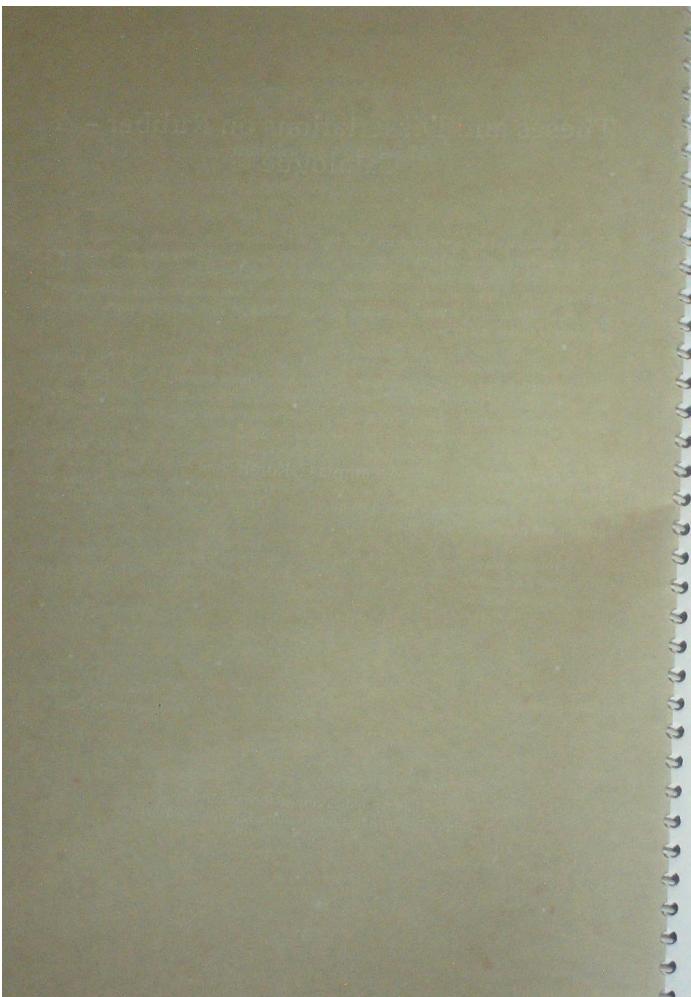


THESES AND DISSERTATIONS ON RUBBER : A CATALOGUE



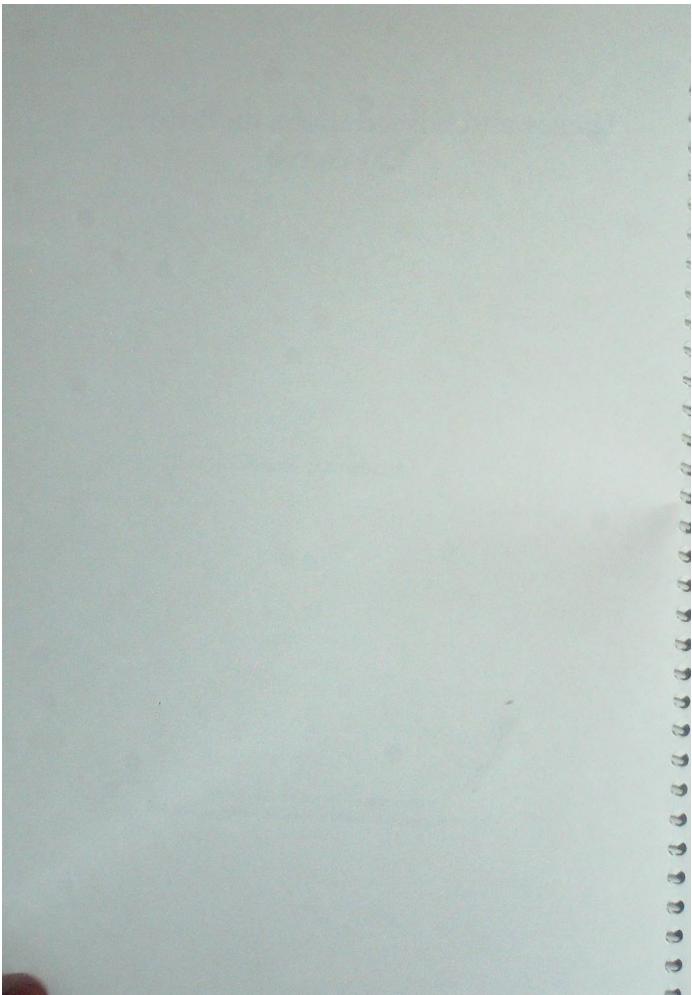
Library and Documentation Centre
Rubber Research Institute of India
Kottayam
2012



