INDIAN COLLEGES FORUM KERALA CHAPTER

ONE DAY WORKSHOP ON EMBRACING TECHNOLOGY IN HIGHER EDUCATION

–Challenges and Opportunities

In Association with the Internal Quality Assurance Cell of University of Calicut.67 36 35

Saturday, 24th November 2018 at Senate House ,Calicut University campus

Rapporteur's Report

The inaugural session

The inaugural session started with prayer by the choir of KAHM Unity Womens' College, Manjeri. Dr.P.Mohamedali, Programme Coordinator and Principal of Majlis Arts & Science College Puramannur welcomed the gathering. He highlighted the relevance of the theme of the workshop in the current context. The presidential address was delivered by Dr. M. Usman, Secretary, ICF Kerala Chapter and Principal, MIC Arts & Science College Athanikkal, Valluvambram. He stated that the idea of organizing the progrmme was mooted in the discussion with Dr.G. Sharma, ICF national president on September 7 th in 24th ICF National Conference held at Jamshedpur, Jarkhand. Higher education is undergoing rapid changes in content, governance and learning outcome. The contextual relevance of workshop was highlighted by him in terms of four factors: Firstly ,importance of colleges in higher education and in increasing GER irrespective of difference in the nature of governance of colleges as self financing, aided or government. Secondly, technology in education is a widely discussed topic but its application in academic and administrative spheres of colleges , are yet to be fully explored. Thirdly, the assessment and accreditation agencies are profusely using technology and the revised accreditation framework and technology driven ranking framework are not suitable for comparing colleges especially in the context of rural colleges. Fourthly, the Govt. of Kerala has declared the setting up of KSAAC – Kerala State Assessment & Accreditation Centre for rating of all colleges including self financing colleges.

The inaugural address of Dr. K. Mohammed Basheer, Hon'ble Vice Chancellor of University of Calicut depicted the role of teachers in this age of information revolution. He started by recollecting his long association with ICF and inspiration and guidance from Sharmaji. Role of teachers are more challenging day by day in this era of digital explosion. He addressed special needs of the time, need to equip oneself

with technological updations, required competencies of teacher fraternity and also reminded the gathering about the need for incorporating technology in academics and administration as well.

The much awaited Key Note address was delivered by Dr.G.D.Sharma, ICF National President and former UGC Secretary. It was an eye opener and a highly informative session which covered various aspects of digital technology and higher education. The keynote address mentioned about the role of technology in higher education, business and administrative functions quoting examples of day to day life. Application of artificial intelligence and robotics in different fields are increasing. Data programming, Data analysis and Data mining were three areas of discussion with special reference to its challenges and opportunities. Our focus should be on skills rather than just sharing domain knowledge. He pointed out four dimensions of technology: 1.Sharing knowledge 2. Data analysis 3. Developing software   4. Impact on people .He concluded by pointing out not to be a follower be a creator. We should not be just users but should be contributors of technology.

The official launching of the subscription to the ICF journal "College Post" was performed by D.T,A Abdul Majeed,Registrar,Calicut University and Dr.Godwin Samraj,Member of Syndicate and Principal of Malabar Christian College,Calicut received the copy of the journal from Dr.G.D.Sharmaji. Felicitations were offered by Sri.O.Abdul Ali, Jt.Secretary, Kerala Private College Management Association and Dr.M.Manoharan, IQAC Coordinator of Calicut University.Then ICF President Dr.G.D.Sharmaji honoured the following six partner colleges of the programme:

Amal College of Advanced Studies,Nilambur

MES Keveeyam College Valancherry

Majlis Arts & Science College Puramannur

Malabar College of Advanced Studies, Vengara

KAHM Unity Womens'College, Manjeri

Sullamussalam Science College,Areacode.

On behalf of Calicut University Vice Chancellor honoured Dr.G.D.Sharmaji.

The inaugural session was concluded with the vote of thanks by Dr.C.Saidalavi, Principal, KAHM Unity Womens' College, Manjeri

Technical Session 1

Dr.S Senthilnath ,Director UGC-HRDC, Bharathidasan University ,Trichy,Tamil Nadu handled an inspiring session on Technology enabled teaching learning. The crux of the presentation is 3 E's Enabled Engaged and Empowered. Wars of 21st century could not be done with weapons of 20th century. Similarly the increasing demands of higher education scenario can be dealt with only by embracing digital technology. Now it's an era where institution should go along with students. Major benefits of digital learners is that multi tasking, online collaborations, online learning community, visual learners. Another important question is why do I need a teacher in this technology world. The session also addressed shifting roles of teachers citing practical examples with visual aids. A new culture with ICT should be created. He also shared details of several online resources like MOOC, SWAYAM etc. The session was concluded with the famous quote by Alwin Toffler " Learn, Unlearn and relearn".The session was chaired by Dr.Mathew P Joseph, Principal Catholicate College Pathanamthitta and co chaired by Prof.E.P.Imbichikoya former Principal, Farook College (autonomous),Calicut. Dr.Abdul Hameed, Principal, MES Keveeyam College Valanchery was the delegate speaker.

Technical session 2

Technical session 2 was handled by Dr.M. Manoharan, IQAC Coordinator, University of Calicut on the topic: "Role of Technology in Assessment, Accreditation and Ranking". He started with the higher education scenario today with focus on globalization of education and increasing competition. Transformation in teaching learning, research, and outcome based learning. Relevance of assessing graduate attributes was also mentioned in details. He also mentioned about the role of ICT in accreditation process. The session made a detailed comparison between different assessment platforms like NAAC , NIRF and AISHE . All the criteria wise detailed description of NAAC assessment manual was also made. The session was chaired by Dr.Mohanraj ,Principal SNDP College Peerumedu and co chaired by Dr.U.Saidalavi ,Principal, Malabar College of Advanced Studies, Vengara. Dr.M.V.Mukundan, Principal, MCCHET, Mahe was the delegate speaker.

