

EMPEROR INTERNATIONAL JOURNAL OF
FINANCE AND MANAGEMENT RESEARCH
[EIJFMR]

ISSN: 2395-5929

Volume-IV

Issue - 07

March - 2018

UGC Approval Jr. No. 45308

Impact Factor: 1.14 | SJIF 2016:3.343 | SJIF 2017: 4.253 | ISI 2017-2018: 0673

Chief- In - Editor

Dr. C. SUBATHRA

Assistant Professor in Commerce

Pioneer Kumaraswamy College

Affiliated to Manonmaniam Sundaranar University

Nagercoil.-629003

Advisory Board

Dr.S.GURUSAMY

Professor and Head

Chairperson - School of Business and Management

Dean - Academic

University of Madras

Chennai - 600 005

Editor

Dr. R. MAYAKKANNAN

Assistant Professor in Commerce

Sri Sankara Arts & Science College (Autonomous)

Enathur, Tamil Nadu – 631 561



Published by

Mayas Publication®

Tamilnadu | Kerala | Karnataka

www.eijfmr.com

maya1984kannan@gmail.com / editoreijfmr@gmail.com / customersupport@eijfmr.com

Editorial Board Members

Dr. R. MAYAKKANNAN

M.Com., M.Phil., MBA., MFC., MA(Eco.), PGDFM ., PGDCA., Ph.D.

Mayas Publication®

www.eijfmr.com

Ph.No.: 9944387367

e-mail : maya1984kannan@gmail.com / customersupport@eijfmr.com

Dr. C. SUBATHRA

M.Com., M.Phil., PGDHRM., M.A(Soc.), M.Sc(Psy), UGC-NET., Ph.D.

Assistant Professor in Commerce

Pioneer Kumaraswamy College

Affiliated to Manonmaniam Sundaranar University

Nagercoil.-629003

Dr.S.GURUSAMY

Professor and Head

Department of Commerce

Chairperson - School of Business & Management

Dean - Academic University of Madras.

e-mail : professorsrg@yahoo.com

SCHOOL OF COMMERCE, MANAGEMENT, ECONOMICS

Dr.Balakrishnan

Department of International Business,
Administration,
Nizwa College of Applied Science,
Sultanate of Oman.
subramanyayp@lycos.com

Dr. R. Periyasamy

Head & Assistant Professor,
Department of Commerce,
Barathiyar University Constitutional College,
Coimbatore, Tamilnadu, India.
nsebpge2017@gmail.com

Dr.Pratapsinh Chauhan

Vice Chancellor,
Saurashtra University, Rajkot,
Gujarat. India.
drpratapsinhchauhan@yahoo.co.in

Dr.T.J.Arun

Associate Professor of Commerce,
Annamalai University,
Chidambaram,
Tamilnadu, India.

Dr.Kuppusamy Singaravelloo

Department of Administrative Studies and Politics,
Faculty of Economics and Administration,
University of Malaya, Malaysia.
kuppusamy_s@um.edu.my

Dr.A.Ravikumar

Associate Professor of Commerce,
Bishop Heber College (Autonomous),
Puttur, Trichy-17.
ravikumarbhc@gmail.com

Dr. Bharati Pathak

Professor, School of Commerce,
Gujarat University,
Ahmadabad, India.
bharativpathak@rediffmail.com

Dr.N.Bharathidhasan

Assistant Professor in Commerce,
Dr.Ambedkar Government Arts College
(Autonomous), Vyasarpadi,
Chennai, Tamilnadu.
nbd2001@gmail.com

Dr.P. Mohan Reddy

Professor of Commerce,
Management and Information Sciences,
Sri Venkateswara University,
Thirupati, Andhra Pradesh, India.
dr_mohanreddy@yahoo.com

Dr.Leela

Professor of Commerce,
T.S.Narayanaswami College,
Chennai,
Tamilnadu , India.
yen.leela@gmail.com

