

2019-2020

ANNUAL REPORT

DEPARTMENT OF MATHEMATICS

AMBEDKAR COLLEGE OF ARTS AND SCIENCE

WANDOOR



About Department

Department of Mathematics was started in the academic year 2014-2015 and at present it offers UG course only. The Department have highly qualified, dedicated and sincere faculty members. The Department consists of 3 teachers and degree students. It is one of the most active and vibrant department of the institution. It is keenly associated with all spheres of activities of the college, academics as well as co-curricular activities. The annual intake for B.Sc. Mathematics is 48. A Mathematics club is functioning in the department to improve the literary talents, organizational skills and public interaction of the students. Alumni of the department are well-placed in various institutions, industries, universities and in other reputed firms.

Mission

To create the awareness about the fundamental concepts and competency by providing the essential scientific knowledge and skills, so as to be able to become competent and successful in the chosen profession

Vision

To upgrade performance standards in the field of Mathematics in order to be a leading department in Kerala

In the academic year 2019-2020 the Department of Mathematics had the following four faculty members:

- 1. Mrs.Sharshad Ameera.U (Assistant professor and head of the Mathematics Department)**
- 2. Mr.Rinu Shalik P (Assistant professor of Mathematics on contract)**
- 3. Mrs.Sunaina (Assistant professor of statistics on contract)**
- 4. Mrs.Jasmine.MT (Assistant professor of computer science on contract)**

Highlighted achievements of the faculty members

1. Mrs.Sharshad Ameera.U

- Completed **Refresher course** in Mathematics, from UGC human resource development centre, University of Hyderabad, held during July 18 to 31,2019, with 'A' grade.
- Conducted the interview of guest lecturer for Mathematics as ‘subject expert’ in Amal college of advanced studies, Nilambur on Thursday 28 November 2019
- Presented a paper on 'comparative study of metric dimension and edge metric dimension of splitting graph of trees', in the MESMAC international conference on ' Applying theory : Paradigms, Practices Faultlines', organised by MES Mampad college Mampad,in association with Kerala state higher Education council on on 14, 15 and 16 January 2020.
- Coordinated the MESMAC international conference on ' Applying theory : Paradigms, Practices Faultlines', organised by MES Mampad college Mampad,in association with Kerala state higher Education council on on 14, 15 and 16 January 2020, as knowledge partners.
- Presented a paper on 'Edge metric dimension of some special graphs ' in the two day National seminar on “Mathematical Research in Education and Industries” held at Sir Syed College Taliparamba, Kannur,during 16 &17 January 2020

2. Mr.Rinu Shalik P

- Presented a paper on 'Artificial Intelligence and Mathematics ' in the two day National seminar on “Mathematical Research in Education and Industries” held at Sir Syed College Taliparamba, Kannur,during 16 &17 January 2020

Events organized by the department during 2019-20

The International Day of Older Persons: October 1

The **International Day of Older Persons** is observed on October 1 each year. On behalf of this day, Department of Mathematics in Ambedkar College of Arts and Science Wandoor distributed food for Cancer Patients and their helpers in nearby Homeo Cancer Hospital. The food distribution inaugurated by College principal Dr. Abdul Nazar and Department Hod Mrs. Sharshad Ameera U. The hospital authority gave all support for this program. Mathematics department again proved their social responsibility through this program. Mr. Rinu Shalik P (Assistant Professor On Contract in Mathematics), Mrs. Sunaina (Assistant Professor On Contract in Statistics), Mrs. Jasmine MT (Assistant Professor On Contract in Computer Science) and some selected students from three years also presented in this program at the time of food distribution.





