

3.6

Department of Applied Economics

1. Name of the Department: Department of Applied Economics
2. Year of establishment: 2001
3. Is the Department part of a School/Faculty of the university? : Yes
School of Development Studies, Kannur University
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
M.A. Applied Economics (IV Semester), Ph.D. in Economics
5. Interdisciplinary programmes and departments involved: Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
7. Details of programmes discontinued, if any, with reasons: Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: CCSS
9. Participation of the department in the courses offered by other departments : Nil
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	0	0	1
Associate Professor	1	1	
Assistant Professor	1	1	1
Assistant Professor (on Contract)	3	3	3

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. K. Gangadharan	M.A., M.Phil., Ph.D.	Professor and Head	Financial Economics Health Economics	20	4
Dr. V. Shaharban	M.A., Ph.D.	Assistant Professor	Econometrics Gender Economics	12	
Rajula Helan K.P.	M.A.	Assistant Professor on contract	Public Economics Health Economics	8	
Divya Karikkan	M.A.	Assistant Professor on contract	Applied Economics Health Economics	6	
Sanitha Sadanandan	M.A.	Assistant Professor on contract	Applied Economics Development Economics	2	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Sl. No.	Name of the Program	Participating Institution(s)	Name(s) of Faculty members exchanged	Duration of Exchange
1	Visiting professor/faculty programme to interact and deliver lectures	Department Of Economics, North Bengal University, Darjeeling.	Prof. Anil Buimali	16/2/2011 to 21/2/2011

(b) Programmes with Visiting Faculty

Sl. No.	Name of Visiting Faculty members	Parent Institution of Visiting Faculty members	Duration of Visit/year
1	Prof. Dulasi Birunda Varadrajana	Madurai Kamaraj University, Madurai	2010
2	Dr. N. Radhakrishnan	Department of Economics, Zamorin's Guruvayurappan College, Kozhikode	4/10/2010 to 8/10/2010
3	Dr. V.B. Jugale	Shivaji University, Kolhapur	11/10/2010 to 15/10/2010
4	Thomachan	St. Joseph College, Devagiri	27/9/2010 to 1/10/2010
5	Dr. G. Karunakaran Pillai	University of Kerala	10/1/2011 to 15/1/2011
6	Dr. V.B. Jugale	Shivaji University, Kolhapur	27/1/2013 to 1/2/2013
7	Prof. Anil Buimali	Department of Economics, North Bengal University, Darjeeling	24/07/2013
8	Dr. V.B. Jugale	Shivaji University, Kolhapur	27 th , 28 th , 29 th /01/2014
9	Dr. K.P. Mani	Department of Economics, Calicut University	7 th , 8 th , 9 th /01/2014

13. Percentage of classes taken by temporary faculty – programme-wise information
16 hours per week (100 %)

14. Programme-wise Student Teacher Ratio :

M.A. - 5 : 8.8 (44/5)

Ph.D. - 1 : 8

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Administrative Staff (a) sanctioned : one (b) filled : one

16. Research thrust areas as recognized by major funding agencies

Health Economics and Financial Economics

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Research Projects completed						
Sl. No.	Name of PI	Title of the project	Nature of Project	Project Period	Funding Agency	Amount
1	Dr. K. Gangadharan	Living Environment and Health in Urban Slum-A Micro Level Analysis	Minor	2005-06	UGC	40,000
2	Dr. K. Gangadharan	Nutritional and Healthcare Deprivation A study across caste class and gender in rural areas of Kannur district in Kerala	Major	2009-2011	UGC	4,50,000

Research Projects Ongoing						
Sl. No.	Name of PI	Title of the project	Nature of Project	Project Period	Funding Agency	Amount
1	Dr. K. Gangadharan	Maternal and Child Health among Tribals in Kerala: Strategies for rational deployment of Health infrastructure and Health man power	Ad-Hoc Research Project	2012-2015	ICMR	25,00,000
2	Dr. K. Gangadharan	Education Loan and Non performing assets of Commercial Bank-	Innovative Project	2015-2017	UGC	10,00,000