Dr.Meenu Meheshwari Assistant Professor, Department of Commerce and Management, University of Kota, Kota. drmeenumaheshwari@gmail.com	Dr .K.Krishnamurthy Assistant Professor of Commerce, Periyar Government Arts College, Cuddalore. drkkrishnamurthy@gmail.com
Dr. G. Raju Professor of Commerce, School of Management Studies, University of Kerala Thiruvananthapuram, Kerala, India. rajmukal@yahoo.co.uk	Dr. C. Saraswathy Assistant Professor of Commerce, VELS University, Chennai, Tamilnadu. India. saraschand1@gmail.com
Dr.Vijaya Professor of Commerce, Gulbarga University, Gulbarga, Karnataka state India. drbvijaya@yahoo.com	Dr. R. Mathavan Assistant Professor of Commerce, Kandaswami Kandar's College, P.Velur, Namakkal (DT) Tamilnadu. India. r.mathugk@gmail.com
Dr.F.Elayaraja HOD of Commerce TKU Arts College Karanthai,Thanjavur, Tamilnadu	Dr. S.Prabhu Head & Assistant Professor of Commerce Bharthi College of Arts and Science, Thanjavur, Tamilnadu
Dr. R. Hariharan Associate Professor of Commerce, National College, Trichy, Tamilnadu	Dr.A.Vijaykanth Assistant Professor of Economics, Dr.Ambedkar Government Arts College (Autonomous), Vyasarpadi, Chennai, India. vijayakanth_us@yahoo.com
Dr. L.Gomathy Assistant Professor of Commerce, Agurchand Manmull Jain College, Meenambakkam, Chennai. gomathypugal@gmail.com	Dr. V. Rengarajan Assistant Professor, Management Studies SASTRA University, Thanjavur, Tamilnadu, India. vrr1971@gmail.com
Dr.S.Raju Assistant Professor of Commerce, A.V.V.M Sri Pushpam College (Autonomous) , Poondi, Thanjavur.India. dr.rajuss@gmail.com	Dr.K.V.Ramanathan, Professor of Finance, Statistician and Research Adviser, Bangalore. kvr08@rediffmail.com
Dr.V.Dheenadhayalan Assistant Professor in Commerce, Annamalai University, Chidambaram, Tamilnadu, India. deena_mint@yahoo.com	Dr.P.Arunachalam Professor & Head , Department of applied Economics Cochin University, Kerala. arunachalam14@yahoo.co.uk
Dr.Bama Sampath Assistant Professor of Commerce Dr.Ambedkar Govt. Arts College Chennai, Tamilnadu, India. sbgs92@yahoo.in	Dr.S.R.Keshava Professor of Economics Bangalore University, Bangalore. sr_keshava@yahoo.com
Dr. R. Vasudevan Assistant Professor in Corporate Secretary Ship, D. G. Vaishnav College, Chennai. rvasu66@yahoo.com	Dr.S.Chinnammai Associate Professor of Economics, University of Madras, Chennai. pragathauom@gmail.com
Dr.A.L.Mallika Associate Professor and Head, Department of Management Studies, Mother Teresa Women's University, Kodaikanal. mvmallika21@gmail.com	Dr.A.Ranga Reddy Professor Emeritus, Sri Venkateshwara University Andhra Pradesh India.