**Theses and Dissertations on Rubber – A
Catalogue**

Accamma C. Korah

Library and Documentation Centre
Rubber Research Institute of India, Kottayam 686 009
2012



About the Compilation

"Theses and Dissertations on Rubber - a Catalogue" is a unique attempt of the RRII Library to document publications such as Ph.D. Theses and Dissertations of scientists and other officers and staff of Rubber Board, Research fellows, Students, etc. This compilation of vast source of information spreads across 336 numbers of documents and is of great significance for those associated with rubber in various ways particularly in planning of future research.

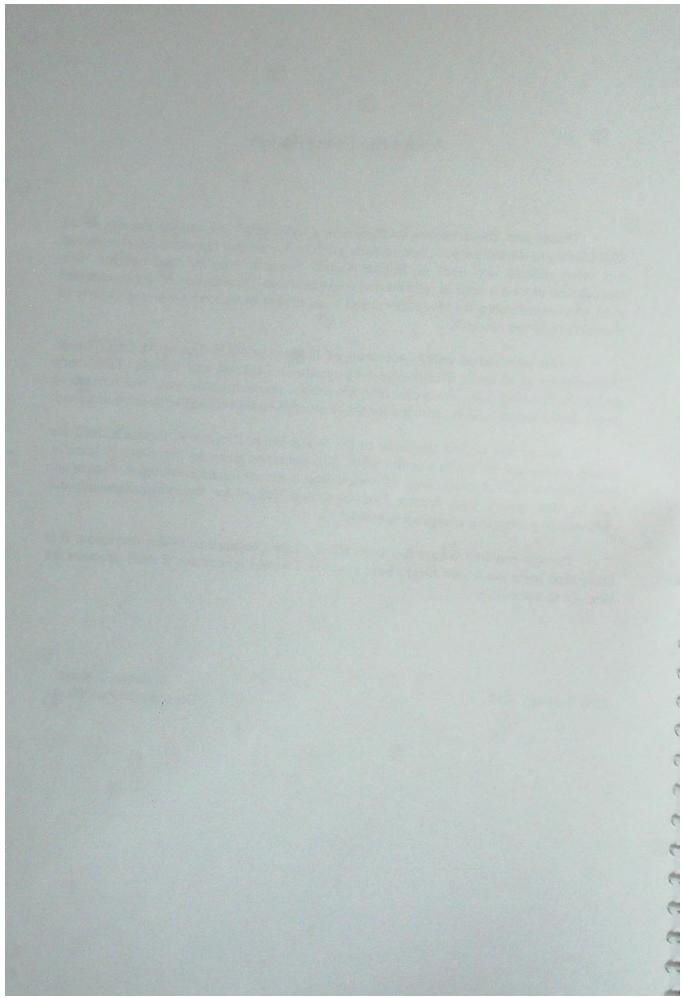
In this publication, entries are arranged broadly by Ph.D. Theses, M. Phil. Theses, Dissertations of M.Tech., Postgraduate, Postgraduate Diploma and B.Tech. Each entry under the heading gives the name, title, university, research guide, year and number of pages. Index has also been provided for the Research Guides suffixed with entry numbers.

I record my sincere gratitude to Dr. James Jacob, Director of Research, RRII for giving permission to undertake the work. The guidance given by Mr. Sabu P. Idiculla, Joint Director (CP) at every stage of compilation is gratefully acknowledged. Thanks are due to Mrs. Mercy Jose, former Documentation Officer for the encouragement and guidance in getting this compilation published.

Though maximum care has been taken in the preparation of the document, it is likely that some omissions might have crept in. I would appreciate, if such mistakes are brought to our notice.

