



MARIAN COLLEGE KUTTIKANAM
(AUTONOMOUS)

CURRICULUM DEVELOPMENT EFFORTS OF DEPARTMENT OF COMPUTER APPLICATIONS



Submitted to
THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
FOURTH CYCLE OF ASSESSMENT



CURRICULUM DEVELOPMENT EFFORTS

1. List of institutions visited in connection with curriculum development

No	Name of the institution	Major activities during the visit	Outcome of the visit
01	Bharathiyar University	Discussion with the HOD and staff of Department of COmputer Applications, about syllabus preparation and in detail about the Data Science Stream	The programme started to offer a new stream named Data Science
02	Hindustan university	Discussion with the HOD and staff of Department of COmputer Applications, about syllabus preparation and in detail about the Data Science Stream	Revisited and revised syllabus of courses offered under Data Science stream.

2. List of Academic experts consulted

No	Name and official address of the Expert	Area of consultation	Courses designed through this consultation
01	Prof Dr Sasikumaran Sreedharan, Chairman& MD AACHA Global	Computer Engineeering	IOT, Mobile Application Development
02	Dr Vijayakumar, MG University	Computer Science	Data Science, Big Data Analytics
03	Dr Satheesh Kumar, Kerala University	Statistics	Big Data Analytics
04	Dr Ramesh Kumar, Kerala University	Networking	Storage and Data Center Management, Cloud Computing
05	Dr Sunil Job, MG University	Statistics and Mathematics	Mathematical Foundations



			fo Computer Science, Operations Research
06	Dr V Bhuvaneshwari, Bharathiyar University	Data Science	Introduction to Data Science, Big Data Analytics
07	Dr Rajeshwary Mukesh, Hindustan University	Data Science	Programming in R, Machine Learning
08	Dr Jayasankaran, former VC, Kanchi University	Management	Digital Media Marketing
09	Dr Sajimon Abraham, MG University	Data Mining	Data Science, Big Data Analytics, R programming

3. List of industries consulted for curriculum development

No	Name and official address of the Expert from industry	Area of consultation	Courses designed through this consultation
01	R Narayanan, Former vice President TCS	Computer Science	Mobile Application Development, Python Programming
02	Mr Sreenivasaprasad, Former Manager IT Services, IBM	Networking	Cloud Computing, Storage and Data Center Management
03	Mr. Winny M Thomas - Lead Researcher	Machine Learning	Machine Learning, Artificial Intelligence
04	Mr Grega Bremec, Technical Manager and Open Shift expert, Slovakia	Networking	Network and System Administration, Cloud Computing, Storage and Data Center Management



CONSTITUTION OF BOARD OF STUDIES

PG DEPARTMENT OF COMPUTER APPLICATIONS

Members 2016-17

No	Name	Designation and official Address
01	Dr Mendus Jacob	Chairman Director, P G Department of Computer Applications, Marian College, Kuttikkanam mcadirector@mariancollege.org, +91 944 705 3716
02	Dr Rajimol A	Member Vice Principal, Marian College, Kuttikkanam rajimol.a@mariancollege.org, +91 944 709 2562
03	Dr Binu Thomas	Member Asst Professor, Marian College, Kuttikkanam binu.thomas@mariancollege.org, +91 944 684 5140
04	Dr P T Joseph	Member Director, Marian International Institute of Management, Kuttikkanam director@miim.in
05	Dr Jojo K Joseph	Member, Vice Principal, Marian College, Kuttikkanam jojo.joseph@mariancollege.org, +91 944 766 1749
06	Dr Sajimon Abraham	Member Director, University Centre for International Co-operation (UCIC), MG University Kottayam sajimabraham@rediffmail.com, +91 944 622 4240
07	Mr Winny M Thomas	Member Vulnerability Researcher, FIRE-EYE, Bangalore winnymthomas@yaho.com, +91 988 056 6580
08	Dr Saji Gopinath	Subject Expert Dean (Academics), IIMK, Calicut, saji@iimk.ac.in, +91 495 280 9421
09	Dr R Vijayakumar	Subject Expert Professor (Director in Charge), School of Computer Science, MG University Kottayam vijayakumar@mgu.ac.in



10	Dr Srenivasa Prasad	Representative from Industry IT Consultant, Forum of Learning initiatives for placement (FELIP), ESCI Engineering Staff College of India srenivasprasad@gmail.com, +91 800 863 9338
11	Mr R Narayanan	Representative from Corporate Sector Former VP of Corporate Learning and Development Tata Consultancy Services
12	Mr Sijo Thomas	Meritorious Alumnus Asst Professor Marian College, Kuttikkanam sijo.thomas@mariancollege.org, +91 854 712 6800