Dr. P. Uma Meheshwari Assistant Professor of Economics Barathiyar University College, Coimbatore, Tamilnadu, India. umasreekrishnaram@gmail.com	Dr. V.Vijay Durga Prasad Professor & Head Department of Management Studies PSCMR College of Engineering and Technology Kothapet, Vijayawada , Andhra Pradesh, India. vijaydurgaprasad@gmail.com
Dr.Dhanalakshmi Acharya Bangalore Business School, Andhrhalli Main Road, Bangalore Karanataka, India. dhanalakshmi2311@gmail.com	Dr.A.Alagumalai Associate Professor Department of Political Science, P.T.M.T.M.College, Kamudhi,
Ch. Anjaneyulu Assistant Professor, Department of Business Management Telangana University Dichpally Nizamabad, Telangana India. anzu686@gmail.com	Dr.G.Parimalarani Chairman, Board of Studies in Commerce Department of Commerce, Telangana University Dichpally, Nizamabad, Telangana, India. ramcommerce@rediffmail.com
Dr .Ishwara P Professor in Commerce Department of Commerce, Mangalore University Karnataka. ishwara_p@rediffmail.com	Ms.Bhagyshreehiremath Assistant Professor of Economics Indian Institute of Information Technology Dharwad. bhagyashreehiremath176@gmail.com
Dr.G.Parimalarani Associate Professor Department of Bank Management Alagappa University Karaikudi, Tamilnadu. vini_parimal@yahoo.com	Prof.M.Yadagiri Head & Dean Faculty of Commerce Telangana University Dichpally Nizamabad, Telangana. prof.yadagirimadarapu@gmail.com
SCHOOL OF COMPUTER SCIENCE, ENGINEERING AND TECHNOLOGY	
Prof. Naveen Kumar Associate Professor Department of Computer Science, University of Delhi, India. nk.cs.du@gmail.com	Dr. Ardhendu Mandal Assistant Professor School of Computer Science and Application University of North Bengal (N.B.U). am.csa.nbu@gmail.com
Dr. Rakesh Kumar Mandal Secretary, CSI, Siliguri Chapter Assistant Professor School of Computer Science & Application North Bengal University P.O.,Darjeeling West Bengal. rakeshkumardoctor@yahoo.in	Dr Jose Luis Lopez-Bonilla Superior School of Mechanical and Electrical Engineering, National Polytechnic Institute, Mexico city. joseluis.lopezbonilla@gmail.com , jlopezb@ipn.mx
Dr. D. Roy Chowdhury Assistant Professor School of Computer Science & Application University of North Bengal. diliproychowdhury@gmail.com	D. Hiremath Assistant Professor Department of Computer Science and Engineering Indian Institute of Information Technology Dharawd.
Dr. Ms. Bhagyashree, Assistant Professor Department of Computer Science and Engineering Indian Institute of Information Technology Dharawd.	Dr.M.Mohamed Associate Professor of Commerce, Khadir Mohideen College, Adirampattinam, Tamilnadu.
SCHOOL OF AGRICULTURAL & RURAL DEVELOPMENT AND EDUCATIONAL TECHNOLOGY, ENVIRONMENTAL SCIENCE	
Dr.V.M.Indumathi Dept. of Agricultural and Rural Management Tamil Nadu Agricultural University, Coimbatore, India. induarm@tnau.ac.in	Dr. K. Boomiraj Assistant Professor Department of Environmental Sciences, Tamil Nadu Agricultural University, Coimbatore. kb78@tnau.ac.in

Dr. M.Mirunalini Assistant Professor Department of Educational Technology Bharathidasan University,Khajamalai Campus, Thiruchirappalli. miru.bdu@gmail.com	R.Ganesan Professor and Head, Department of English, Kongu Engineering College, Perundurai. ganesankec@gmail.com
Dr.S.Angles Assistant Professor Department of Agricultural Economics, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India. angles.s@tnau.ac.in	Prof. V.Murugaiyan Assistant Professor Post Graduate & Research, Department of History H.H.Rajah's College, Pudukottai. Perundurai
SCHOOL OF MATHEMATICS, PHYSIC, EARTH SCIENCE, BOTANY, CHEMISTRY, MOLECULAR BIOLOGY, ZOOLOGY	
Dr. P.K. Omana Scientist Ministry of Earth System Science, Government of India, National Centre for Earth Science Studies, Trivandrum, Kerala. India. pkomana2010@gmail.com	Dr. Dhiraj Saha, Assistant Professor (Senior Scale), Insect Biochemistry and Molecular Biology Laboratory, Department of Zoology, University of North Bengal. dhirajento.nbu@gmail.com; dhirajsaha_nbu@rediffmail.com
Dr. S. Loghambal Assistant professor Department of Mathematics V V College of Engineering Tisaiyanvilai, Tamil Nadu, India	Dr.Biju V Assistant Professor of Mathematics College of Natural & Computational Sciences Debre Markos University, Federal Democratic Republic of Ethiopia. bijuwillwin@gmail.com
Dr.CenapOzel Faculty Member, Mathematics Department, King Abdulaziz University Turkey.	Dr.S.Priyan Department of Mathematics MepcoSchlenk Engineering College, Virudhunagar. India.
Dr. Pradip Sarawade Assistant Professor, School of Physics University of Mumbai, India. pradipsarawade@yahoo.co.in	Dr. M. Aruna Associate Professor & Head Department of Botany Telangana University Nizamabad. Telangana State India. drarunatu@gmail.com
Prof.B.Vidya vardhini Professor in Botany, Principal, University College of Science Head, Department of Botany, Telangana University Dichpally, Nizamabad, Andhra Pradesh, India. drvidyavardhini@rediffmail.com	Dr. Dhiraj Saha, Assistant Professor (Senior Scale), Insect Biochemistry and Molecular Biology Laboratory, Department of Zoology, University of North Bengal. dhirajento.nbu@gmail.com; dhirajsaha_nbu@rediffmail.com

