Mandatory Disclosure

Mandatory Disclosure   updated on 04/04/2023

AICTE File No.	1-38683044005
Date & Period of last approval	03-Jun-2022, Academic Year 2022-23
Name of the Institution	School of Technology and Applied Sciences
Address of the Institution	Pullarikkunnu, Malloosserry P.O.,
City & Pin Code	KOTTAYAM - 686 041
State / UT	KERALA
Longitude & Latitude	
Phone number with STD code	0481-2392928
FAX number with STD code	0481-2392928
Office hours at the Institution	9 AM TO 4 PM
Academic hours at	9 AM TO 4 PM
Email	stasmguktm@gmail.com
Website	www.stasktm.cpas.ac.in
Nearest Railway Station(dist in Km)	Kottayam, 5KM
Nearest Airport (dist in Km)	Cochin, 87.3 KM
Type of Institution	Government
Private-Self Financed	No
Category (1) of the Institution	Non Minority
Category (2) of the Institution	Co-Ed.
Name of the organization running the Institution	Center for Professional and Advanced Studies, Established by Government of Kerala
Type of the organization	NA
Address of the organization	H.O: School of Medical Education(Annex), Arpookara, Gandhinagar, Kottayam
Registered with	Govt.of Kerala
Registration date	20-05-2017
Website of the organization	www.cpas.ac.in
Name of the affiliating University / Board	MAHATMA GANDHI UNIVERSITY, KOTTAYAM
Address	PRIYADARSINI HILLS P O, KOTTAYAM
Website	www.mgu.ac.in

Latest affiliation period	2022-2023
Name of Principal / Director	Dr. Bindu M.S
Exact Designation	Principal
Phone number with STD code	0481-2392928
FAX number with STD code	0481-2392928
Email	binduaisoo52@gmail.com
Highest Degree	Ph.D.
Field of specialization	Artificial Intelligence
Governing Board Members	1.Smt. Ishita Roy IAS, Principal Secretary to Government 2.Secretary to Government Higher Education Department 3.Secretary to Government Health & Family Welfare Department 4.Secretary to Govt. Finance Department 5.Adv. Reji Zachariah,Syndicate Member,MG University 6.Prof. K. Mohankumar 7.Prof. A. Rajalakshmi,Assistant Professor,Govt.college,Nattakom 8.Prof. B. Salim Kumar,Asso.Prof.(Rtd)SN College,Maliayankara 9.Director of Medical Education,Trivandrum Medical College 10.Mr. Harikrishnan P., Director, CPAS, Kottayam
Frequency of meetings & date of last meeting	Twice in a week 31.03.2023
Student feedback mechanism on Institutional Governance/faculty performance	The frequent evaluations of instruction, as well as the general performance of the institution, by students, indicate that the instructional level as well as the infrastructural and laboratory facilities has been estimated to be of very high quality as a whole. There have also been a few suggestions from the students and parents, for which proper corrective / improvement measures are being taken, for obtaining real excellence. The students, however, had also expressed earlier some inadequacy on the part of the institution in promoting the extra-curricular activities. Remedial measures are being carried out to compensate for this deficiency also to ensure that excellent facilities will be established in full, very shortly.
Grievance redressal mechanism for faculty, staff and students	A very transparent system to represent the grievance, is followed. The case can be presented in the General meetings periodically held or in those held specifically for such purpose. Students can represent their individual cases through staff advisors or through the student association to the higher authorities or the proctorial committee / Grievance Redressal Body formed specifically for this purpose. These systems function effectively.
Name of the Department	Computer Science
Course	MCA
Level	PG
Year wise sanctioned intake	2022-23->30 2021-22->30 2020-21->30

Year wise actual admissions	2022-23 25	2021-22 26	2020-21 27
Cut off marks – General quota	50	50	50

% Students passed with Distinction	NA	Final Year	5
% Students passed with First Class	NA	Final Year	15
Students Placed	NA	Final Year	15

Doctoral Courses	No
Departmental Achievements	High placement, High pass percentage and distinction in University exams First rank obtained in MG University exam 2020-2021
Distinguished Alumni	Prasad B (England), Amjems Netto (Thiruvanaqnthapuram) Ranjith Madusudanan (Cochi)

FACULTY PROFILE

Name: Dr. Bindu M.S.
Designation: Principal
Dept/ Specialization: Computer Science
Phone: 9447063153
E Mail: binduaisoo52@gmail.com
Academic Qualifications: *(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
Ph.D.	Cochin University	Faculty of Technology in Computer Science	2013
M.E.	Bharathiar University	Applied Electronics	1988
B.Tech.	Kerala University	Electrical & Electronics	1986

Experience: *(Latest onwards)*

Institution/Organization	Designation	Tenure
School of Technology & Applied Sciences	Principal	1998 to till date
Manipal Institute of Technology	Reader	August 1993-1998
	Lecturer in Computer Science & Engg.	July 1988 – July1993
Tamil Nadu College of Engg.	Lecturer in Instrumentation & Contol	January 1988 – July 1988

Professional affiliations: Nil

Areas of interest, expertise and research: Artificial Intelligence

Conference presentations:

1. Bindu.M.S, Sumam Mary Idicula, "Analysis of Malayalam Compound Words and Implementation of a Compound Word Splitter Tool Using Finite State Models", International Conference on Modeling and Simulation (MS 09) India 1-3 Dec 2009.Organised by CET,Trivandrum and AMSE, France.