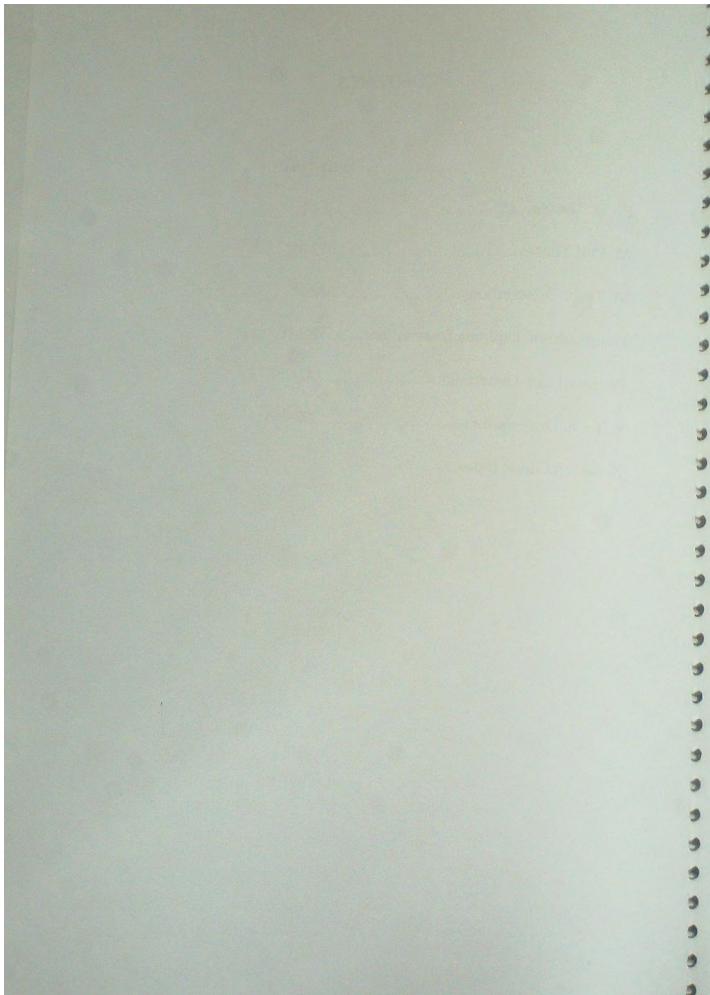
22nd February 2012

Accamma C. Korah
Documentation Officer



CONTENTS

	Entry Nos.
Ph.D. Theses.....	1-71
M. Phil Theses.....	72-81
M. Tech. Dissertations.....	82-97
Postgraduate Diploma Dissertations.....	98-141
Postgraduate Dissertations	142-291
B. Tech. Dissertations.....	292-336
Research Guide Index.....	



Ph.D. Theses

222

- 1- Alex T. Koshy 1991
Studies on blends of natural rubber and ethylene-vinyl
acetate copolymer with special reference to effects of
crosslinking systems
Guide: Dr. Baby Kuriakose and Dr. Sabu Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 141
- 3- Annakutty Joseph 1998
Investigations on certain biochemical changes and
phyllosphere microflora of *Hevea brasiliensis* as influenced
by nitrogenous fertilizer application and *Corynespora cassicola*
inoculation
Guide: Dr. R. Kothandaraman
Mahatma Gandhi University, Kottayam, India
Pages: 195
- 4- Asaletha, R. 1998
Studies on thermoplastic elastomers from natural
rubber/ polystyrene and natural rubber/ polystyrene/
naturalrubber-graft-polystyrene blends
Guide: Dr. M.G. Kumaran and Dr. Sabu Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 260
- 5- Baby Kuriakose 1985
Studies on thermoplastic elastomers with special reference to
natural rubber - polypropylene blends
Guide: Dr. Sadhan K. De
Indian Institute of Technology, Kharagpur, India
Pages: 217
- 6- Claramma, N.M. 1997
Studies on prevulcanization of rubber latex with special
reference to influence of storage and after treatments on
properties of films
Guide: Dr. N.M. Mathew
Cochin University of Science and Technology, Kochi, India
Pages: 218

