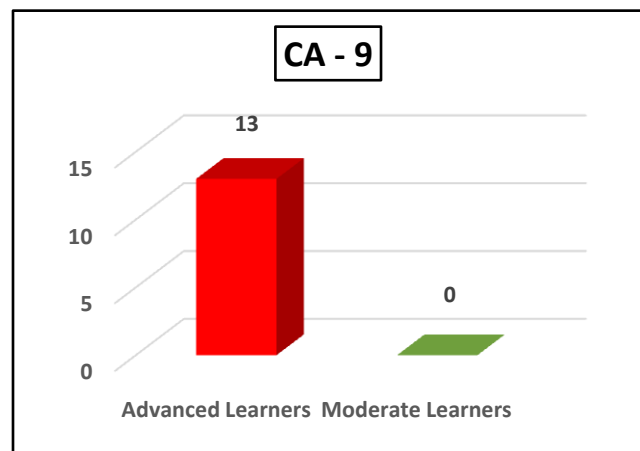
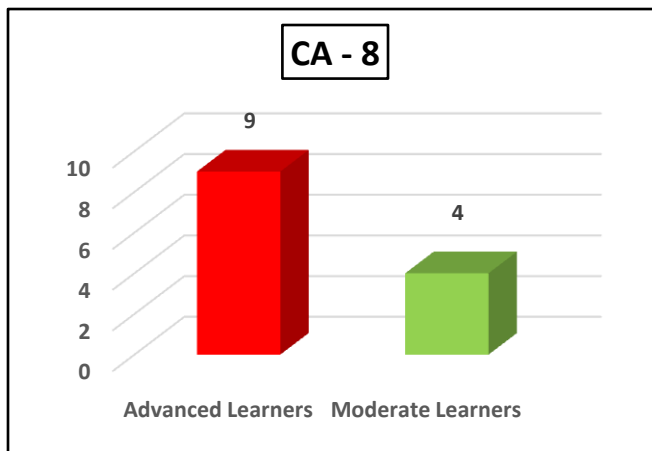
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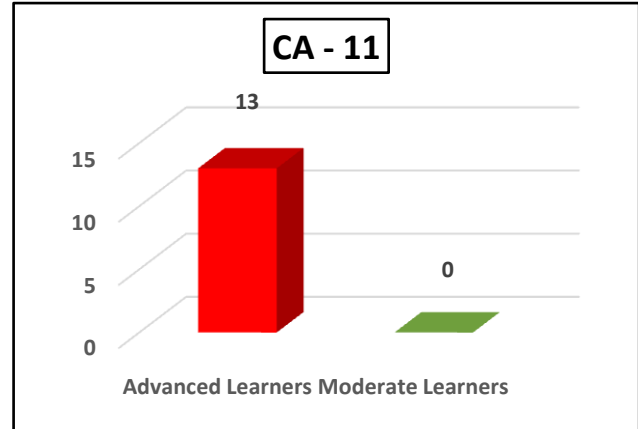
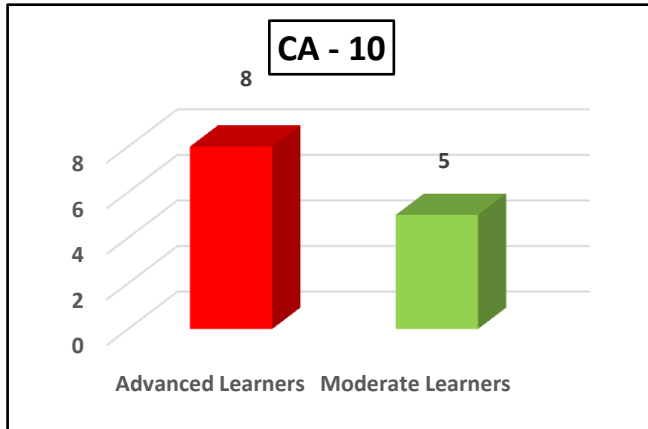
Semester – 3:



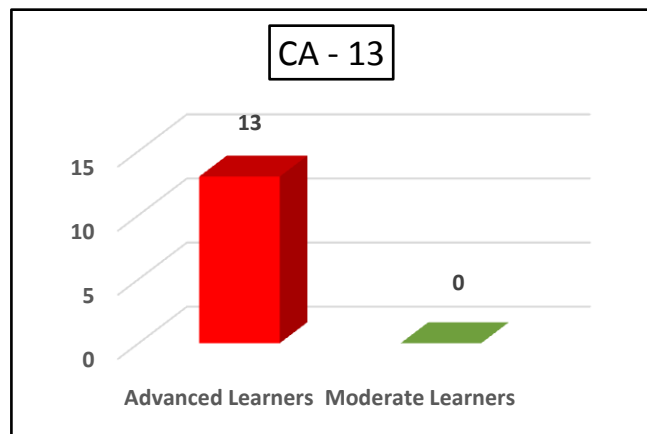
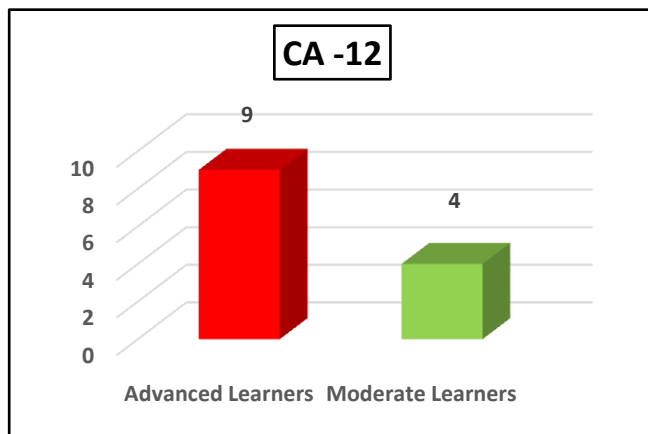
Semester – 4:



Semester – 5:



Semester – 6:

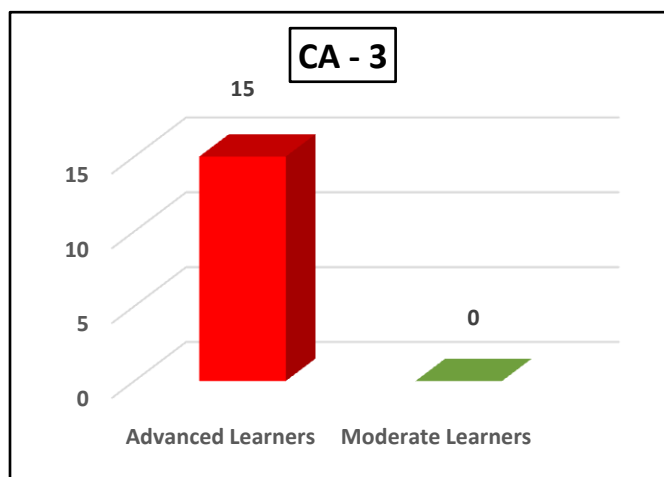
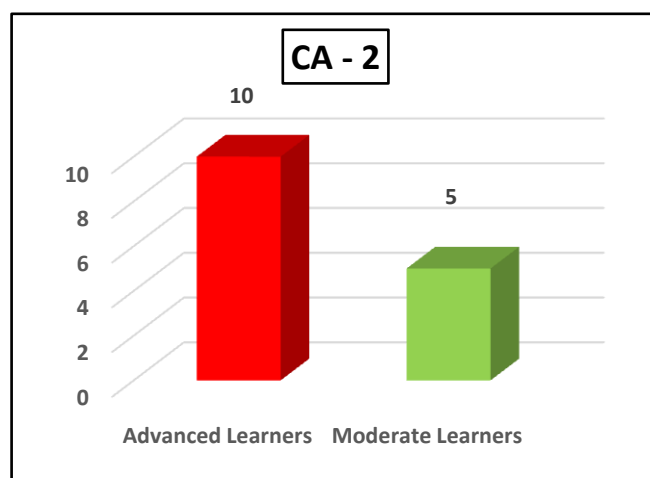
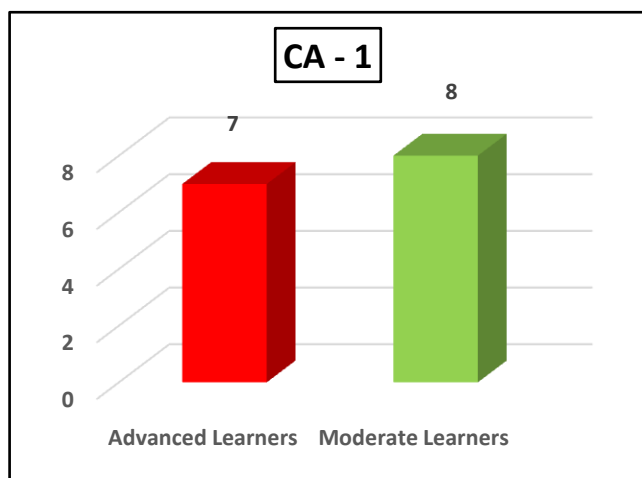