EMPEROR INTERNATIONAL JOURNAL OF FINANCE AND MANAGEMENT RESEARCH

[EIJFMR] ISSN: 2395- 5929

CONTENTS

S. No	Title of the Paper	Author Name	Page No
1	A study on consumer Preference towards Laptops in Tiruchirapalli district	Dr. K. Malarkodi T. Vijayalakshmi T. Malathi	1-9
2	A study on challenges and impact of supply chain Management of FMCG in retail sectors in India	Dr. K. Malarkodi T. Vijayalakshmi K.B. Velliyangiri	10-16
3	A chronological assessment of fiscal Health of Tamilnadu state – a comparison of Pre - reform and Post reform Period	L. Noor Asma Dr. P. Prabhakaran	17-21
4	Regional disparities in Higher Education in Kerala	Shanu N Nazar	22-26
5	A study on risk and return analysis of selected stocks in Indian	Dr. R. Bharathi	27-36
6	Problems and prospects of JLGS of women farmers with special reference to Santhanpara Panchayat	Dr. Leena K Cherian Aryamol Rajan	37-47
7	Central Co- operative banks in Tamilnadu – Present status	R. Madhavi	48-50
8	A study on customer satisfaction towards the BSNL services in Kanyakumari district	Dr. S. Rajapriya	51-55
9	The study on the impact of health and safety facilities available to the workers in b-Tex spinning mills, Tirupur	S. Belbin Rubha	56-60
10	A study on investments in stock market with special reference to Kerala	Jesney Antony Dr. Mathew Jose. K	61-72
11	A study on factors affecting buying behavior in m-commerce in Kanyakumari district	Dr. S. Rajapriya	73-77
12	A study on Dynamic investors behavior of individual investors - an empirical study with special reference to Namakkal district	R. Seerangan Dr. N. K. Shanmugam	78-83
13	A study on customer relationship Management with special reference to reliance Supermarket in Thiruchirappalli district	S. Grace Beula Dr. M. Sharmila	84-91
14	Empowerment of women through entrepreneurship Programme in Ksarnataka	Divya. A. N Dr. T. P. Renukamurty	92-99
15	A study on consumer buying behaviour of cosmetic Products in rural and urban women in Salem and Cuddalore districts	S. Mahendran Dr. V. Selvarasu	100-102
16	A study on stress Management among School Teachers in Tamilnadu	R. Annadurai	103-106
17	A study on Problems and Prospectus of sugar industries in Karnataka- a case study of few industries	D. Dhananjaya Dr. T.P. Renukamurty	107-112
18	Marketing strategies and consumer buying behaviour of Organic food with the special reference in Chennai City	M. Ravindran Dr. S. Bama	113-118
19	A study on emotional intelligence and job satisfaction in College Teachers with special reference to Bengaluru	Dr. Vidhya Rajagopalan	119-128
20	Rise of Juvenile Crimes: A Survey	Dr. N. Krishna Kumar	129-150

REGIONAL DISPARITIES IN HIGHER EDUCATION IN KERALA

SHANU N NAZAR

Ph. D Scholar, Department of Economics,
University of Kerala, Kariavattom Campus,
Thiruvananthapuram

Abstract

Everywhere higher education is faced with great challenges and difficulties related to financing and equity. Literacy rate of India in 2011 was 74.04% while Kerala had the highest literacy rate of 93.91%. Kerala secured achievements in higher education through expansion of education institutions, enhancing of literacy activities through libraries and literacy missions. In recent years a variety of courses have been introduced here to fulfil the increasing demand. But most of these courses are located in some regions of the state. More specifically there is a wide range of disparities in Kerala's general and technical education. This disparity might have seen both in number of institutions as well in number of courses. The present study, by making use of secondary data, looks in to the regional disparities in higher education of Kerala focusing on general higher education and technical education at graduate level.