- 7- Elizabeth, K.I. 2005
Studies on dichlorocarbene modification and blending of natural rubber with hydrogenated nitrile rubber to improve the aging characteristics with respect to oil, ozone and heat
Guide: Dr. N.R. Peethambaran and Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 253
- 8- Francis Mathew 2003
Structural studies on tension wood of *Hevea brasiliensis* (Para rubber) with special reference to clonal variability
Guide: Dr. C.P. Reghu
Mahatma Gandhi University, Kottayam, India
Pages: 157
- 9- George Koshy 1997
Studies on the factors influencing the regeneration and flow of latex in *Hevea brasiliensis*
Guide: Dr. K.R. Vijayakumar
Mahatma Gandhi University, Kottayam, India
Pages: 286
- 10- George, P.J. 1994
Studies on *Manihot glaziovii* Muell.Arg. with special reference to its potentiality as an alternative source of natural rubber
Guide: Dr. Thomas James
Mahatma Gandhi University, Kottayam, India
Pages: 236
- 11- Haridasan, V. 1977
An enquiry into the management practices followed in rubber estates in India
Guide: Dr. M.V. Pylee
University of Cochin, Kochi, India
- 12- Ima Neerakkal 1998
Intercropping of medicinal plants in rubber plantations- light requirements and physiology of shade adaptation
Guide: Dr. M.R. Sethuraj
Mahatma Gandhi University, Kottayam, India
Pages: 160

- 13- Jacob K. Varkey 2005
Epoxidised natural rubber as a reinforcement modifier for
silica filled natural rubber and acrylonitrile butadiene rubber
Guide: Dr. N.M. Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 271
- 14- Jacob Mathew 1994
Characterization of wastes from natural rubber and rubber wood processing
industries and their utilization for biomethanation
Guide: Dr. K.P. Balakrishnan
Cochin University of Science and Technology, Kochi, India
Pages: 233
- 15- Jaimon K. Kurian 2002
Studies for improving the degradation resistance of natural
rubber latex vulcanizates with special reference to heat and uv-radiation
Guide: Dr. N.R. Peethambaran and Dr. Baby Kuriakose
Mahatma Gandhi University, Kottayam, India
Pages: 233
- 16- Jasmin Maret 1996
Influence of compounding and process variables on quality of
condoms made from natural rubber latex
Guide: Dr. N.M. Mathew
Cochin University of Science and Technology, Kochi, India
Pages: 153
- 17- Jayashree Madhavan 2001
Multivariate analysis of young and mature clones in Para rubber *Hevea brasiliensis*
Muell. Arg.)
Guide: Dr. S.G. Sreekumar
Kerala Agricultural University, Trivandrum, Kerala
Pages: 279
- 18- Jessy, M.D. 2004
Phosphorus nutrioperiodism in rubber
Guide: Dr. M. Meera Bai
Kerala Agricultural University, Trivandrum, India
Pages: 174
- 19- Joshua Abraham 1997
Controlled release fertilizer formulations based on polymers
Guide: Dr. V.N. Rajasekharan Pillai
Mahatma Gandhi University, Kottayam, India
Pages: 142

- 26- Markose, V.C. 1984
Biometric analysis of yield and certain yield attributes in the para rubber tree:
Hevea brasiliensis Muell. Arg.
Guide: Dr. Mary K. George
Kerala Agricultural University, Trivandrum, India
Pages: 160
- 27- Mary, K.M. 2004
Estimation of intrACLONAL variations and associations of
characters in RRII 105, a popular clone of *Hevea brasiliensis*
(Willd. Ex Adr. de Juss.) Muell. Arg.
Guide: Dr. D. Premakumari
Mahatma Gandhi University, Kottayam, India
Pages: 186
- 28- Mathew Joseph 1999
Studies on some competing factors in the intercropping systems of rubber (*Hevea
brasiliensis* Muell. Arg.)
Guide: Dr. R. Vikraman Nair
Kerala Agricultural University, Thrissur, India
Pages: 110
- 29- Mathew, N.M. 1983
Chemical and scanning electron microscopic studies on failure
properties of rubber
Guide: Dr. Sadhan K. De
Indian Institute of Technology, Kharagpur, India
Pages: 177
- 30- Meenakumari, T. 1995
Cytomorphological and physiological investigations on induced
autotetraploids of tropical Kudzu (*Pueraria phaseoloides*
(Roxb.) Benth.) a cover crop in rubber plantations
Guide: Dr. A.O.N. Panikkar and Dr. C.K. Saraswathy Amma
Mahatma Gandhi University, Kottayam, India
Pages: 132
- 31- Mercy, M.A. 2001
Genotypic evaluation and screening for drought tolerance in
wild *Hevea* germplasm
Guide: Dr. Luckins C. Babu
Kerala Agricultural University, Thrissur, India
Pages: 141