End of 2019-20 Batch

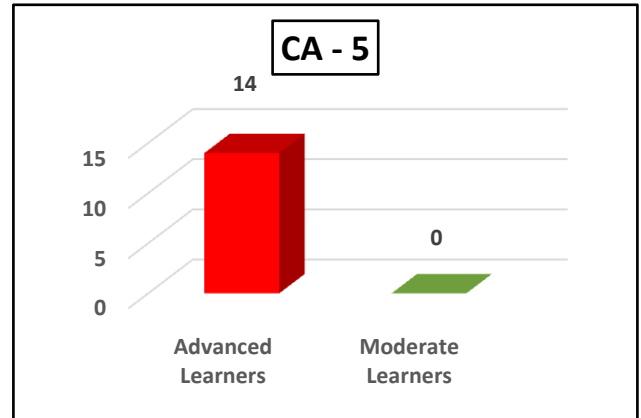
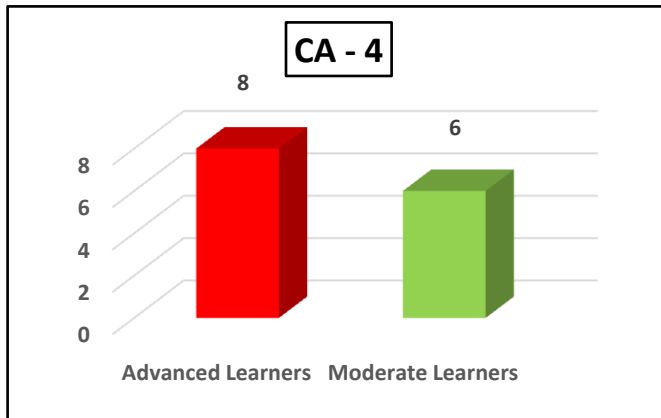
2020-2021 batch:

There were fifteen students of Chemistry Honours in the 2020-2021 batch. They were advanced and moderate learner type. They were boost up with some important study materials as power point presentation, pdfs, notes and reference books. Extra classes were arranged after their normal classes. However, three of them dropped out in due course as some of them opted for preparation of NEET Examination, while some prepared for Government Job Examinations, while one of them went to study nursing. Ultimately twelve students appeared for the final 6th semester examination. Nevertheless, the same procedure of tutorial classes was performed and the improvements are reflected in the following graphs.

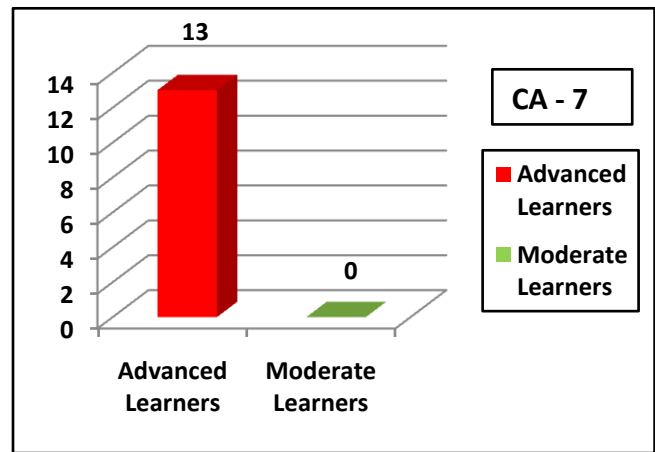
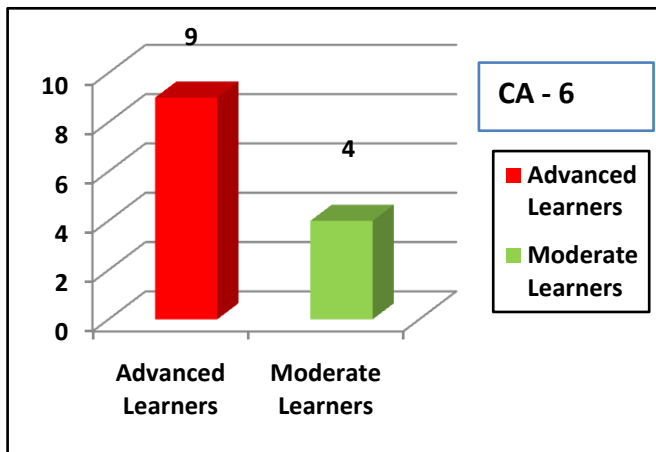
Semester – 1:



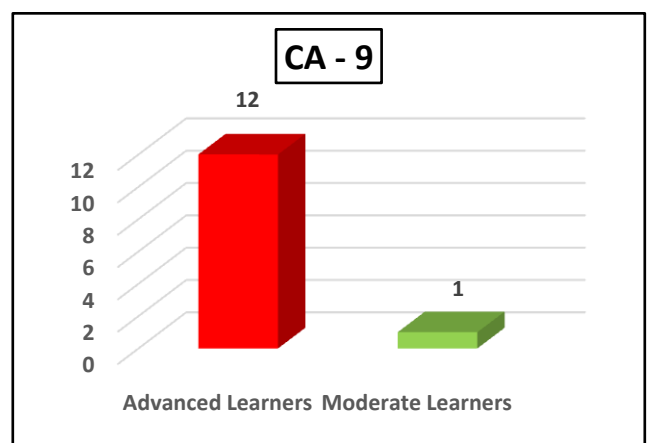
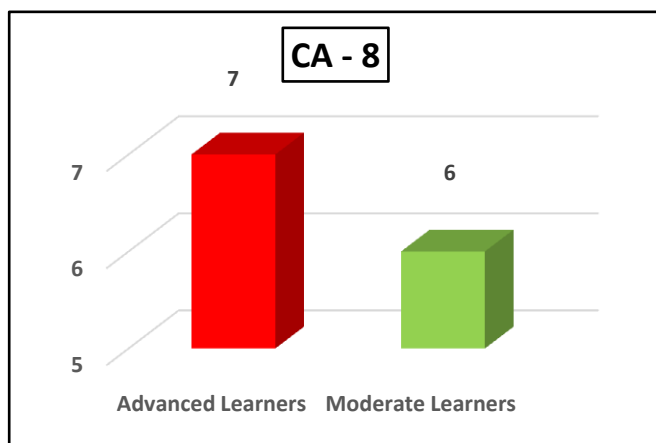
Semester – 2:



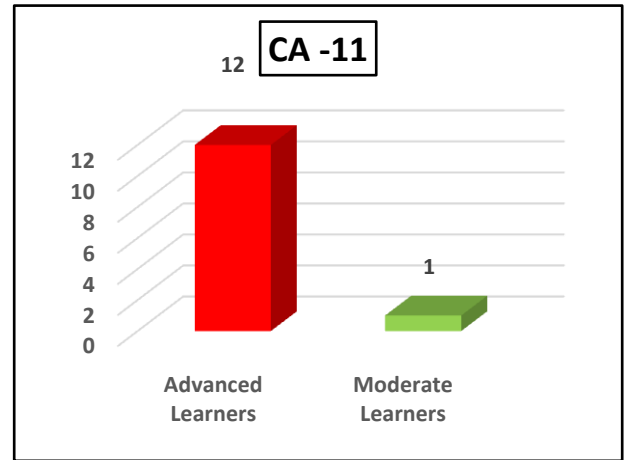
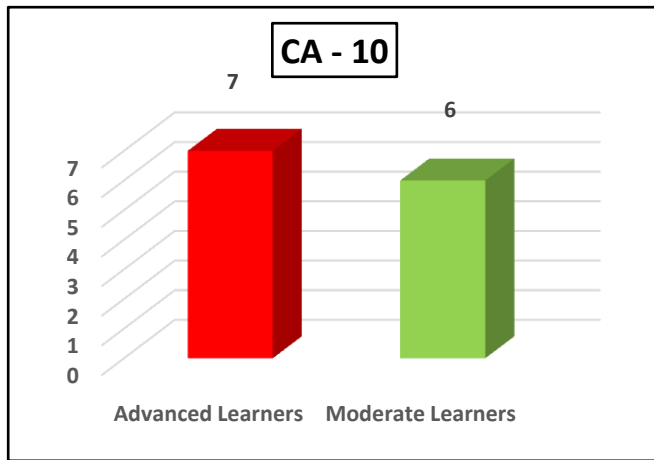
Semester – 3:



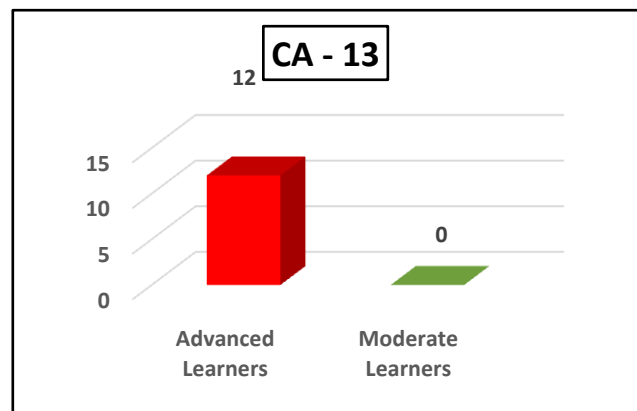
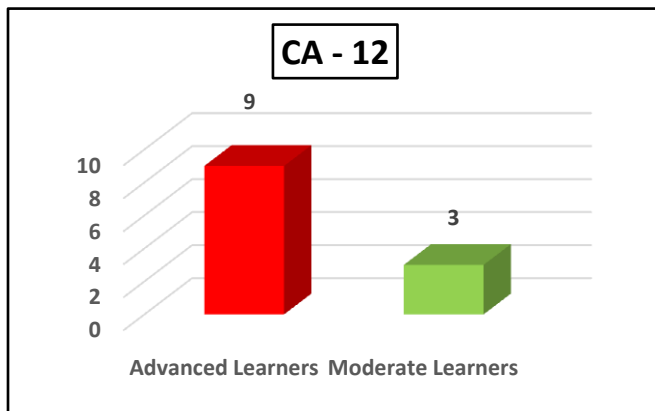
Semester – 4:



Semester – 5:



Semester – 6:

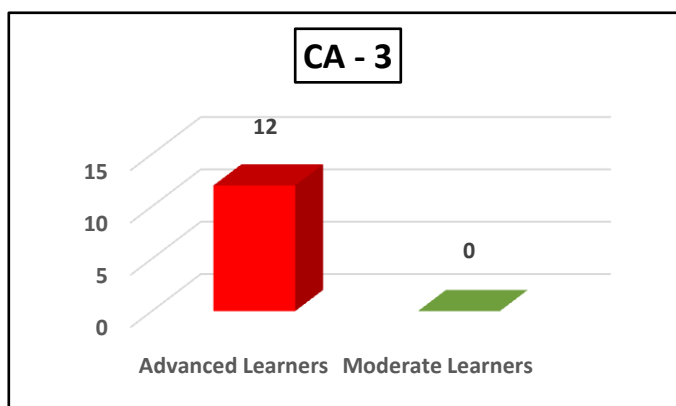
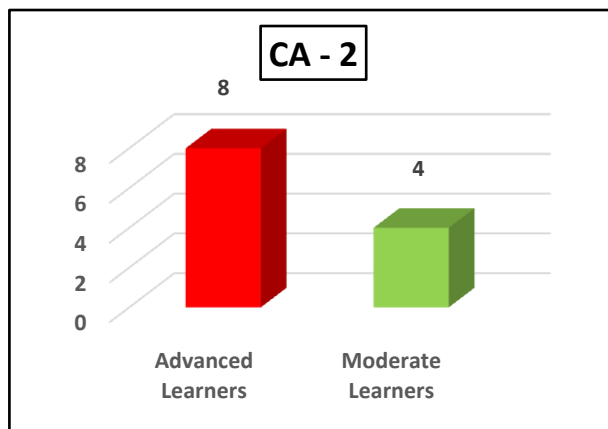
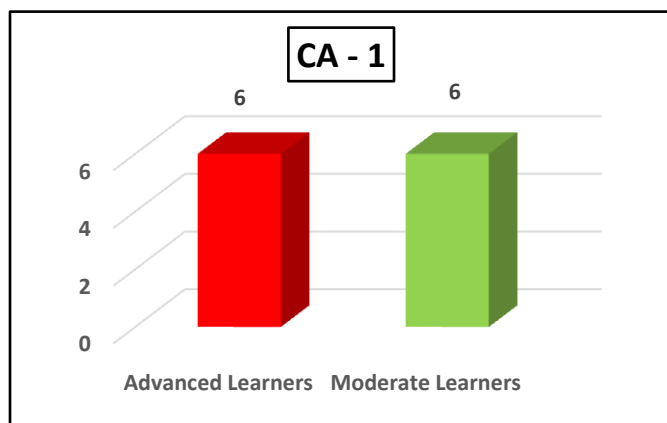


