

**18-19:**

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

<b>B.Sc Maths</b>	<b>:</b>	<b>1993-94;</b>
<b>M. Sc Mathematics</b>	<b>:</b>	<b>2012-13</b>
- 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(Smt. Shabna AM, Smt. Sujisha MK, Smt. Najmah AR, Sri. Sajeesh Kumar VK, Sophia S Dharan, Sri. Abdul Khayoom)**

<b>Asst prof,</b>	<b>:</b>	<b>6</b>
<b>Assoct.prof</b>	<b>:</b>	<b>0</b>
<b>With PhD</b>	<b>:</b>	<b>0</b>
<b>With NET</b>	<b>:</b>	<b>6</b>
- 8. Research projects funded by government and non government agencies during the year** : **Nil**
- 9. Detailed report of activities conducted by the department**
  - 1. PTA meeting for UG and PG**
  - 2. Pi day celebration**
  - 3. National Mathematics day celebration.**
- 10. 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 :
    1. Ms. Sophiya S Dharan prepared Q.P for first semester UG examination  
St. Joseph's College Devagiri (Autonomous)
  - 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**
  - 1. Names of the Add on/Certificate programs with 30 or more contact hours**

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

**2. 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 : Project work in new innovative areas of Mathematics
- Name of the Programme : B. Sc and M. Sc Mathematics
- Number of students undertaking project work/fieldwork/internships: UG and PG

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

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

*13. ICT enabled tools for effective teaching-learning process used.*

*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: 3 (Sri. Ajeesh T T, Smt. Megha K P, Smt. Rasila K M).*

*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. Course exit survey is also conducted to know the effectiveness of the course.

19. Total number of final year students(UG) who passed the university examination during the year : 32

- Total number of final year students who appeared for the university examination during the year: 40
- Pass percentage : 80

M. Sc:

Appeared : 18

Passed : 16

Pass Percentage: 88.9

20. Number of workshops/seminars conducted:

Provide details of the following:

1. Name : Two day national seminar on “Topology and its applications”  
National/International : National  
Funding Agency : Directorate of collegiate Education  
Duration : 01-11-2018 to 02-11-2018  
Number of Participants :  
Amount sanctioned : 60000

22. How many teachers have registered for Ph.D: Nil

23. If Guide : NIL

24. Number of research papers per teachers in the Journals notified on UGC website during the year:1(M Mohammed Abdul Khayyoom)

*M Mohammed Abdul Khayyoom and P.Arul Paul Sudhahar. Edge Detour monophonic Domination Number of a Graph .International Journal of Pure and Applied Mathematics, Volume120 No.7,195-203,(2018)*

25. Total number of books and chapters in edited volume/books published and papers in national/ international conference proceedings year wise during year

:Nil

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

**A**

- Name of the activity :
- Name of the scheme :
- Year of the activity :
- Number of teachers participating in such activities :
- Number of students participating in such activities :

**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*

- Name of the capacity building and skills enhancement initiatives
- Year of implementation
- Number of students enrolled
- Name of the agencies involved with contact details

**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

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

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

**32. Number of students progressing to higher education during the year:17 (UG 17)**

**33. Number of students qualifying in state/ national/ international level : examinations**

JAM/CLAT/NET/ SLET/ GATE/GMAT/CAT/GRE/ TOEFL/Civil Services/State government examinations: 14 (SET-2, K-TET CATEGORY II-5, K-TET CATEGORY III-5, C-TET-2) :

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

**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
Shabna A M	Refresher Course for College Teachers in Kerala State – Finite Group Representations	06-09-2018 to 09-09-2018	Kerala School of Mathematics	KSCSTE
	Two day seminar on Topology and its application	01-11-2018 to 02-11-2018	Govt. College Mokeri	Directorate of Collegiate Education
Najmah A R	National Seinar on ‘Recent Developments in Graph Theory and Its Applications’	2 days, 22-10-2018, 23-10-2018	Government Arts and Science College Kondotty	Directorate of Collegiate Education
	National Seinar on ‘Recent Trends in Matheats’	2 days, 30-10-2018, 31-10-2018	Government College Madappalli	Directorate of Collegiate Education
	Two day seminar on Topology and its application	01-11-2018 to 02-11-2018	Govt. College Mokeri	Directorate of Collegiate Education
Sophia S Dharan	Two day seminar on Algebra and Analysis	10-12-2018 to 11-12-2018	Dept. Of Mathematics, MMS Govt. Arts and Science College, Malayinkeezhu	DCE, Kerala