Alumni Meet 2019

Ambedkar College of Arts and Science Wandoor Mathematics Department Alumni Association organised Alumni Meet “FLASH BACK” on the campus on 7th October 2019. The Meet was attended by around 34 alumni in total from 2014-17 batch, 2015-18 batch and 2016-19 batch. The event started around 10 am. Mr. Rinu Shalik P, Assistant professor on contract in Mathematics welcomed the gathering. Presidential address was delivered by Mrs. Jasmine MT, Assistant professor on contract in Computer Science. The meeting was inaugurated by Mrs. Sharshad Ameera, HOD Mathematics Department. The inaugural session was concluded by Vote of thanks delivered by Mrs. Sunaina, Assistant professor on contract in Statistics.

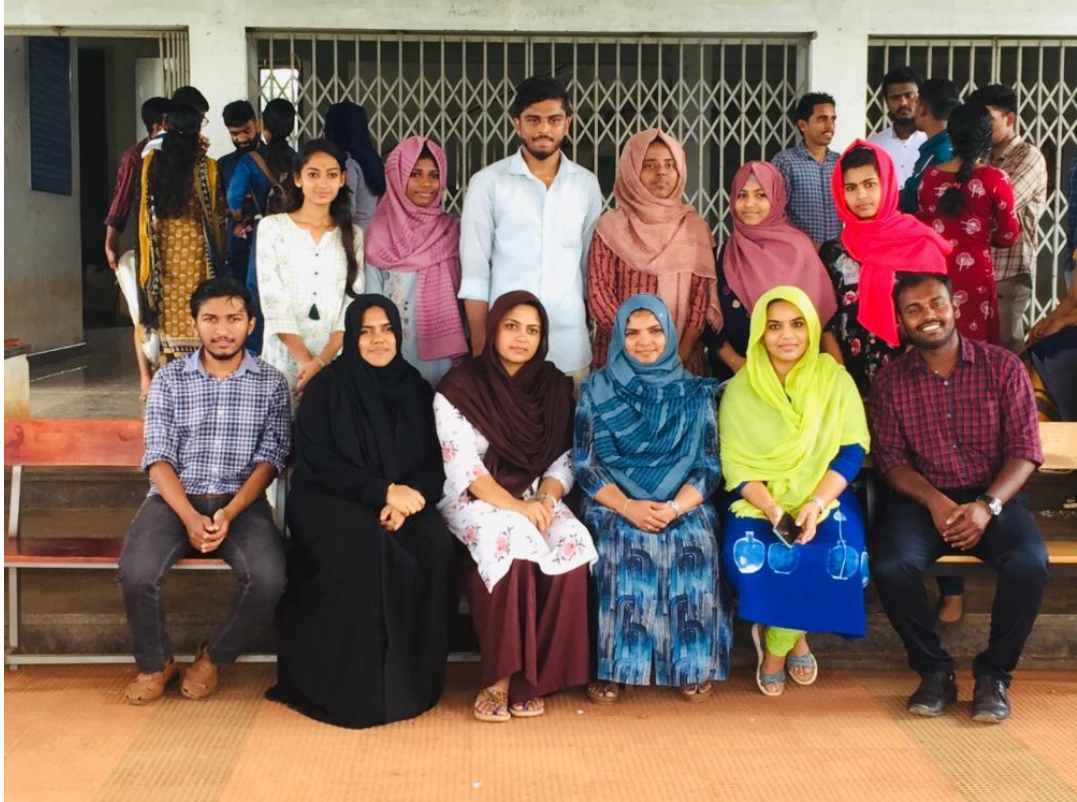
During the meeting, an alumni representative was elected from the students for further annual meets. Alumni shared their experiences during and after their campus life. After that the cultural programmes are started.

Alumni coordinators distributed the Alumni feedback form and collected Alumni opinions through filled Alumni feedback form. The previous teachers are also attended at the meeting and shared their experiences about the students.