I. INTRODUCTION

Higher education includes 'all types of studies, training or training for research at the post-secondary level, provided by universities or other educational establishments that are approved as institutions of higher education by the competent State authorities'. Everywhere higher education is faced with great challenges and difficulties related to financing, equity of conditions at access into and during the course of studies, improved staff development, skills-based training, enhancement and preservation of quality in teaching, research

and services, relevance of programmes, employability of graduates, establishment of efficient co-operation agreements and equitable access to the benefits of international co-operation. At the same time, higher education is being challenged by new opportunities relating to technologies that are improving the ways in which knowledge can be produced, managed, disseminated, accessed and controlled. Equitable access to these technologies should be ensured at all levels of education systems.(World Declaration on Higher Education for the Twenty-First Century-World Conference on Higher Education on 9 October 1998).

Literacy rate of India in 2011 was 74.04%. The Male literacy rate was 82.14% while the Female literacy rate 65.46% (Census 2011). Among the Indian states, Kerala has the highest literacy rate of 93.91% . The Male literacy rate in Kerala is 96.02% and the Female literacy is 91.98%. Kerala secured these achievements through expansion of education institutions, enhancing of literacy activities through libraries and literacy missions.Kerala has a well-structured higher education system since her formation. Gross Enrolment Ratio (GER) in higher education is 30.8 where the national average is 24.4 in 2015-16 (NITI AYOGE, 2017). In recent years a variety of courses have been introduced here to fulfil the increasing demand. But most of these courses are located in some regions of the state. More specifically there is a wide range of disparities in Kerala's general and technical education. This

disparity might have seen both in number of institutions as well in number of courses. The present study looks in to the regional disparities in higher education of Kerala focusing on general higher education and technical education (graduate level).

II. OBJECTIVES

General objective of the study is to find regional disparities in higher education in Kerala. Specified objectives are,

1. To analyse institution-wise disparities in higher education in Kerala
2. To examine course-wise disparities in higher education in Kerala.

Methodology

Growth of Higher Education Institutions

Secondary data are used for the study. Secondary data are collected from various published documents or official websites of Govt. of India and Govt. of Kerala on Higher Education Department, MHRD, NITI AYOGE, E-grantz etc. In order to examine the regional disparities in higher education, the entire districts in Kerala are divided into two sub groups namely Travancore- Cochin region and Malabar region. Seven districts namely Thiruvananthapuram, Kollam, Alappuzha, Pathanamthitta, Kottayam, Idukki and Ernakulam are included in Travancore Cochin region. The districts such as Thrissur, Palakkad, Malappuram, Kozhikode, Wayanad, Kannur and Kasaragod are included in Malabar region.

Table 1

Growth of Higher Education Institutions, 1991- 2015

Type of Institution	1991				2011				2015			
	Govt.	Aided	Unaided	Total	Govt.	Aided	Unaided	Total	Govt.	Aided	Unaided	Total
Arts & Science College	40	132	0	172	40	150	160	350	58	152	234	444
Engineering Colleges	5	3	0	8	9	3	130	142	9	3	163	175
Medical/Nursing/Dental/ pharmacy/ Ayurveda/ Homeo	21	11	1	33	25	18	139	182	48*	36*	163*	247
B.ED Colleges	4	17	40	61	4	17	147	168	-	-	-	170
Polytechnics	26	6	0	32	43	6	9	58	-	-	-	66
Total	96	169	41	306	124	216	560	900	-	-	-	1102

Source: compiled from Abdul Salim, 2018; Anvar, P (2016), pp.90-91; 2016; Government of Kerala (GOK) 2015; GOK 2016;

* complied by the author from e – grants Government of Kerala

Data show that number of institutions in Kerala goes on increasing. In 1991 there were no arts /science and engineering colleges are in unaided sector. But in 2015, 52.7% of arts/science colleges and 93.1% of engineering colleges were in the unaided sector. 23% of arts and science colleges were in government sector in 1991. But in 2015 only 13% are in public sector. In the case of engineering colleges, in 1991, 62.5% were government and the remaining were aided colleges. But in 2015 only seven percent were government or aided while 93 percent were unaided colleges. Data reveal that growth of arts and science colleges in

unaided sector is more compared to government and aided colleges. In the case of engineering colleges aided colleges are marginal in 2015. Government gave more emphasis on unaided and self-financing colleges rather than Government and aided colleges. This leads to rising privatisation and commercialisation of higher education in Kerala.