Members 2017-18

No	Name	Designation and official Address
01	Dr Mendus Jacob	Chairman Director, P G Department of Computer Applications, Marian College, Kuttikkanam mcadirector@mariancollege.org, +91 944 705 3716
02	Dr Rajimol A	Member Vice Principal, Marian College, Kuttikkanam rajimol.a@mariancollege.org, +91 944 709 2562
03	Dr Binu Thomas	Member Asst Professor, Marian College, Kuttikkanam binu.thomas@mariancollege.org, +91 944 684 5140
04	Dr P T Joseph	Member Director, Marian International Institute of Management, Kuttikkanam director@miim.in
05	Dr Jojo K Joseph	Member, Vice Principal, Marian College, Kuttikkanam jojo.joseph@mariancollege.org, +91 944 766 1749
06	Dr Sajimon Abraham	Member Director, University Centre for International Co-operation (UCIC), MG University Kottayam sajimabraham@rediffmail.com, +91 944 622 4240
07	Mr Winny M Thomas	Member Vulnerability Researcher, FIRE-EYE, Bangalore winnymthomas@yahoo.com, +91 988 056 6580



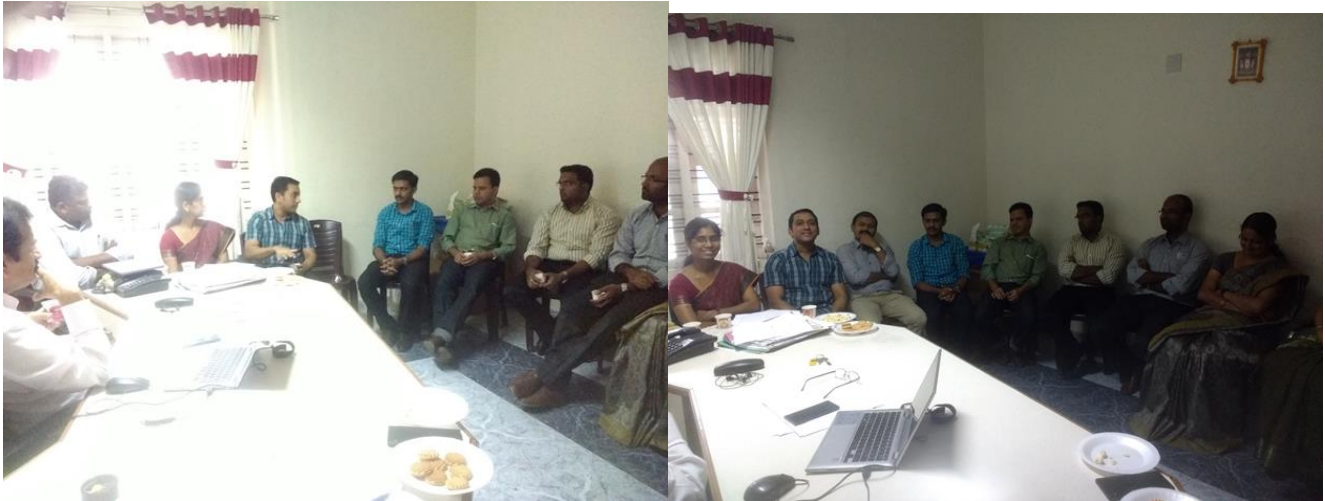
08	Dr Saji Gopinath	Subject Expert Dean (Academics), IIMK, Calicut, saji@iimk.ac.in, +91 495 280 9421
09	Dr R Vijayakumar	Subject Expert Professor (Director in Charge), School of Computer Science, MG University Kottayam vijayakumar@mgu.ac.in
10	Dr Srenivasa Prasad	Representative from Industry IT Consultant, Forum of Learning initiatives for placement (FELIP), ESCI Engineering Staff College of India srenivasprasad@gmail.com, +91 800 863 9338
11	Mr R Narayanan	Representative from Corporate Sector Former VP of Corporate Learning and Development Tata Consultancy Services
12	Mr Sijo Thomas	Meritorious Alumnus Asst Professor Marian College, Kuttikkanam sijo.thomas@mariancollege.org, +91 854 712 6800

BOS Meeting on 2017 Dec19





BOS Meeting on 2018 Feb 27





CONSTITUTION OF BOARD OF STUDIES

UG DEPARTMENT OF COMPUTER APPLICATIONS

Members 2016-18

Sl no	Category of Selection	Name	Academic Qualifications	Address for communication (e-mail & mobile no)
01	Chairperson	Dr. Rajimol A Associate Professor & Head,	MCA, PhD	Associate Professor & Head, Department of Computer Applications (UG), Marian College, Kuttikkanam–686531 rajimol.a@mariancollege.org +91 9447092562
02	Nominees of Principal	Dr. Raju G Associate Professor & Head	MCA, MTech, MPhil, PhD	Associate Professor & Head, Department of Information Science and Technology, Kannur University, Mangattuparamba Campus, Kannur kurupgraju@gmail.com +91 9446106628
03		Dr. Mendus Jacob Director	MSc, MPhil, PhD, MIOd	Director, Department of Computer Applications(PG), Marian College, Kuttikkanam-685531 mcadirector@mariancollege.org +91 9447053716
04		Dr. Sajimon M Abraham Associate Professor	MSc, MCA, MBA, PhD	Associate Professor, School of Management Studies, Mahatma Gandhi University, Kottayam- 686560 sajimabraham@rediffmail.com +91 9446224240
05		Dr. Sabu M K,	MCA, B Ed, PhD	Associate Professor & Head, Department of Computer Applications, M E S College, Marampally sabu.m.k@mesmarampally