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	<b>Two day National Seminar on Topology and its application</b>	<b>01-11-2018 to 02-11-2018</b>	<b>Dept. Of Mathematics, Govt. College Mokeri</b>	<b>DCE, Kerala</b>
	<b>Training – Capacity building programme for Asst. Professors in Collegiate Education Department</b>	<b>31-01-2019 to 02-02-2019</b>	<b>IMG Regional Centre, Kozhikode</b>	<b>IMG Kozhikode</b>
	<b>Refresher Course for College Teachers on Unitary Group Representations</b>	<b>21-02-2019 to 24-02-2019</b>	<b>KSOM Kozhikode</b>	<b>KSOM Kozhikode, KSCSTE</b>
<b>Sajeesh Kumar V K</b>	<b>Five day workshop on Computational techniques in Statistics and Economics</b>	<b>24-10-2018 to 28-10-2018</b>	<b>Govt. Arts and Science College Meenchanda</b>	<b>Directorate of Collegiate Education</b>
	<b>Two day seminar on Topology and its application</b>	<b>01-11-2018 to 02-11-2018</b>	<b>Govt. College Mokeri</b>	<b>Directorate of Collegiate Education</b>
	<b>District level workshop for internal mentors of Scholar Support Programme</b>	<b>09-11-2018</b>	<b>Govt. Arts and Science College Meenchanda</b>	<b>Directorate of Collegiate Education</b>
	<b>Workshop on Geogebra and Python</b>	<b>04-01-2019 to 05-01-2019</b>	<b>Govt. Arts and Science College Kattappana</b>	<b>Directorate of Collegiate Education</b>
	<b>Training – Capacity building programme for Asst. Professors in Collegiate Education Department</b>	<b>25-02-2019 to 27-02-2019</b>	<b>IMG Regional Centre, Kozhikode</b>	<b>IMG Kozhikode</b>
	<b>One day workshop on</b>	<b>23-03-2019</b>	<b>University of Calicut, EMS Seminar</b>	<b>Mahatma Gandhi</b>

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	<b>“Rural Community Engagement”</b>		<b>Complex</b>	<b>National Council of Rural Education, Hyderabad</b>
<b>Mohammed Abdul Khayoom M</b>	<b>National Seminar in Recent Trends in Mathematics</b>	<b>30-10-2018 to 31-10-2018</b>	<b>Govt.College Madappally</b>	<b>Directorate of Collegiate Education</b>
	<b>National Workshop on Computational Mathematics and Statistics</b>	<b>22-10-2018 to 25-10-2018</b>	<b>Govt. Victoria College Palakkad</b>	<b>Directorate of Collegiate Education</b>
	<b>Training programme for Faculty in Charge of North Zone Bhoomitrasena club</b>	<b>26-07-2018 to 27-07-2018</b>	<b>MS Swaminathen Research Foundation Wayanad,</b>	<b>Department of Higher Education, Govt. of Kerala</b>
	<b>Workshop on Pedagogy</b>	<b>11-05-2018</b>	<b>IMG Kozhikode</b>	<b>Collegiate Education Govt. of Kerala</b>
	<b>A Paper presented in “Recent careers in Mathematics</b>	<b>25-02-2019</b>	<b>PSMO College Thirurangadi, Kerala</b>	
	<b>A Paper Presented in “Career Orientation Programme”</b>	<b>31-01-2019</b>	<b>Govt.College Madappally, Kozhikode</b>	
	<b>A Paper titled “How to love Mathematics” presented in “National Seminar on Mathematics”</b>	<b>22-11-2018</b>	<b>Tunchen Memorial Govt. College. Tirur</b>	

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

<b>Sl.No</b>	<b>Faculty Name</b>	<b>Period of the course</b>	<b>Name of Course</b>	<b>No. of Days</b>	<b>Conducting Authority</b>
<b>1</b>	<b>Shabna A M</b>	<b>16-01-2019 to 25-01-2019</b>	<b>Faculty Development 16-01-</b>	<b>10 days</b>	<b>IIT Madras and Dept. Of Higher</b>

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			<b>Programme-FLAIR</b>		<b>Education, Govt. Of Kerala</b>
<b>2</b>	<b>Najmah A R</b>	<b>16-01-2019 to 25-01-2019</b>	<b>Faculty Development 16-01-Programme-FLAIR</b>	<b>10 days</b>	<b>IIT Madras and Dept. Of Higher Education, Govt. Of Kerala</b>
<b>3</b>	<b>Mohammed Abdul Khayoom M</b>	<b>04-09-2018 to 05-10-2018</b>	<b>Induction Training Programme</b>	<b>One Month</b>	<b>PMMMNMTE Central University of Calicut ,Kozhikode</b>