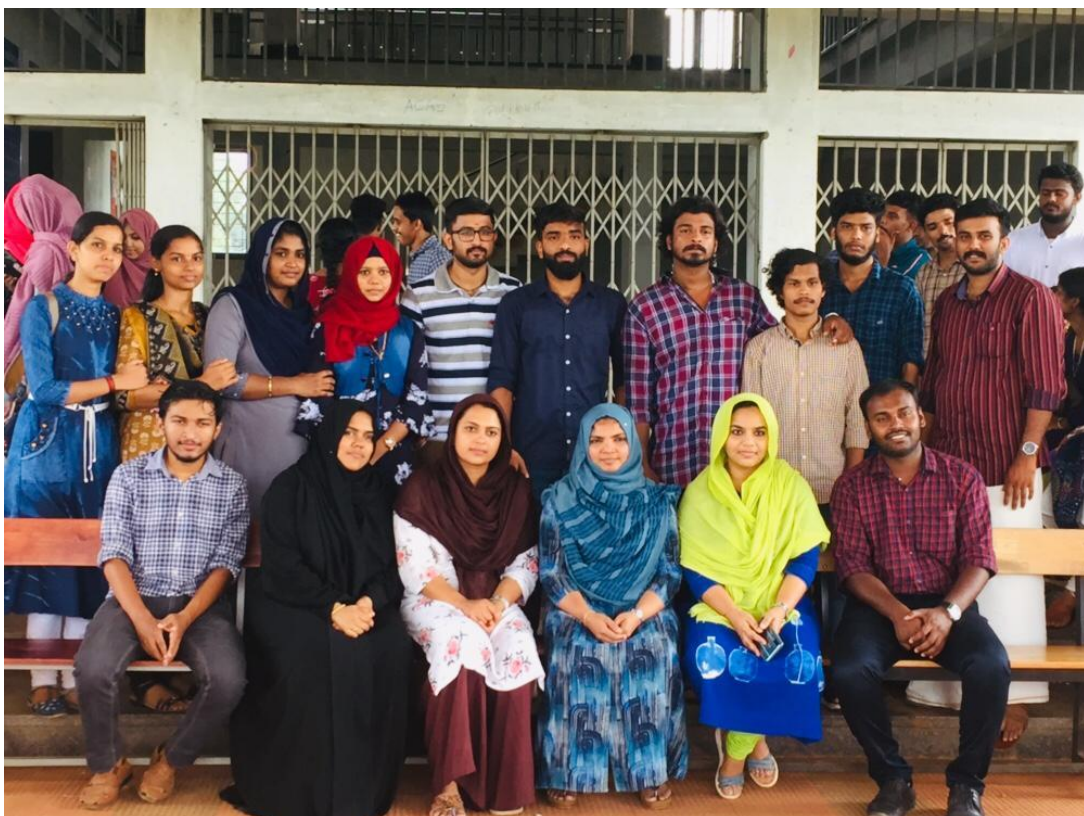




2016-19 Batch



2015-18 Batch



2014-17 Batch



Keralappiravi Day

Department of Mathematics in Ambedkar college of arts and science celebrated Keralappiravi day on 1st November 2019. As the part of celebration department of mathematics conducted Vegetable Printing Competition and Malayalimanka and Keralashreeman Competition. In this event many students from the various departments and also from mathematics department took part.

The first programme was Vegetable printing. It commenced at 10:30 am. Mr Shahul Hameed (Assistant professor on Commerce), Dr Anish Mathew (Assistant professor on Economics) and Mrs. Naseera MK (Assistant professor on English) were the judges of the competition. The winner of the competition was Limiya from Second English and Hanan from First BSc Mathematics.





The second programme was Malayalimanka and Keralashreeman. It commenced at 1:30pm and held in the college auditorium. It was a group task. Mr Sanil PP (Assistant professor on Physical education), Mr Shahul Hameed (Assistant professor on Commerce) and Mr Mubashir KP (Assistant professor on English) were the judges of the competition. The winner of the competition was the pair Arun Sai (Second BA English) and Anjana K (Second BA English). The prizes for the Winners are distributed by College Principal Dr. Abdul Nazar.