End of 2020-21 Batch

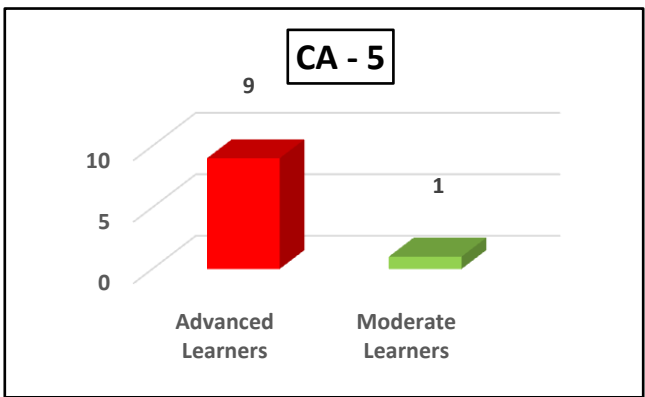
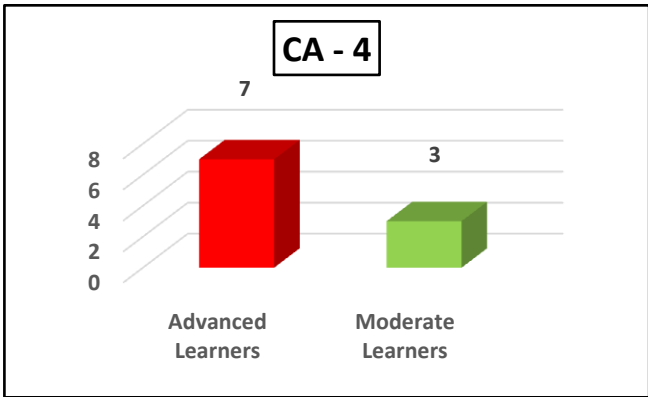
2021-2022 batch:

There were twelve students of Chemistry Honours in the 2021-2022 batch initially. They belonged to advanced learner category. However, 6 of them reported that they were preparing for NEET and other Competitive Examinations. Ultimately by the end of the 3rd semester, they dropped out and currently we have 6 students. They were supplied with some important study materials as power point presentation, pdfs, notes and reference books. Extra classes were arranged after their normal classes. Nevertheless, the same procedure of tutorial classes was performed and the improvements are reflected in the following graphs.

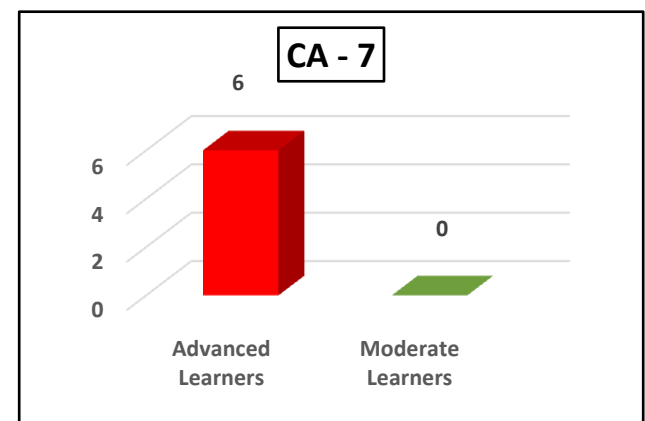
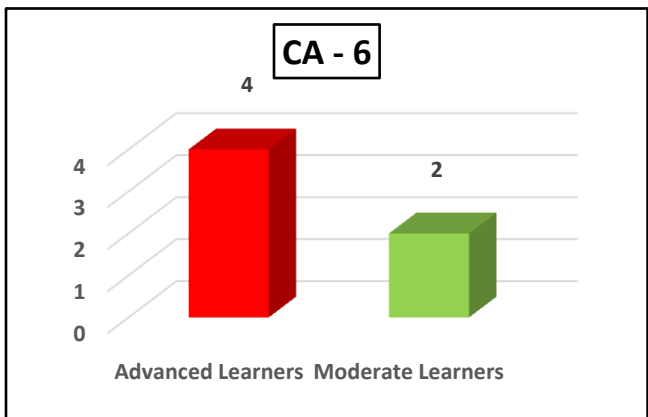
Semester – 1:



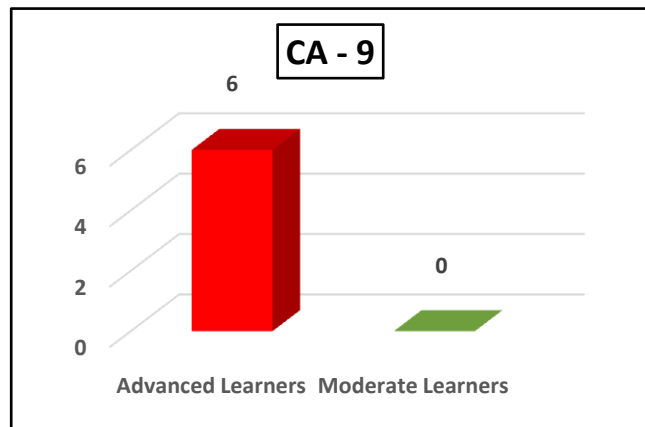
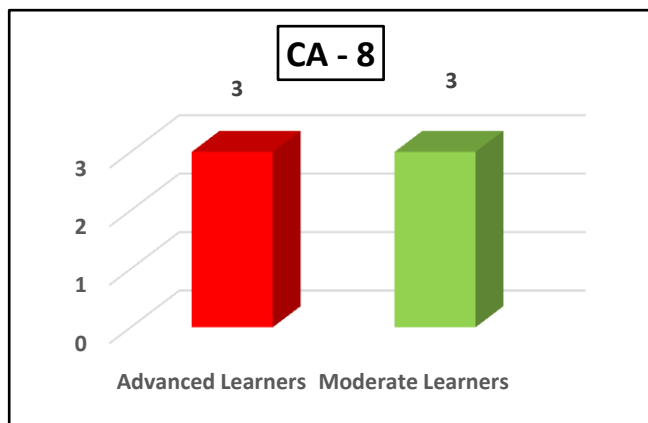
Semester – 2:



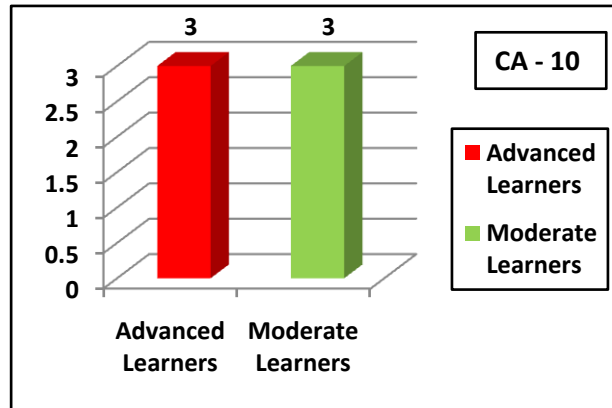
Semester – 3:



Semester – 4:



Semester – 5:

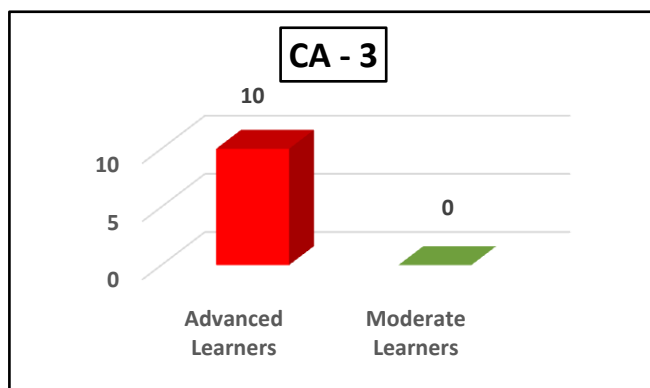
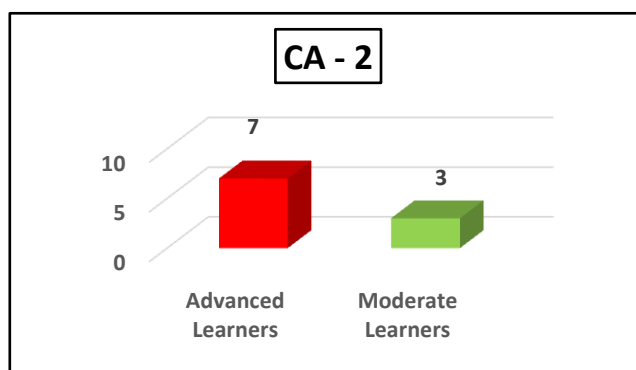
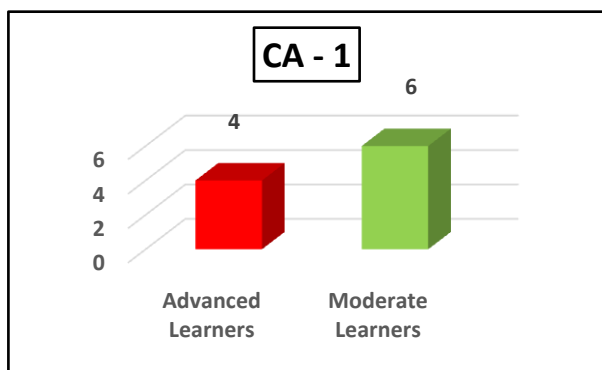


Semester 6 is yet to come.

