

19-20:

- 1. Programme code (as found in the university syllabus): MATHEMATICS**
- 2. Name of the Programme with date of commencement:**

B.Sc Maths	:	1993-94;
M. Sc Mathematics	:	2012-13
- 3. Year of establishment** : **1993**
- 4. Papers Offered for study:** As per CU syllabus.
- 5. Details of Courses Offered:** B. Sc and M. Sc mathematics

- 6. Number of teachers recognized as research guides : 0**

- 7. Total number of full time teachers : 6**
- 8. Asst prof,** : **6(Smt. Shabna A M, Smt. Sujisha M K, Smt. Najmah A R, Smt. Sophiya S Dharan, Sri. Sajeesh Kumar V K, Smt. Diviya A V)**

Assoct.prof	:	0
With PhD	:	0
With NET	:	6

- 9. Research projects funded by government and non government agencies during the year** : **Nil**

- 10. Detailed report of activities conducted by the department:**
 1. National Seminar on “Linear Algebra and its Applications” during 23-10-2019 to 25-10-2019, Smt Sophiya S Dharan is the Coordinator of the programme. This programme is funded by DCE.
 2. Scholar support Programme(SSP)
 3. Walk with a Scholar(WWS)
- 11. Participation in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year**
 - Academic council/BoS of Affiliating University : Nil
 - Setting of question papers for UG/PG programs : NIL

 - Design and Development of Curriculum for Add on/certificate/Diploma Courses
 - Assessment/evaluation process of the affiliating University : **Nil**

 - Number of teachers participated : NIL
 - Name of the body in which fulltime teacher participated : NIL
 - Total number of teachers : NIL

- 12. Names of the Add on/Certificate programs with 30 or more contact hours: NIL**

- No. of times offered during the same year : NIL
- Total no. of students completing the course in the year : NIL

13. Courses that include experiential learning through project work/ fieldwork/ internship during the year

- Name of the Course : B. Sc and M. Sc (Project Work compulsory)
 - Details of experiential learning through project work/ fieldwork/ internship : Internship at KSOM , kozhikode for first year PG students ---- 10 students.
 - Name of the Programme : B. Sc and M. Sc Mathematics
- Number of students undertaking project work/fieldwork/internships: BSc- 45, Msc- 16

11. How does the dept. assess the learning levels of the students and organize special Programmes for advanced learners and slow learners:

By conducting internal Exams, Seminars, Assignments and conducting Vivas at various levels. Tutorial system is also implemented. Scholar support Programme(SSP) is implemented. Walk with a scholar programme(WWS) for advanced learners.

12. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Assignments, Seminars, Viva , Project work etc are given.

14. ICT enabled tools for effective teaching-learning process used.

Projects done using open typing software LATEX. Computer Science as the complementary subject in the B. Sc programme.

14. Number of fulltime teachers

with Ph.D./D.M./M.Ch./D.N.BSuperspeciality/D.Sc./D.Litt.during the year: 0

15. Number of guest teachers: 2 (Smt. Ruksanath K K, Smt. Jasina Hameed P K)

16. Mechanism of internal assessment of the Dept.

Conducts internal exams at least 3 times in a semester. Assignments of various levels are given to students and time bound submission is instructed. All students are given seminars based on their capacity.

17. Mechanism to deal with internal examination related grievances:

Department has an internal redressal committee headed by HOD. Student can approach the committee directly. Committee will resolve the issue.

18. How does the Dept. evaluate the Programme outcomes and course outcomes and ensure their attainment:

Internal question papers are prepared based on COs in the syllabus.

19. Total number of final year students(UG) who passed the university examination during the year : 39

- Total number of final year students who appeared for the university examination during the year: 45
- Pass percentage : 86.7

M. Sc:

Appeared : 16

passed : 13

Pass Percentage: 81.3

20. Number of workshops/seminars conducted:

Provide details of the following:

1. Name : National Seminar on “Linear Algebra and its applications
National/International : National
Funding Agency : Directorate of collegiate Education
Duration : 23-10-2019 to 25-10-2019
Number of Participants : 89
Amount sanctioned : Rs 75,000/-

22. How many teachers have registered for Ph.D: 1(Najmah A R)

23. If Guide : NIL

24. Number of research papers per teachers in the Journals notified on UGC website during the year: NIL

25. Total number of books and chapters in edited volume/books publishedandpapersinnational/internationalconferenceproceedingsyearwiseduringyear: NIL

26. Extension activities and outreach Programmes conducted with industry, community & Awards and recognition received for extension activities if any:

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- Name of the activity : Outreach Programme
- Name of the scheme : Internship at KSOM, Kozhikode
- Year of the activity : 2019-20
- Number of teachers participating in such activities : 0
- Number of students participating in such activities : 10

27. Collaborative activities for research, Faculty exchange, Student exchange/internship year wise during the year: NIL

28. MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. NIL

29. Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Lifeskills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Lifeskills (Yoga, physical fitness, health and hygiene): NIL

ICT/computing skills : Projects done using mathematics typing software LATEX. Computer Science as the complementary subject in the B. Sc programme.