Mathematics Association Inauguration

Mathematics association of Ambedkar College of Arts and Science Wandoor was formally inaugurated by Mr. Abdul Rof V, Head of the Department of Mathematics, KAHM Unity Womens College, Manjeri on 05-11-2019 at 10:30am in the first floor common class room. Mrs. Sharshad Ameera, HOD delivered the welcome speech. Dr. Abdul Nasar VP, College Principal has presided over the function. Mr. Sanil PP (Staff Secretary, Ambedkar College Of Arts And Science, Wandoor), Dr. Pramod KM (Head of the Department of Economics, Ambedkar College Of Arts And Science, Wandoor), Mrs. Naseera MK (Head of the Department of English, Ambedkar College Of Arts And Science, Wandoor), Mrs. Dhanya (Head of the Department of Commerce, Ambedkar College Of Arts And Science, Wandoor), Dr. Sanil AS (Head of the Department of Malayalam, Ambedkar College Of Arts And Science, Wandoor) and Mohammed Anas (Chairman, Ambedkar College Of Arts And Science, Wandoor) felicitated the gathering. Inaugural ceremony came to an end with the vote of thanks by Association Secretary Afeefa Sundas. The publishing of Association logo is done by both the Chief guest and College principal. A talk on 'Parametrization of Curves' was delivered by the Chief guest Mr. Abdul Rof V after the ceremony.





Fresher's Party

The purpose of Fresher's Party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. The programme was organized by Second year and Final year BSc Mathematics students of Ambedkar College of arts and science Wandoor for first year BSc Mathematics students. The program started after the talk of Mr. Abdul Rof V in the afternoon.

Senior students arranged many activities for freshers which include cultural events where everyone got chance to showcase their talent. Refreshments were served in between the program.



Mr. Mohammed Shabin & Miss. Bisna Mol were chosen as the Mr. and Miss Fresher, respectively.

The event was finally concluded with Tea and Evening Snacks. This program was coordinated by Ms. Mubashira AK (Second year BSc Mathematics student) and Ms. Janeesha VV (Final year BSc Mathematics student).



National Mathematics Day Celebration

Mathematics club of Ambedkar college of arts and science celebrated mathematics day on 31st December 2019. As the part of celebration, club of mathematics conducted Rubik's cube solving competition and treasure hunt. This event was whole day long and was held in the college auditorium. In this event many students from various departments took part.

Rubik's Cube Solving

The first programme was Rubik's cube solving. It commenced at 10:30 am. Twenty five students from various departments participated in the competition. Mrs Sunaina (Assistant professor on Statistics) and Mr Rinu Shalik (Assistant professor on Mathematics) were the judges of the competition. The time limit to solve the Rubik's cube was 4 minutes. Twenty three participants solved Rubik's cube within the time limit. The winner of the competition was Aamir from first year BA English who solved the Rubik's cube in 66 seconds. Anzil Rahman from second year BA Economics was the runner up of the competition. He solved the Rubik's cube in one minute and six seconds.