18. Inter-institutional collaborative projects and associated grants received : Nil.
 a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
- The School of Developmental Studies has under taken four major external funded projects from 2006 onwards.
20. Research facility / centre with
- State recognition -
 - National recognition - Research Centre, Ph.D. in Economics, Kannur University
 - International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

22. Publications:

- Number of papers published in peer reviewed journals (national / international) - 33
- Monographs
- Chapters in Books
- Edited Books - 4
- Books with ISBN with details of publishers - 4
 1. Manglam Publication
 2. Rawat Books
 3. Serials Publication
 4. Reference Press
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR
- Impact Factor – range / average
- h-index

Publications	
Name of the Faculty	Books
Dr. K. Gangadharan	<ol style="list-style-type: none"> 1. A Text book of Banking published in 1999 2. Utilization of Health Services in Urban Kerala A Socio Economic Study published by Serials Publications, New Delhi in 2005 3. Economic Reforms and Regional Inequality in India published by Serials publications , Delhi in the year 2007 4. Living Environment and Health in Urban Slum A Micro level Analysis published in the year 2008 by Manglam Publications, New Delhi. 5. Paradigm Shift in Health and Education in India published in the year 2009 by Serials Publications, Delhi 6. Health and Development: The Millennium Perspectives published in 2011 by Rawat Books , New Delhi. 7. Nutritional and Healthcare Deprivation an Inter Caste Analysis Published in 2012 by Manglam Publications, New Delhi. 8. Financial Inclusion and Inclusive Growth: Scope and Dimension published in 2012 by Reference Press an international publisher from New Delhi.
Name of the Faculty	Research papers/ Article
Dr. K. Gangadharan	<ol style="list-style-type: none"> 1. 'Growth of Mutual Funds in India, Southern Economist Vol.37, No.14. 1998 2. Maternal and child Health Tamil Nadu gaining momentum, Southern Economist, vol . 49. N0.3, 2010