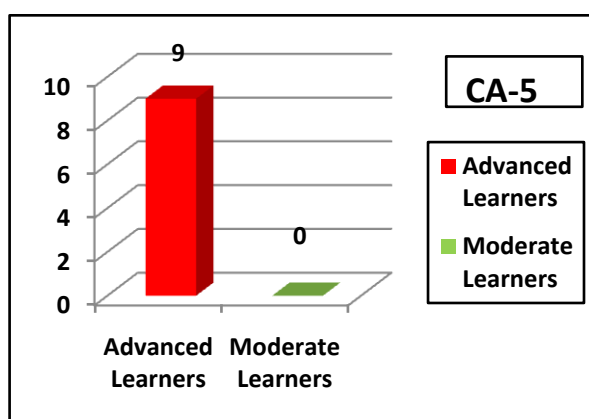
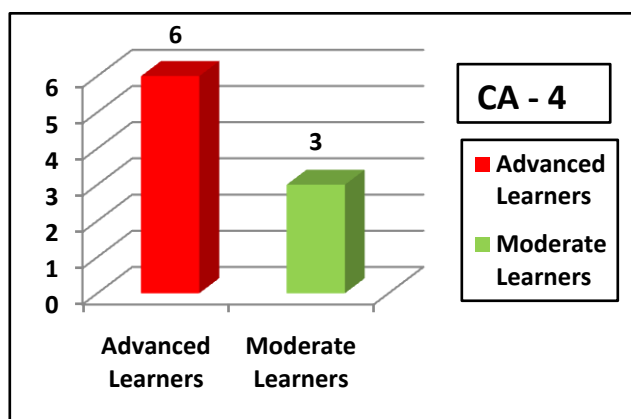
2022-2023 batch:

There were ten students of Chemistry Honours in the 2022-2023 batch. Four of them were found to be advanced learners while the rest were average learners. They were supplied with some important study materials as power point presentation, pdfs, notes and reference books. Extra classes were arranged after their normal classes. Improvements were observed and is represented graphically below.

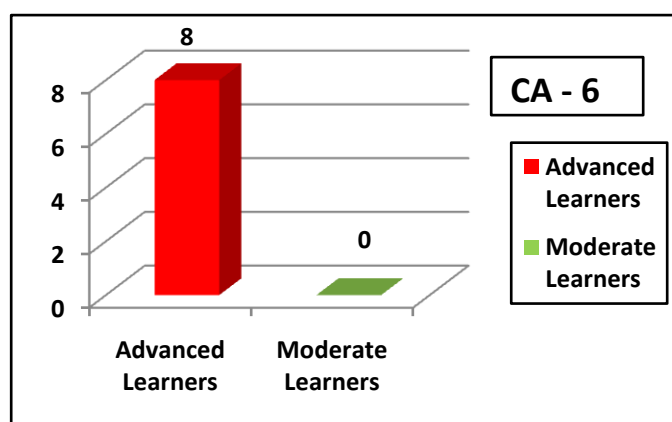
Semester – 1:



Semester – 2:



Semester – 3:



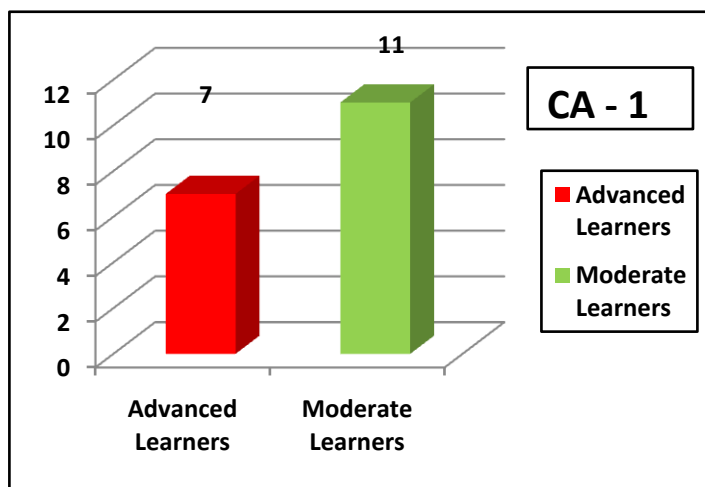
SEMESTER 4, 5 & 6 ARE YET TO COME

2023-2024 batch:

The most important change that has been implemented for the 2023-24 batch is that from this year the CBCS system was changed to NEP-2020 curriculum framework. As such no Honours subjects were offered to the students. Instead they were given Major Subjects.

There were 21 students of Chemistry Major in the 2023-2024 batch. The 1st Continuous Assessment Test was taken in the month of September, that is, approximately 1 month after the commencement of their class. 3 of them remained absent. 7 students were found to be advanced learners while 11 students were found to be average learners. They will be groomed through tutorial classes and will be supplied with some important study materials as power point presentation, pdfs, notes and reference books. We hope to see improvements in the coming months.

Semester – 1:



Department is trying its level best for the better future and prospect of the students.