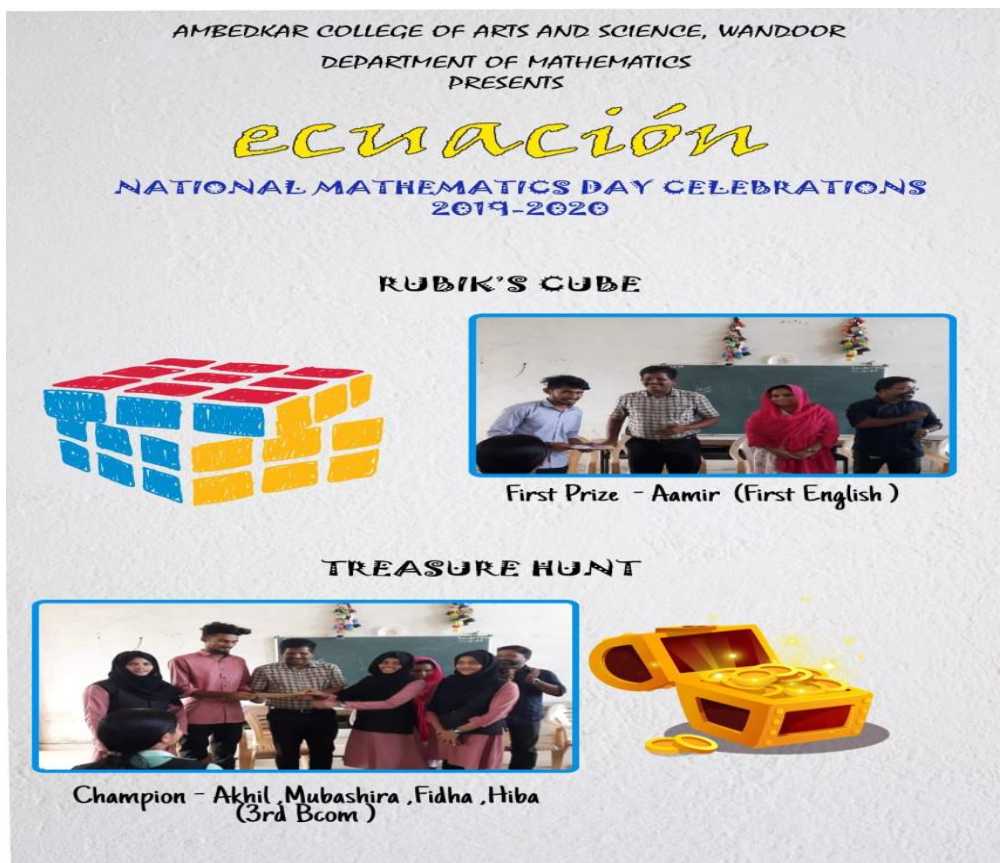
Treasure Hunt

The second programme was treasure hunt. It commenced at 1:30pm and held in the college auditorium. It was a group task. A group of four students could be participated in the competition. Thirty groups from various departments participated in the competition. Treasure hunt had three preliminary levels. In the first level every group solved a puzzle and one participant from each group ran to the ground and imparted that puzzle sheet to the coordinators. Based on

the correct answers and speed of the participants twenty groups were selected to the second levels. In the second level every group faced fifteen general knowledge questions. Ten groups who answered correctly selected for the third level. The third level was memory test. Four groups who got more points were selected for the treasure hunt. All groups competed very well. The group from third year B.Com won the prize. The winners were Akhil Dev , Mubashira, Fidha Salim and Hiba.



The prize distribution for the winners commenced at 3:30pm. The prizes were imparted by Dr. Abdul Nasar VP(Principal,Ambedkar College of Arts and Science, Wandoor).



Career Guidance Class

Date: 13 January 2020

Venue: College Seminar Hall

Attended By: BSc Mathematics Students

Resource Person: Dr Bajeel (Assistant Professor on Mathematics, Sir Syed College Taliparamba)

Content Of The Workshop:

A Career Counselling Workshop was held for BSc Mathematics students of Ambedkar College of arts and Science Wandoor. The first session was about the Scope after BSc Mathematics ,about various courses and Colleges for future studies. The workshop gave an insight about how important it was for students of Mathematics streams to have a back up plan along with aiming for an admission in IIT's and other Central universities. Students were informed about the changes made in examination and pattern of National Level Examinations. The workshop emphasised on the point that there are various opportunities that are now being availed by Mathematics students other than Teaching. Dr Bajeel informed the students that mostly students aim to go into good colleges because they get good peers and also that it influences the way others perceive the individual depending on which college he/she is studying in. He discussed courses like Statistics and various colleges within and outside Kerala that offer this course and the eligibility for pursuing this course. He motivated the students by disseminating information about various fields in Statistics and the top Statistics schools that offer courses. The workshop ended by students asking their queries regarding the choice of subjects and careers after BSc Mathematics.





Computer Laboratory Inauguration

On 6th August of 2019, the lab was formally inaugurated and handed over to the college authorities by Mr. Anil Kumar MLA.



Parents Meeting