	<ol style="list-style-type: none"> 3. Growth of NABARD in Rural financing' Indian Commerce Bulletin Vol.3 No.1 January 1999. 4. Life After 60- Ageing and Ill Health in Kerala' Kerala Calling Vol.25 No.12 2005 5. Emerging issues of urban health with special reference to Kerala'' Indian Journal of Social Development. Vol6. No.1 2007 6. Autonomy for Excellence Kerala Calling Vol.26 No. 6 2006 7. Ageing in Kerala Vijnana Kairali ,Vol 38 No.7 July 2007 8. Nutritional Deprivation among Indian children. Distributional Profile and Implications, IRISH Journal Vol.3.No.1. January –June 200 9. Nutritional problems of children in Kerala Vijnana Kairali Vol.39 No.1 January 2008 10. Morbidity and Health care in Kerala: A Distributional profile and Implications Indian Journal of Social Development vol. No7 No.2. December 2007 11. Health for All, Kerala Perspective, Kerala Calling Vol.27 No.3 January 2007 12. Dalit and Social Sector Development in IRISH journal, January 2009 13. Challenges in Human Development in India: The case of Education And Health, Journal of Economic and Social Development Vol. V. No.1 & 2 , 2009. 14. Nutritional and Health Transition, Lessons from Kerala Vol.1 No.1 2009, Journal of Human Development 15. Nutritional Vulnerability among marginalized communities, A study on Rural Kerala ,Journal of Human Development , Vpl.2.Mp.2, 2010 16. Deteriorating health of Mothers and Children A study on Urban Kerala Asian Economic Review Vol. 48 No. 2, 2006 17. Changing Health profile of Kerala'' Economic Affairs, Vol.No.52 Issue No. April-June 2007 18. Disparity in maternal and child Health in India Present scenario and Future Options, International Research Journal of social sciences, Society of social sciences, Pondicherry Vpl.3 No.1 2010.Policy Reforms and Health care System in Kerala: Issues and constraints, Journal of Health and Development, published by Danish Publications, Delhi. 19. Globalization and Social Sector Development among Dalits in an edited work Globalization and Magnitude and Impact. Edited by. Viswanatha, Professor of Economics, Mangalore University, Manglore and published by Abjeet Publications, New Delhi in 2008 20. Health care development in Kerala in an edited work titled Kerala Economy Yesterday, Today and Tomorrow by Dr.
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	<p>B.N.Ghosh and Padmaja Nambodhiri and Published in 2009.</p> <p>21. Nutritional Deprivation of Marginalized Communities in Kerala an inter caste analysis published in the proceedings of an International Conference organized by International Economic Research Centre held at Singapore in 2011.</p> <p>22. Deteriorating maternal and child Health in India. Evidence from NFHS data. Research paper in the edited work of Development versus Deprivation by Saralamma and Manju S. Nair and Published by Sonali Publications, New Delhi in 2011.</p> <p>23. Health for all :From firm promises to new realism, Health and India's Economic Development, Challenges and Opportunities, Edited by L N Dash published by Synergy Books India, New Delhi, 2013</p> <p>24. Climate change and Human Health in India , Third Concept, Vol.27, No.324 February 2014</p> <p>25. Dietary intake and Nutritional status of preschool children among tribes in Kerala. Ayan Vol.1, No.2, 2013</p> <p>26. Why Tribal children look differently? An empirical analysis of Health and Nutritional status of tribal children in Kerala. Asian Journal of Research in social science and Humanities, Vol. IV, Issues-X, October 2014.</p> <p>27. Nutritional Anaemia and Morbidity Prevalence among Tribal Children in Kerala and Strategies for Effective Governance, Social Vision, Vol.I, Issue 4, January-March 2015.</p> <p>28. Public Health care Infrastructure and Health Manpower in Tribal Hamlets: Kerala Perspectives (Under Review) Development Review.</p> <p>29. Reproductive Health Complications among Tribal Women and their Health Seeking Behaviour-Kerala perspectives (Published) International Journal of Contemporary Research in Social science (IJCRSS)</p> <p>30. Reaching the Unreachable: Maternal and Child Health Care Issues Among Tribal's in Kerala and Strategies for Effective Governance, (Under Review) Journal of Health Management.</p>
Dr. K. Gangadharan & Rajula Helan K.P.	Published an article entitled "Maternal and Child Health: Tamil Nadu Gained Momentum", Southern Economists.
Dr. K. Gangadharan & Divya Karikkan	Published an article entitled "Gender and Health in Kerala", Edited by L N Dash's Health, Gender and Development, published by Regal Publications, New Delhi, 2015

23. Details of patents and income generated NIL

24. Areas of consultancy and income generated- Health System Research

25. Faculty selected nationally / internationally to visit other laboratories / institutions

/ industries in India and abroad - Dr. K. Gangadharan - Singapore, Thailand

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

<p>Dr. K. Gangadharan</p> <ul style="list-style-type: none"> • Member Syndicate, Kannur University • Dean of Faculty, Humanities , Kannur University • Chairman, Board of Studies in Economics (P.G), Kannur University • Head, Research Centre, Ph.D. Course Work • Director, PERC, Kannur University • Chief, University Employment Information and Guidance Bureau, Kannur University • Coordinator of National/International seminars • Served as member, Board of Studies in Economics, Mahatma Gandhi University, Kottayam during 2004-06. • Serving as member, Board of Studies in Economics, Bharathiyar University, Kottayam. • Serving as member, Board of Studies in Economics, University of Kerala, Thiruvananthapuram. • Serving as Governing Council Member, Madras Institute of Development Studies, Chennai. • Serving as subject expert in the Health System Research In the panel of Experts of Indian Council of Medical Research, New Delhi. • Serving as Resource person in the panel of subject expert of Academic Staff Colleges, University of Kerala and Bharathiar University. • Serving as subject expert in the selection of faculty and teaching staff members of Kerala Public Service Commission. • Serving as life member of IASSH. • Serving as member in the Academic Council of Community College, IGNOU, Vadamakara • Serving as editorial member of 'Development Review', a journal of the Department of Economics, University of Calicut. • Serving as Advisory Council member of Institute of Financial Economics and Financial Engineering , University of Calicut. • SAP professor and visiting fellow in the Department of Economics, North Bengal University for one week in 2012-13. • Serving as Chairman of the question setters for M.A Degree examinations of University of Kerala, Mahatma Gandhi University and University of Calicut.
<p>Dr.V. Shaharban</p> <ul style="list-style-type: none"> • President, Alumni Association, DAECO, Kannur University • Secretary, Research Forum, DAECO, Kannur University • Staff Advisor, Eco-Logue, DAECO, Kannur University • Admission Committee Convener, DAECO, Kannur University • Member, Coordinator of National/International seminars • Fine Arts Advisor, Thalassery Campus • Member, Board of Studies in Economics (Pass), University of Kerala.