		Associate Professor & Head		+91 9446128197
06		Dr. Binu Thomas Assistant Professor	MCA, PhD	Assistant Professor, Department of Computer Applications (UG), Marian College, Kuttikkanam binuthomas@mariancollege.org +91 9446845140
07		Dr. Sr. Flower Kommattam Professor		Professor, Department of English, Marian College, Kuttikkanam sr.flower@mariancollege.org
08	Subject Experts from outside	Dr. Gladston Raj S Assistant Professor &Head	PhD, MTech, MSc, PGDCH	Assistant Professor &Head, Department of Computer Science, Govt. College, Nedumangadu, Trivandrum – 695541 gladston@rediffmail.com +91 9447388887
09		Dr. Madhu S. Nair Assistant Professor	MCA, MTech, PhD	Assistant Professor Department of Computer Science University of Kerala, Kariavattom Thiruvananthapuram –695581, Kerala,India madhu@keralauniversity.ac.in +91 9747364158
10	Nominee of Vice- Chancellor			
11	Representative from industry	Dr. Srenivasa Prasad, IT Consultant	BTech, MIT	IT Consultant, Forum of Learning Initiatives for Placement (FELIP), Engineering Staff College of India(ESCI). srenivasaprasad@gmail.com 8008639338



12	Representative from Corporate sector	Mr. Winny M Thomas, Vulnerability Researcher	BTech	fire-eye, Bangalore. winnymthomas@yahoo.com 9880566580
13	Meritorious Alumnus (who has completed a post-graduation programme of the university)	Sr Italia Joseph Maria Assistant Professor	MCA, MTech, RHCE.	Assistant Professor, Department of Computer Applications (PG), Marian College, Kuttikkanam.

Members 2018-20

Sl. No	Category of Selection	Name & Designation	Academic Qualifications	Official address for communication with Phone No. email id.
01	Chairperson	Dr.Rajimol A Associate Professor & Head,	MCA, PhD	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 rajimol.a@mariancollege.org +91 9447092562
02	Faculty of Computer Application	Dr.Binu Thomas Assistant Professor	MCA, PhD	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 binu.thomas@mariancollege.org +91 9446845140



03		Ms Amruth K John Assistant Professor	M.Sc, M.Phil	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 amruth.john@mariancollege.org +91 9447812289
04		Ms Lumy Joseph Assistant Professor	MCA, M.Phil	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 lumy.joseph@mariancollege.org +91 944673687
05		Ms Benymol Jose Assistant Professor	M.Sc, M.Phil	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 benymol.jose@mariancollege.org +91 9995237344
06		Ms Juby George Assistant Professor	MCA, M.Phil	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 juby.george@mariancollege.org +91 9447902092
07		Mr. Santo Cherian Assistant Professor	MCA, MTech	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 santo.cherian@mariancollege.org +91 9447368136
08		Ms. Jyothi Jose Assistant Professor	MCA	Department of Computer Applications (UG), Marian College, Kuttikkanam– 686531 jyothi.jose@mariancollege.org +91 9902827268
09	Faculty of Mathematics	Mr. Sabu Augustine Associate Professor	M.Sc., MPhil	Department of Mathematics , Marian College, Kuttikkanam– 686531 sabu.augustine@mariancollege.org



				+91 9496321092
10	Faculty of Statistics	Ms. Meenu P Thomas	M.Sc	Department of Statistics, Marian College, Kuttikkanam– 686531 santo.cherian@mariancollege.org 9995755043
11	Faculty of English	Mr. Siju P.T Assistant Professor	MA	Department of English , Marian College, Kuttikkanam– 686531 siju.pt@mariancollege.org +91 8075573922
12	Subject Expert from Outside	Dr Raju G Associate Professor & Head	MCA, MTech, MPhil, PhD	Associate Professor & Head, Department of Information Science and Technology, Kannur University, Mangattuparamba Campus, Kannur kurupgraju@gmail.com +91 9446106628
13		Dr. Gladston Raj S Assistant Professor & Head	PhD, MTech, MSc, PGDCH	Assistant Professor &Head, Department of Computer Science, Govt. College, Nedumangadu, Trivandrum – 695541 gladston@rediffmail.com +91 9447388887
14	Expert to be nominated by the Vice-Chancellor			
15	Representative from Industry	Dr. Srenivasa Prasad, IT Consultant	B.Tech, MIT	srenivasaprasad@gmail.com 8008639338



16	Meritorious Alumnus <i>(who has completed a post- graduation programme of the university)</i>	Mr. Thomas P Philip Senior Manager	MCA	Senior Manager , IT Business Consulting, Dell International Services India Pvt. Ltd., Divyashree Greens, No. 12/1,12/2A, 13/1A, Domlur Post, Koramangala Inner Ring Road, Bengaluru – 560071, Thomas_Philip@Dell.com Thomas.Philip@Dell.com
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