

EXECUTIVE SUMMARY

The Department of Mathematics, Khushal Khan Khattak University, Karak was established in September, 2019, under the chairmanship of Dr. Saeed Ullah Jan. The Department of Mathematics conducts research on each and every aspect of mathematics, like pure mathematics, applied mathematics, decision support systems, artificial intelligence, Computational mathematics. The department offers only BS program in Mathematic with fresh admissions advertised every September (Fall). Currently enrolled students count is 10, 6, 11 and 8 in 2nd, 4th, 6th and 8th Semesters respectively.

It should be a matter of satisfaction to all the concerned that the Department has been successful in the pursuit of the aims and objectives for which it was established. The curriculum is designed by the faculty members of the department. The curriculum and course contents of the degree were then shared with Mathematics experts working in different universities and colleges. A few suggestions were put by experts, and the curriculum was designed accordingly. Departmental Board of Studies comprises of Head of the Department as convener and two senior faculty members from other departments. The Department of Mathematics is in the phase of development. The faculty members are perusing some research topics related to their academic growth.

Curriculum design updating is based upon approved criteria. The university Examinations and academic are annually scheduled in the form of academic calendar. The basic facilities are not available for students and faculty such as classrooms and faculty office. Student's affair Incharge has taken very active actions related to extra curriculum activities like sports, speech competition etc. There are some minor short comings and limitation which are hopefully in line for upcoming projects.

The mathematics department of the university can be advanced if the following suggestions are fulfilled.

- The Department of Mathematics needs permanent Faculty as there is no permanent teacher in the department.
- The latest mathematical software such as MATLAB, MATHEMATICA, LATEX, MAPPLE, SWP should be acquired with academic license in order to get students trained for the future prospects in academic activities and other private firms.