- External Examiner (also Member of the question setter) for the M.A Degree Examination of Calicut University, Kerala University and Central University of Kerala, Kasaragode.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. K. Gangadharan – Attended two training programmes and a Refresher Course.

Dr.V. Shaharban – Attended an Orientation Programme and a Refresher Course.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Year	No of Seminars	Level	Sponsor
2003	1	National	Kannur University
2004	1	National	Kannur University
2005	1	National	Kannur University
2006	2	National	Kannur University, NMCC Kanuur
2007	1	State	ICSSR, New Delhi , Kannur University
2008	1	International	UGC, ICMR, and RBI
2010	1	National	ICSSR, New Delhi , Kannur University
2011	1	International	NABARD, ICSSR, RBI,UGC and Kannur University

31. Code of ethics for research followed by the departments

Ethical guidelines are strictly followed in research especially those including human elements. In such cases the consent of the University Ethical Committee has been obtained. Ethical Issues involving plagiarism, bias etc are given orientation and awareness during the Ph.D. Course Work programme as a part of research methodology.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A 2012 admission	132	1	19	100%	94.74%
M.A 2013 admission	136	3	19	-	-

M.A. 2014 admission	127	2	20	-	-
Ph.D.		2	9	4	2 (one result awaiting)

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
M.A. (2013-14)	34	10	Nil	Nil
Ph.D.	8	3		

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

JRF – 3

NET - 8

SET - 15

CTET - 1

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	---
PG to M.Phil.	---
PG to Ph.D.	3 nos
Ph.D. to Post-Doctoral	---
Employed	
▪ Campus Selection	
▪ Other than campus recruitment	48
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates of	
the same University	40 %
Other Universities within the State	40 %
Universities from other States	20 %
Universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – One Ph.D.

38. Present details of departmental infrastructural facilities with regard to

- a) Library – Campus Library

Number of Books in the Departmental Library : 2765 (both reference and text books)

Number of Journals/Periodicals in the departmental library : 7 (E-Journals-1000 of INFLIBNET)

- b) Internet facilities for staff and students : WI-FI facilities

- c) Total number of class rooms - 3

- d) Class rooms with ICT facility- One
- e) Students' laboratories - Nil
- f) Research laboratories - Nil