2. Bindu.M.S, Sumam Mary Idicula, " Experimental Analysis of N-gram and Vector Space Language Models and Development of a Hybrid Model for Malayalam Document Representation", International Conference on Modeling and Simulation (MS 09)India 1-3 Dec 2009.

3. Bindu.M.S, Sumam Mary Idicula,"Malayalam Text Classification Using an Enhanced N-gram Based Vector Space Model for Health Applications", The third International Conference on Semantic E-Business and Enterprise Computing,15-17 September, 2010. Organised by AJCE, Kanjirappally and Kingston University,UK.

4. Bindu.M.S, Sumam Mary Idicula,"Compound Word Generation and Analysis in Malayalam for the Purpose of Information Retrieval", A National Conference on Computer Science and Information Technology" ,25-26 November 2009. Organized by University of Calicut and NIMIT (**Best Paper Award**)

Name: Dr. **SANU THOMAS**
Designation: Associate Professor
Dept/ Specialization: Computer Science
Phone: 9447212567
E Mail: thomas.sanu@gmail.com

Academic Qualifications:*(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
M.Tech.	SJCE, Mysore University of Mysore	Computer Engineering	1997
B.E.	JNNCE, Shimoga University of Mysore	Electronics & Communication	1992
Ph.D	M.G.University	Wireless Sensor Networks	2021

Experience:*(Latest onwards)*

Institution/Organization	Designation	Tenure
STAS, CPAS	Associate Professor	7 Months
STAS,MGU	Selection Grade Lecturer	9 Years
STAS,MGU	Senior Lecturer	7 Years
STAS,MGU	Lecturer	5 Years

Professional affiliations: ISTA Life Time Member

Areas of interest, expertise and research: Wireless Sensor Networks

Research Publications:International Journals

1. SanuThomas, Thomaskutty Mathew, "Lossless address data compression using quadtreeclustering of the sensors in a grid based WSN," Elsevier - Ad Hoc Networks, vol. 56, March 2017. pp. 84-95. Doi: 10.1016/ j.adhoc.2016.11.015. https://www.journals.elsevier.com/ad-hoc-networks. Impact Factor: 3.151.

2. SanuThomas, Thomaskutty Mathew, "Minimum Bend Shortest Rectilinear Route Discovery for a Moving Sink in a Grid Based Wireless Sensor Network," International Journal of Electronics and Telecommunications (IJET), Poland, vol.65, no.2, pp.267-276,2019. DOI:10.24425/ijet.2019.126311. SCOPUS indexed. http://www. ijet.pl/index.php/ijet

3. SanuThomas, Thomaskutty Mathew, "Congestion Bottleneck Avoid Routing in Wireless Sensor Networks," International Journal of Electrical and Computer Engineering (IJECE). vol. 9, No. 6, ,pp. 4804~4814, DOI: 10.11591/ijece.v9i6.https://www.iaescore.com/journals/index.php/*IJECE,* SCOPUSindexed .(Scheduled for publication inDecember, 2019)

Conference Presentations:

1.Sanu Thomas and Thomaskutty Mathew, "Cluster head placement in Wireless Sensor Network for reliable connectivity and lifetime extension," IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, pp. 1233-1239,2017.Doi: 10.1109/WiSPNET.2017.8299960. https://ieeexplore.ieee.org/abstract/document/8299960

2. Sanu Thomas and Thomaskutty Mathew**, "**Congestion Control in Wireless Sensor Network Using Innovative Modification to the Increase Decrease Algorithm."Springer International Conference on Wireless Communication(ICWiCom), Mumbai, Lecture Notes on Data Engineering and Communications Technologies, vol 19.Springer, Singapore.pp. 3-11, 2017. Doi:org/10.1007/978-981-10-8339-6_1.https://link.springer.com/chapter/10.1007/978-981-10-8339-61

3. Sanu Thomas and Thomaskutty Mathew**, "**In-network Data Compression in Wireless Sensor Networks Using Distributed Block Truncation Coding," IEEE Second International Conference on Advances in Electronics, Computers and Communications (ICAECC), Bangalore, pp. 1-7. Doi: 10.1109/ICAECC.2018.8479478, 2018. https://ieeexplore.ieee.org/document/8479478

4. Sanu Thomas and Thomaskutty Mathew**, "**Minimum Shared-Link-Count Forwarding for Alleviating Congestion in Wireless Sensor Networks," Springer International Conference on Engineering Vibration, Communication and Information Processing (ICoEVCI), Jaipur, Lecture Notes in Electrical Engineering book series (LNEE), volume 478, pp.423-440, 2018.Doi: 10.1007/978-981-13-1642-5_38. https://link.springer.com/chapter/10.1007/978-981-13-1642-5_38

5 Sanu Thomas and Thomaskutty Mathew**,** "Intelligent Path Discovery for a Mobile Sink in Wireless Sensor Network," International Conference on Advances in Computing and Communications (ICACC), Kochi, Elsvier - Procedia Computer Science, Volume 143, pp. 749-756, 2018. Doi: 10.1016/j.procs.2018.10.430. https://www.sciencedirect.com/science/article/pii/S1877050918321288.