- 32- Mohammed Sathik, M.B. 2003
Construction and use of a novel chloroplast transformation vector: Introduction of the cry1Ac gene of *Bacillus thuringiensis* in tobacco plastome
Guide: Dr. V. Sekar
Madurai Kamaraj University, Madras, India
Pages: 184
- 33- Muraleedharan Nair, T. 2006
Development and characterization of ethylene propylene diene monomer rubber/styrene butadiene rubber blends
Guide: Dr. M.G. Kumaran and Dr. G. Unnikrishnan
Mahatma Gandhi University, Kottayam, India
Pages: 171
- 34- Nageswara Rao, D.V.K. 2000
Productivity classification of soils under rubber (*Hevea brasiliensis* Muell. Arg.) in Kerala
Guide: Dr. A.J. Jose
Kerala Agricultural University, Thrissur, India
Pages: 166
- 35- Panikkar, A.O.N. 1974
Anatomical studies on *Hevea brasiliensis* Muell. Arg. with special reference to bark regeneration
Guide: Dr. B.D. Deshpande
Birla Institute of Technology and Science, Pilani, Rajasthan, India
Pages: 218
- 36- Peethambaran, N.R. 1990
Studies on vulcanization, rheology and reinforcement of natural rubber latex with special reference to accelerator combinations, surface active agents and gamma irradiation
Guide: Dr. A.P. Kuriaikose
Cochin University of Science and Technology, Kochi, India
Pages: 182
- 37- Philipose Oommen 2005
Studies on the structure of bark of *Hevea brasiliensis* with special reference to alignment of phloic elements and clonal variability
Guide: Dr. C.P. Reghu
Mahatma Gandhi University, Kottayam, India
Pages: 143

- 38- Ponnamma, M.M. 1995
Chemical studies of effluents from rubber industry
Guide: Dr. S.S. Dhaktode
University of Bombay, Bombay, India
Pages: 262
- 39- Prathapan, K. 1995
Effect of cover crops on nutrient dynamics in the rubber plantations
Guide: Dr. C. Sreedharan
Kerala Agricultural University, Trivandrum, India
Pages: 235
- 40- Premakumari, D. 1992
Variability, correlations and path co-efficient analysis for yield in relation to anatomical characters in *Hevea brasiliensis* (Willd. ed Adr. de Juss.) Muell. Arg.
Guide: Dr. A.O.N. Panikkar
University of Kerala, Trivandrum, India
Pages: 260
- 41- Priya, P. 2005
Molecular cloning, characterization and expression of rubber elongation factor gene from *Hevea brasiliensis* Muell. Arg.
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 118
- 42- Punnoose, K.I. 1993
Inter-relationship of applied nutrients on growth, productivitiy and latex flow characteristics of *Hevea brasiliensis* Muell. Arg.
Guide: Dr. C. Sreedharan
Kerala Agricultural University, Trivandrum, India
Pages: 174
- 43- Radhakrishnan Nair, N. 1997
Studies on depolymerized liquid natural rubber
Guide: Dr. Sabu Thomas and Dr. N.M. Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 237
- 44- Ramesan, M.T. 2000
Dichlorocarbene modified styrene butadiene rubber and its application in rubber-rubber blends
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 212

- 45- Reethamma Joseph 2004
Studies on applications of rubber seed oil in elastomers and
plastics
Guide: Dr. Baby Kuriakose and Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 304
- 46- Rosamma Alex 1991
Self-vulcanisable rubber blends based on epoxidised natural rubber
Guide: Dr. Prajna P. De and Dr. N.M. Mathew
Indian Institute of Technology, Kharagpur, India
Pages: 241
- 47- Sabina, C.A. 2008
Description and analysis of natural vegetation in rubber (*Hevea brasiliensis*) farming
ecosystem
Guide: Dr. K.R. Vijayakumar
Mahatma Gandhi University, Kottayam, India
Pages: 437
- 48- Saji T. Abraham 2000
Genetic parameters and divergence in certain wild genotypes of *Hevea brasiliensis*
(Willd. ex Adr.de Juss.) Muell. Arg.
Guide: Dr. A.O.N. Panikkar and Dr. P.J. George
Mahatma Gandhi University, Kottayam, India
Pages: 203
- 49- Sara Chandy 1996
Studies on vulcanization kinetics, thermal conductivity and
technological properties of aluminium powder-filled natural
rubber compounds
Guide: Dr. Baby Kuriakose
Mahatma Gandhi University, Kottayam, India
Pages: 199
- 50- Saraswathy Amma, C.K. 1990
Morphological, cytological and genetical investigations on induced and
spontaneous male sterile clones of Para rubber tree [*Hevea brasiliensis* (Willd. ex
Adr. de Juss.) Muell. Arg.
Guide: Dr. A.N. Namboodiri and Dr. A.O.N. Panikkar
University of Kerala, Trivandrum, India
Pages: 176