39. List of doctoral, post-doctoral students and Research Associates

Sl. No.	Name of the Research Scholar	Research Guide	Topic
1	Dhanalakshmi S.	Dr. K. Gangadharan	A Evaluation of Water Policy of Government
2	Vinesh Kumar K.V.	Dr. K. Gangadharan	Human Development and Deprivation among tribes in Kerala
3	Jayasree T.O.	Dr. K. Gangadharan	Role of urban co-operative banks in the inclusive financial development of Kerala
4	Lajitha P.	Dr. K. Gangadharan	Neighborhood groups and financial inclusion-A case study on Kannur district
5	Rahiyath C.	Dr. K. Gangadharan	Fiscal decentralization and health sector development in Kerala- A case study of selected Panchayats in Kannur district
6	Divya Karikkan	Dr. K. Gangadharan	Karunya Benevolent Fund Scheme- A Model of Inclusive Health Care and Social Empowerment Strategy
7	Ruksana M.M.	Dr. K. Gangadharan	Emigration and Economic Mobility of families across generation-A study on Kerala perspective
8	Raji Mol	Dr. N. Radhakrishnan	Impact of Government sponsored rural wage employment programme on STs of Wayanad District
9	Bushara M.V.	Dr. N. Radhakrishnan	Role of Women Entrepreneurs in employment and Income generation in Kerala
10	Nishitha Pankan	Dr. N. Radhakrishnan	Role of Akshaya e-centres under e Governance in Kerala
11	Rajeev M.	Dr. S.M. Abdul Kader	A study of the impact of Liberalization on the Performance of Indian General Insurance Sector

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. : Nil

41. Was any need assessment exercise undertaken before the development of new

- programme(s)? If so, highlight the methodology. : Nil
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
YES – Planning methods of teaching and adopting measures to enhance students participation.
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
YES – Improving teaching learning activities
 - Alumni and employers on the programmes offered and how does the department utilize the feedback?
Prominent Alumni- Designation wise
43. List the distinguished alumni of the department (maximum 10)
1. Dr. K.M. Devadas
 2. Dr. K.P. Vipin Chandran
 3. Dr. P. Babukuttan
 4. Dr. N. Karunakaran
 5. Dr. V. Shaharban
 6. Rajula Healan K.P.
 7. Divya Karikkan
 8. Sanitha Sadanandan
 9. Narayanan P.
 10. Johnson K.A.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Visiting faculty programs, workshops, seminars, colloquium, etc.
45. List the teaching methods adopted by the faculty for different programmes.
Lecture Method and Participatory Teaching Method
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Continuous Evaluation through Test Papers, Seminar Presentations and Assignments and also by teacher evaluation by students.
47. Highlight the participation of students and faculty in extension activities.
Public lectures, Extension talks, orientation programmes to the public on relevant and sensitive topic.
48. Give details of “beyond syllabus scholarly activities” of the department.
Projects undertaken by the students through external funding agency
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Yes, through research new knowledge is creating.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

1. First University Department in Kerala started M.A. Programme in Applied Economics
2. Highly trained and motivated faculty members with specialization in the thrust areas of the Department.
3. A very good campus library with good literature on applied economics, economics and beyond economics.
4. A web resource based campus having Wi-Fi connection and UGC info net and INFLIBNET facility for accessing E-journals.
5. An academically congenial environment for undertaking interdisciplinary research (Health Economics, Social and community health, environmental health hazards etc) with collaboration from other Departments like School of Health sciences, Department of Anthropology, etc.
6. Scope of good employment prospects for the mathematically trained economics students in Banks, Financial institutions, Stock and share investment firms etc. Placement history also reveals the strengths in this direction

Weakness

1. Students enrolled are poor in communication skills
2. They belong to the deprived and financially backward sections of the society and so the competitive and cognitive skills are comparatively less
3. The infrastructure facilities available to the department are very poor especially the building facilities. This created hurdles in imparting ICT based education.

Opportunities

1. Enough scope for the Students for pursuing higher education and employment in the field of Economics.
2. Applied Economics students with analytical skills are preferred as Analysts, interpreters and research officers etc. in NGOs, Investment firms and companies.

Challenges

1. Shortage of four staff members are there in the Department. This creates hurdles in getting UGC SAP assistance to the Department as 6 Faculty members are mandatory minimum.

52. Future plans of the department.

Proposed to start M.Phil. Programme and one or two Certificate Programme under RUSA assistance.

Kannur University already decided to institute a chair called 'Rajiv Gandhi Chair for Development Studies' in this department. The Chair will provide a platform for undertaking Lecture Series/Talks by Eminent Social Scientists on different aspects of Development issues and also for suggesting ways of attaining Inclusive Growth and Development.

The department would like to shift to a convenient building.