Region-Wise Details of Engineering Colleges in Kerala

Table 2

Region-Wise Details of Engineering Colleges in Kerala 2013

Region	No. of Colleges				Sanctioned Intake			
	Govt. & Aided	Unaided	Total	% of Total*	Govt. & Aided	Unaided	Total	% of Total*
Travancore-Cochin	7	116	123	75	3209	37955	41164	77.96
Malabar	5	36	41	25	1582	10056	11638	22.04
Kerala	12	152	164	100	4791	48011	52802	100

Source: Compiled from A Abdul Salim, 2018; GOK, Economic Review, 2013

* calculated by the Author

In Kerala, 75% of engineering colleges are in Travancore – Cochin region and the remaining 25% are in Malabar region. 77.96% of sanctioned intake are in Travancore – Cochin region and 22.04% are in Malabar region. Only 46.78% of population are in Travancore – Cochin region and 53.22% of population are in Malabar region. So, there is a wide disparity in number of engineering colleges, sanctioned intake and population. Therefore, students from Malabar region have migrated to Travancore- Cochin region for better higher education. This creates additional burden in terms of cost of higher education on students and on their parents.

Region Wise Details of Arts and Science Degree Courses

In Kerala, there exist mainly four types of courses in general higher education at graduate

level. All these are three-year graduate courses, except B.Com (LL.B) which is a five year course. It is found that 1030 arts courses are in Govt and aided colleges in Kerala. Among these, 578 courses are in Travancore- Cochin region and 452 courses are in Malabar region. More specifically 56% of BA courses are in Travancore- Cochin region and 44% are in Malabar region. Most of BA courses are in Ernakulam district (144) and the next in Kottayam (111). It is also found that 671 B.Com courses are in Govt and aided colleges in Kerala. Out of this, 439 (65.4%) courses are in Travancore- Cochin region and 232 (34.6%) courses are in Malabar region. Most of the B.Com. courses are also in Ernakulam district (149) and the next in Kottayam (79).

Table 3 Region Wise Details of Arts and Science Courses (Degree Courses) in Kerala & Population

		District	List of Degree Courses					% of Total*	Population in 2011	% of Population*
			B.Voc	B.A	B.Com	B.Sc	Total			
1	Travancore-Cochin Region	Thiruvananthapuram	2	109	51	151	313	10.03	3,301,427	9.88
2		Kollam	--	69	38	100	207	6.63	2,635,375	7.89
3		Alappuzha	2	53	45	82	182	5.83	2,127,789	6.37
4		Pathanamthitta	--	54	32	88	174	5.58	1,197,412	3.56
5		Kottayam	2	111	79	154	346	11.09	1,974,551	5.91
6		Idukki	--	38	45	44	127	4.07	1,108,974	3.33
7		Ernakulam	8	144	149	189	490	15.7	3,282,388	9.83
	Sub Total		14	578	439	808	1839	58.92	1,56,27,916	46.78
8	Malabar Region	Thrissur	7	96	60	130	293	9.39	3,121,200	9.34
9		Palakkad	--	61	32	82	175	5.61	2,809,934	8.41
10		Malappuram	1	89	44	102	236	7.56	4,112,920	12.31
11		Kozhikode	--	79	35	116	230	7.37	3,086,293	9.24
12		Wayanad	--	23	13	28	64	2.05	817,420	2.45
13		Kannur	--	73	28	92	193	6.18	2,523,003	7.55

14	Kasaragod	--	31	20	40	91	2.92	1,307,375	3.62
Sub Total		8	452	232	590	1282	41.08	1,77,78,145	53.22
GRAND TOTAL		22	1030	671	1398	3121	100	3,34,06,061	100