30. Mechanism for timely redressal of student grievances at the Dept. level:

1. Implementation of guidelines of statutory/regulatory bodies
2. Organization wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

31. Number of placement of outgoing students during the year : NIL

- Name of the employer with contact details
- Number of students placed:

32. Number of students progressing to higher education during the year: 28 (UG 22 + PG 6)

33. Number of students qualifying in state/ national/ international level : examinations JAM/CLAT/NET/ SLET/ GATE/GMAT/CAT/GRE/ TOEFL/Civil Services/State

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government examinations :8 (SET-2, KTET CATEGORY II-2, KTET CATEGORY III-3, CTET-1)

34. Number of students appearing in state/ national/ international level examinations(eg:JAM/CLAT/NET/SLET/GATE/GMAT/CAT,GRE/TOFEL/Civil Services/Stategovernmentexaminations): 8 NET

35. Faculty participation/presentation of papers in Seminars/workshops:

Faculty Name	Name of the course	Duration and Date	Name of the Centre conducting the Course	Sponsoring Agency
Sujisha M K	Linear operators and Spectral Theorem	12-11-19 to 13-11-19	Govt College Kasaragod	Directorate of Collegiate Education
Sujisha M K	Topological Structures	18-11-19 to 19-11-19	PTM Govt. College Perinthalmanna	Directorate of Collegiate Education
Sujisha M K	Three day National Seminar on Linear Algebra and its application	23-10-2019 to 25-10-2019	Govt. College Mokeri	Directorate of Collegiate Education
Sujisha M K	Graph Theory & its Application	21-01-20 to 22-01-20	Baby John Memorial Govt. College Chavara	Directorate of Collegiate Education
Najmah A R	MESMAC International Conference on ‘Applying Theory:Paradigms,Practices Faultlines’	16 Jan 2020	MES Mampad College	Own Fund
Najmah A R	National Seminar on ‘Mathematical Research on Education and Industries’	17 Jan 2020	Sir Syed College Taliparamba	Own Fund
Najmah A R	Three day National Seminar on Linear Algebra and its application	23-10-2019 to 25-10-2019	Govt. College Mokeri	Directorate of Collegiate Education
Sophia S Dharan	Two day National Seminar on Harmonic Analysis	22-11-2019 to 23-11-2019	Dept.Of Mathematics, Govt. Brennen College	DCE, Kerala
Sophia S	Three day National Seminar on Linear	23-10-2019 to	Dept. Of Mathematics,	DCE, Kerala

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Dharan	Algebra and its applications	25-10-2019	Govt. College Mokeri	
Sajeesh Kumar V K	Seven day Pedagogical Training for Mathematical Teachers(PTMT)	06-04-2019 to 12-04-2019	Govt. College,Chittur	Dept.of Atomic Energy, Govt. Of India
Sajeesh Kumar V K	Three day National Seminar on Linear Algebra and its application	23-10-2019 to 25-10-2019	Govt. College Mokeri	Directorate of Collegiate Education
Sajeesh Kumar V K	Workshop on Latex and Python	09-01-2020 to 10-01-2020	Govt. Arts and Science College Kattappana	Directorate of Collegiate Education
Sajeesh Kumar V K	Seminar on Graph Theory and its Application	21-01-2020 to 22-01-2020	Baby John Memorial Govt. College Chavara	Directorate of Collegiate Education
Diviya A V	Training on Pedagogy & Psychology for teaching staff of collegiate Education Dept.	11-11-2019 to 13-11-2019	IMG Regional center Kozhikode	IMG Kozhikode
Diviya A V	Workshop on Master mentor training programme of Walk with a scholar.	19-09-2019	Malabar Christian College, Kozhikode	Directorate of Collegiate Education, Government of Kerala.
Diviya A V	Young Innovator's Programme-facilitators Workshop on "Design for Kerala"	30-01-2020 to 31-01-2020	Hotel Paramount Tower,Calicut.	ICT Academy of Kerala in association with K-DISC.

36. Faculty participation in Refresher/Orientation/Short term courses:

Sl.No	Faculty Name	Period of the course	Name of Course	No.of Days	Conducting Authority
1	Sujisha M K	17-09-2019- to 30-09-2019	Refresher Course	14 days	UGC,HRDC,Kerala University
2	Sajeesh Kumar V K	10-02-20 to 29-02-20	Orientation Programme	21 days	UGC-HRDC, University of Calicut