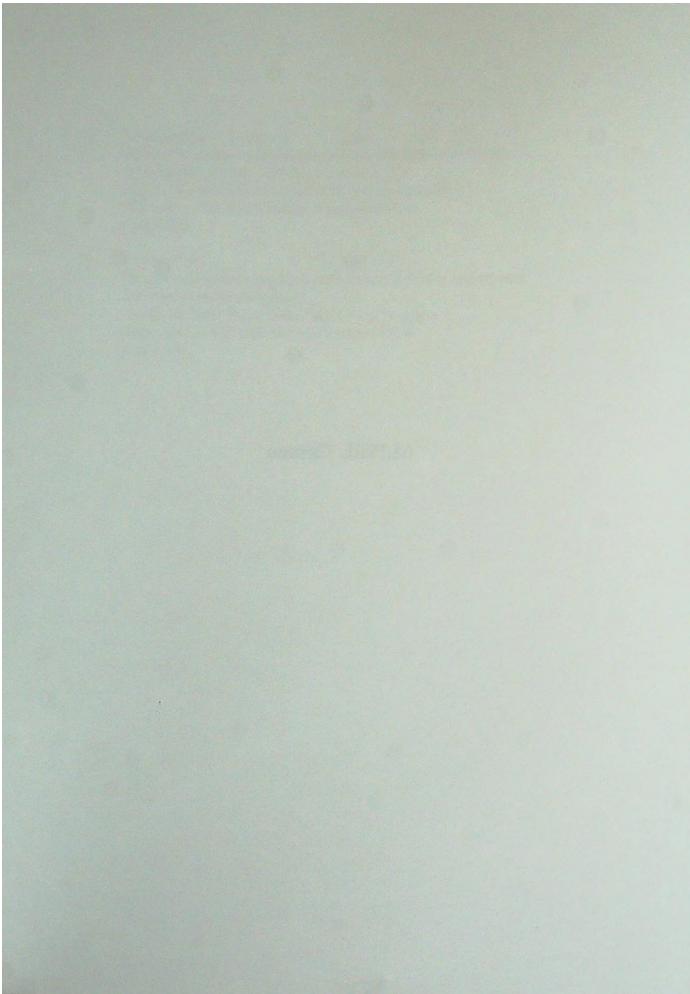
- 51- Sethuraj, M.R. 1977
Studies on the physiological factors influencing yield in *Hevea brasiliensis* Muell.
Arg.
Guide: Dr. C.K.N. Nair and Dr. Jai Narain Singh
Banaras Hindu University, Varanasi, India
Pages: 215
- 52- Sheela P. Simon 2003
Carbohydrate metabolism and ionic balance in the latex
production mechanism in *Hevea brasiliensis*
Guide: Dr. G. Muraleedhara Kurup and Dr. K.R. Vijayakumar
Mahatma Gandhi University, Kottayam, India
Pages: 187
- 53- Siby Varghese 1992
Studies on short sisal fibre reinforced natural rubber
composites
Guide: Dr. Sabu Thomas and Dr. Baby Kuriakose
Mahatma Gandhi University, Kottayam, India
Pages: 212
- 54- Sisira Kumara Weerawardana Jayasuriya 1977
The Long term investment decision: A case study of the rubber
smallholders of Sri Lanka
Guide: Dr. Colin Barlow, Dr. R.T. Shand and Dr. D. Etherington
Australian National University, Australia
Pages: 279
- 55- Snoopy George 1998
Thermoplastic elastomers from isotactic polypropylene/nitrile
rubber blends: Effect of compatibilisation and dynamic
vulcanisation
Guide: Dr. Sabu Thomas and Dr. K.T. Varughese
Mahatma Gandhi University, Kottayam, India
Pages: 289
- 56- Sobha, S. 2005
Superoxide dismutase gene integration and expression in
transgenic *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 125