Sources: Census report 2011, GoKKarala, E- Grantz

*Courses in aided and government colleges

** calculated by the Author

Most of the B.Sc. courses are also in Ernakulam district (189), next in Kottayam (154) followed by Thiruvananthapuram (151). 808 B.Sc. Courses are in Travancore- Cochin region (57.8) and 590 courses are in Malabar region. There are 22 vocational courses in Kerala; of these 14 are in Travancore- Cochin region and the remaining in Malabar region. Eight B.Voc. courses are in Ernakulam district, and seven in Thrissur .B. Voc. Courses in Kollam, Pathanamthitta, Idukki, Palakkad, Kozhikode, Wayanad, Kannur and Kasaragod are nil. In general, 58.92 % (1839/3121) of degree courses are in Travancore -Cochin region. Percentage of population in Travancore - Cochin region is only 46.78. Percentage of population in Malabar region is 53.22 and percentage of degree courses are 41.08 (1282/3121). This shows a wide disparity in population and availability of degree courses.

District wise analysis clearly shows that most of the courses in Travancore -Cochin region is in Ernakulam (15.7%) followed by Kottayam (11.09%) and Thiruvananthapuram (10.03%). Where percentage of population in these districts are 9.83%, 5.91% and 9.88% respectively. Most of the courses in Malabar region is in Thrissur (9.39%) followed by Malappuram (7.56%) and Kozhikode (7.37%). Where the percentage of population in these districts are 9.34%, 12.31%, 9.24% respectively. This shows the disparities in degree courses in Kerala.

III. CONCLUSION

Kerala's higher education growth is high compared to other Indian states and

Union Territories. But the most important problem in Kerala's higher education is the distribution of colleges and courses. Secondary data and related studies show that regional disparities in higher education in Kerala is widening. Most of the higher education institutions and courses are situated in Travancore- Cochin region where as Malabar region is lagging behind in not only number of colleges, but also the number of courses and sanctioned seats. Thus, the students of Travancore- Cochin region have easy access to higher education while the access to students of Malabar region is a big issue. This leads to Increase in cost of higher education for the students in Malabar region and Increase in disparities in regional development. To overcome these problems, it is essential to establish new colleges in Malabar region with new courses and also to Increase the number of seats and courses in existing colleges.

IV. REFERENCES

- 1) Abdul Salim A (2018) Higher Education for Kerala's Development: A Focus on Expansion and Equity, in B.A Prakash and Jerry Alwin (ed.) Kerala's Economic Development, Sage Publications, New Delhi, 2018.
- 2) Abdul Salim A (2002), Educational Development in India: the Experience of Kerala Since 1800, Anmol Publications, New Delhi.
- 3) Aggarwal Yash (2000). District Primary Education Programme 2000: An Assessment of Trends in Access and Retention, NIEPA, New Delhi.
- 4) Aggarwal Yash (1983). Regional Aspects of Literacy Among Scheduled Castes and Non

Scheduled Population in India: A District wise Analysis, NIEPA, New Delhi.

- 5) Anvar, P (2016), World Class State without Word Class Higher Education, Southern Books, Thiruvananthapuram
- 6) Carron G. and Chau Ta Ngoc (ed.), (1980). Regional Disparities in Educational Development: A Controversial Issue. IIEP, Paris.
- 7) Carron G. and Chau Ta Ngoc (ed.), (1980). Regional Disparities in Educational Development: Diagnosis and Policies for Reduction. IIEP, Paris.
- 8) Government of Kerala (GOK), Controller of Entrance Examinations, official website of Technical Education, 2016.
- 9) Government of Kerala (GOK), Economic Review, Kerala State Planning Board, 2015.
- 10) Ministry of Human Resource Development (2015). Selected Educational Statistics: 1999-2000, MHRD, New Delhi.
- 11) <http://www.e-grantz.kerala.gov.in>
- 12) http://www.unesco.org/education/educprog/wche/declaration_eng.htm#world%20declaration
- 13) https://en.wikipedia.org/wiki/List_of_medical_colleges_in_Kerala
- 14) <https://targetstudy.com/colleges/government-nursing-colleges-in-kerala.html>
- 15) <https://targetstudy.com/colleges/private-nursing-colleges-in-kerala.html>