Citations :

1. The paper "Lossless address data compression using quadtree clustering of the sensors in a grid based WSN", Ad Hoc Networks, vol. 56, pp. 84-95, 2017.SanuThomas, ThomaskuttyMathew, is referred as [11] in the paper entitled "Two Improved Color Images Compression Systems," A. A. El-Harby, Asian Journal of Applied Sciences, Volume 05, - Issue 05, pp. 1001-1008,October, 2017.
https://www.ajouronline.com/index.php/AJAS/article/view/4979.

2. The paper "Lossless address data compression using quadtree clustering of the sensors in a grid based WSN", Ad Hoc Networks, vol. 56, pp. 84-95, 2017. SanuThomas, ThomaskuttyMathew, is referred as [22] in the Paper entitled "Energy Aware and Trust Based Cluster Head Selection for Ad-hoc Sensor Networks.," Networks.Zhe Wei and Shuyan Yu, International Journal of Network Security, Volume 20, - Issue 03, pp. 496-501, May 2018. Doi: 10.6633/IJNS.201805.20(3).12 http://ijns.femto.com.tw/contents/ijns-v20-n3/ijns-2018-v20-n3-p496-501.pdf

3. The paper "Lossless address data compression using quadtree clustering of the sensors in a grid based WSN", Ad Hoc Networks, vol. 56, pp. 84-95, 2017. SanuThomas, ThomaskuttyMathew, is referred as [33] in the paper entitled "Energy-Efficient Spatial Query-Centric Geographic Routing Protocol in Wireless Sensor Networks"Xing Wang, Xuejun Liu, Meizhen Wang, YunfengNie and YuxiaBian, Sensors, 19(10), 2363. Doi:10.3390/s19102363 https://www.mdpi.com/1424-8220/19/10/2363/htm.

Name**: Jisha Mary George**
Designation: Assistant Professor
Dept/ Specialization:Electronics
Phone: 9495674270
E Mail: jishamarygeorge80@gmail.com

Academic Qualifications: *(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
M.Sc	Bharathidasan University	Electronics	2003 April
B.Sc	M.G University	Electronics	2001 June

Experience: *(Latest onwards)*

Institution/Organization	Designation	Tenure
STAS	Lecturer	13 Yrs
BCM College ,Kottayam	Lecurer	4 months
STAS	Guest Lecturer	2 Yrs

Name: **MANJU G R**

Designation : Assistant professor

Dept/ Specialization: Computer Science

Phone: 9633177092

E Mail: manjuabhi14@gmail.com

Academic Qualifications: *(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
MCA	Kerala University		2006
B.Sc	Kerala University	Chemistry	2003

Experience: *(Latest onwards)*

Institution/Organization	Designation	Tenure
STAS	Lecturer	9 ½ yrs
Govt.RIT,Pampady	Guest Lecturer	1 yr

Name: **Aryadevi .K**
Designation: Assistant Professor
Dept/ Specialization: Computer Science/Applications
Phone: 9446404014
E Mail: aaryakamal@gmail.com

Academic Qualifications: *(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
MCA	M.G University	Computer Applications	2007
B.Sc	M.G University	Mathematics	2004

Experience: *(Latest onwards)*

Institution/Organization	Designation	Tenure
STAS	Assistant Professor	9 Years
CAS,Payyappady	Lecturer	2 years

Areas of interest: Computer: Graphics, Operating Systems(LINUX/WINDOWS),Data Structures etc…

Name: **SREEJA K S**
Designation: Assistant Professor
Dept/ Specialization: Computer Science
Phone: 9961543895
E Mail: sreejakkmg@gmail.com
Academic Qualifications: *(Highest to basic degree)*

Degree	Institution/University	Specialization	Year
B.COM	Mahatma Gandhi University	Commerce	2004
MCA	Mahatma Gandhi University	Computer Application	2009
Doing PhD	Mahatma Gandhi University	Computer Science	2016 Registration

Experience: *(Latest onwards)*

Institution/Organization	Designation	Tenure
Govt.ITI, Ettumanoor	Junior Instructor	December 2009- - July 2010
SME,Gandhinagar	Internal Guest Lecturer	September 2010 - November 10th 2010
School of Technology & Applied Sciences, Pullarikunnu, Kottayam	Assistant Professor	From November 15th 2010 to Till date

Areas of interest, expertise and research: Data Mining, Web data mining.