- 57- Sobhana, P. 1998
Physiology of rooting and stock-scion interaction in *Hevea*
Guide: Dr. M.R. Sethuraj
University of Kerala, Trivandrum, India
Pages: 232
- 58- Sreelatha, S. 2003
Biochemical factors influencing latex flow during stress,
tapping frequency and stimulation in *Hevea brasiliensis*
Guide: Dr. S. Shashidhar
Mahatma Gandhi University, Kottayam, India
Pages: 204
- 59- Sunny Sebastian, M. 2005
Studies on the production, properties and processability of low protein latex
Guide: Dr. E.V. Thomas
Cochin University of Science and Technology, Kochi, India
Pages: 318
- 60- Suresh, P.R. 1992
Influence of source of phosphatic fertilizers and cover crops
on the management of phosphate nutrition in soils of rubber
plantations
Guide: Dr. G. Narayana Samy
Indian Agricultural Research Institute, New Delhi, India
Pages: 77
- 61- Sreekala, M.S. 1999
Oil palm fibres: A potential reinforcement in phenolic resins
Guide: Dr. M.G. Kumaran and Dr. Sabu Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 385
- 62- Syamaia, V.K. 2006
Characterisation of acidity and its management in rubber
growing soils
Guide: Dr. Mercykutty Joseph
Mahatma Gandhi University, Kottayam, India
Pages: 145
- 63- Thankamony, S. 2006
Studies on the effect of root-knot nematode *Meloidogyne*
incognita (Kofoid and White) chitwood, on *Pueraria phaseoloides* Benth.
Guide: Dr. R. Kothandaraman and Dr. C. Kuruvilla Jacob
Mahatma Gandhi University, Kottayam, India
Pages: 152

- 64- Thanseem Ismail 2004
Isolation and molecular characterization of β -1,3-Glucanase gene and its role in combating abnormal leaf fall disease in rubber tree (*Hevea brasiliensis* Muell. Arg.)
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 149
- 65- Thomas, K.T. 1997
Molecular breakdown of different forms of natural rubber and its influence on properties of their mixes and vulcanizates
Guide: Dr. N.M. Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 226
- 66- Thomas Sebastian 2003
Genetic studies on yield and certain yield components in the para rubber tree (*Hevea brasiliensis* (Willd. ex Adr. de Juss.) Muell. Arg.
Guide: Dr. C.K. Saraswathy Amma
Mahatma Gandhi University, Kottayam, India
Pages: 177
- 67- Tony Mathew 2008
Surface modification of carbon black by plasma polymerization: From process to performance in elastomer blend systems
Guide: Dr.J.W.M. Noordermeer and Dr. R.N. Datta
University of Twente, Enschede, The Netherlands
Pages: 176
- 68- Usha Nair, N. 1992
Biochemical aspects related to rubber biosynthesis and yield in *Hevea brasiliensis*
Guide: Dr. P.A. Kurup and Dr. M.R. Sethuraj
University of Kerala, Trivandrum, India
Pages: 114
- 69- Varghese Philip 1997
Soil moisture and nutrient influence on growth and yield of *Hevea brasiliensis* in Tripura
Guide: Dr. A.K. Krishna Kumar and Dr. B. Datta
Indian Institute of Technology, Kharagpur, India
Pages: 160

- 70- Vimalamma T. Abraham 2008
Physico-mechanical and biological treatment of effluent from
natural rubber latex centrifuging units
Guide: Dr. N. Radhakrishnan Nair and Dr. G. Madhu
Mahatma Gandhi University, Kottayam, India
Pages: 358
- 71- Vinod, V.S. 2000
Studies on aluminium powder filled natural rubber and styrene
butadiene rubber composites
Guide: Dr. Baby Kuriakose and Dr. Siby Varghese
Mahatma Gandhi University, Kottayam, India
Pages: 254