Valedictory Session

Prof.P.Moideenkutty,Director, Majlis Arts & Science College Puramannur welcomed the gathering and Dr.M.Usman, presided over the session and Dr.K.A.Dhanya IQAC Coordinator of Amal College of Advanced Studies, Nilambur presented the Rapporteur's report.

Valedictory address was delivered by Dr P Mohan, Pro Vice Chancellor of University of Calicut .He started by making the comment we should have started these discussions 20 years back. All type of organizations is facing the challenge of information system revolution. Hence the topic is very relevant. NSE was the first stock exchange to introduce digital system. They hold still first position due to digital innovations. Role of robots, a day may come where customers in a bank are welcomed by robots. Role played by cyber parks, e-governance, integrated learning resources very important. He mentioned about the relevance of having I Park "Intellectual parks" integrating digital technology with infrastructural facilities. Update ourselves with learning. The talk also addressed challenges and opportunities of digital technology,changes that should happen in the system to embrace technology, to exploit the opportunities to fullest extent. Challenges include hacking, cyber crime etc. He concluded by telling all universities, colleges, administrative wings should employ digital technology in all spheres and a specialized team should be there for that.

Concluding remarks of valedictory session was made by Dr.G. D. Sharma .He appreciated the use of IT in University of Calicut. He also asked the HEIs to conduct workshops on NAAC Accreditation, develop system to embrace technology, start innovation and research club in each college. He urged the institutions to have action oriented computational way of thinking. He concluded with the words that future is on measurement and computational way of thinking. The certificates to delegates were distributed in the session. The programme was concluded with the vote of thanks by the Coordinator and finally with National Anthem.

Fifty one colleges participated in the workshop as per the following list:

LIST OF PARTICIPATING COLLEGES

Sl. No	Name of College
1.	SAFI Institute of Advanced Studies,Vazhayoor,Malappuram Dt.
2.	Malabar College of Advanced Studies, Vengara, Malappuram Dt.
3.	S.A College, Chenamangallur, Mukkum,Calicut Dt.
4.	Catholicate College, Pathanamthitta Dt
5.	S.N College, Permedu,Idukki Dt
6.	M.C.C.H.E . T, Mahe
7.	Grace Valley college, Malappuram Dt.
8.	Malabar Christian College, Calicut
9.	Holy Cross IMT Calicut
10.	M.E.S Kalady College, Mannarkad,Palakkad Dt
11.	Majilis Arts & Science College, Malappuram Dt.
12.	W.M.O Arts & Science College, Wayanad
13.	J.M College of Arts & Science college, Tirur Malappuram Dt.,
14.	SAFA College of Arts & Science, Vallanchery, Malappuram Dt.
15.	MIC Arts & Science College, Athanikkal, Malappuram Dt.
16.	Ansar Arabic College, Valavannur, Malappuram Dt.
17.	Roazathul Uloom Arabic College,Calicut
18.	M.A.M.O College of Arts & Science, Calicut
19.	Alphonsa College, Pala,Kottayam Dt
20.	PEEKAYCIC, Pantherankavu, Calicut Dt.
21.	ALWA College, Mongam, Malappuram Dt.

22.	Ansar Arabic College, Valavannur, Malappuram Dt.
23.	I.K.T.M Arts & Science College, Cherukulumba, Malappuram Dt.
24.	Ideal College for Advanced Studies, Malappuram
25.	P.P.T.M Arts & Science college, Malappuram Dt.
26.	Feroke Training College, Calicut Dt.
27.	Carmal College, Mala, Trichure Dt
28.	Nasra College of Arts & Science, Tirurkad, Malappuram Dt.
29.	H.M College of Arts & Science, Manjeri, Malappuram Dt.
30.	E.M.E.A College, Kondotty, Malappuram Dt.
31.	Sri Vivekanandha College,Kunnamkulam,Trichur Dt
32.	St. Stephen College, Kottayam
33.	Khidmath Arts & Science College, Thirunnavaya, Malappuram Dt.
34.	Noble Women's college, Manjeri, Malappuram Dt.
35.	St. Mary's College, Puthanangadi,Malappuram Dt.
36.	Vimala College, Trichur Dt.
37.	N.S.S College, Nenmara,Palakkad Dt.
38.	Nirmala, Chalakudi,trichur Dt.
39.	NAM College, Kallikkandi, Kannur Dt
40.	A.W.H College, Anakkara, Palakkad Dt.
41.	M.A.M.O College, Mukkum,Calicut Dt.
42.	P.S.M.O College, Tirurangadi, Malappuram Dt.
43.	B.Y.K Arts & Science College, Malappuram Dt.
44.	P.M.S.T Arts & Science, Kundur, Malappuram Dt.
45.	Markaz Advanced, Vallanchery, Malappuram Dt.

46.	S.N.D.P. Y. College, Perinthalmanna
47.	St. Thomas College, Trichur
48.	C.P.A College of Arts & Science college, Puthanathani, Malappuram Dt.
49.	Amal College, Nilambur, Malappuram Dt.
50.	S.S College, Areekode, Malappuram Dt.
51.	K.A.H.M Women's College, Manjeri, Malappuram Dt.

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Dr.K.A.Dhanya   Dr.P.Mohammedali   Dr.M.Usman

(Rapporteur)   (Coordinator)   (Secretary, ICF Kerala Chapter)

Calicut University

24-11-2018