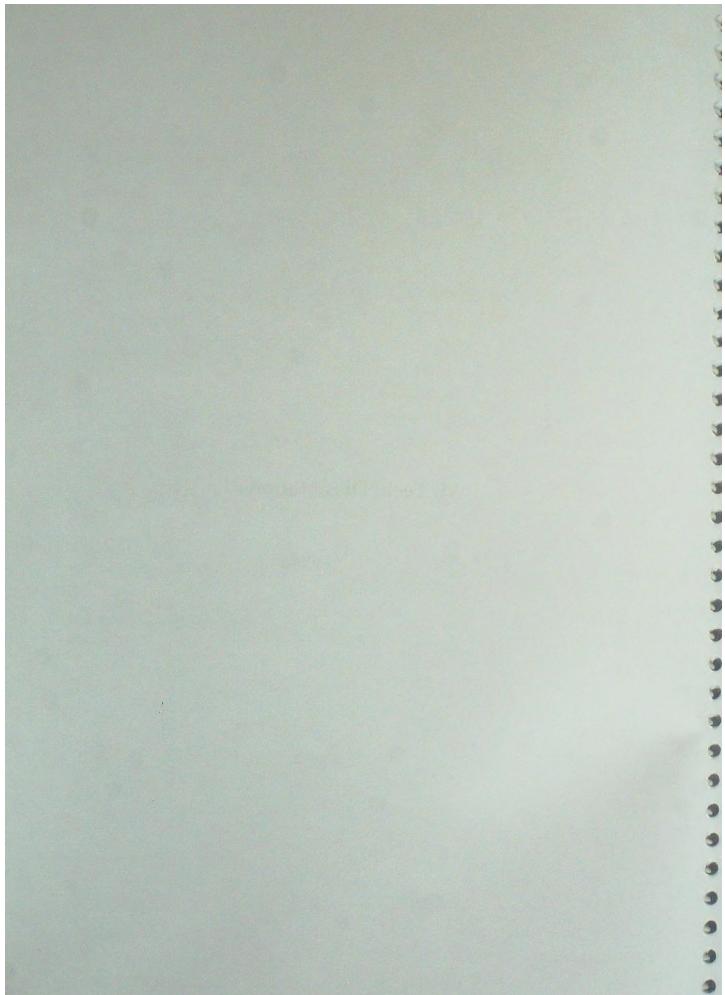
M.Phil. Theses



72-	Ajitha Mohan, T.V. 2007	Plant Pathology Plant growth promoting rhizobacteria from selected clones of <i>Hevea brasiliensis</i> Guide: Dr. Kochuthresiamma Joseph and Dr. Shaji Philip Mahatma Gandhi University, Kottayam, India Pages: 69
73-	Amith Abraham 2007	Plant Pathology Endophytic bacteria as potential biocontrol agents against major pathogens and their growth promotion in rubber (<i>Hevea brasiliensis</i>) Guide: Dr. Shaji Philip and Dr. Kochuthresiamma Joseph Mahatma Gandhi University, Kottayam, India Pages: 72
74-	Anumod, M.A. 2006	Plant Physiology Studies on tapping induced physiological and biochemical changes in the bark tissue of <i>Hevea brasiliensis</i> Guide: Dr. K. Annamalainathan Mahatma Gandhi University, Kottayam, India Pages: 47
75-	Divya S. Remanan 2007	Biotechnology Induction and development of somatic embryos from two high yielding clones of rubber tree (<i>Hevea brasiliensis</i> Muell. Arg.) Guide: Dr. S. Sushamakumari Mahatma Gandhi University, Kottayam, India Pages: 51
76-	Jom Jacob 1994	Economics Staggered replanting and income stabilisation: A case study of small rubber holdings in Kerala Guide: Dr. K. Narayanan Nair and Dr. D. Narayana Jawaharlal Nehru University, New Delhi, India Pages: 69
77-	Lekha Mary James 2006	Plant Physiology Relationship between lipid content of latex and rubber yield in a few selected clones of <i>Hevea brasiliensis</i> Guide: Dr. Molly Thomas and Dr. James Jacob Mahatma Gandhi University, Kottayam, India Pages: 52

- 78- Mrudula P. Mustapha 2007 Plant Physiology
Engineering transient expression of chitinase gene in *Bacillus subtilis*, an
endosymbiont in *Hevea*: An approach to control *Corynespora* leaf disease in *Hevea
brasiliensis*
Guide: Dr.M.B. Mohammed Sathik and Dr. R. Krishnakumar
Mahatma Gandhi University, Kottayam, India
Pages: 72
- 79- Preethi Krishna 2007 Biotechnology
Development of binary vector and analysis of a 303 base pair
hevein promoter from *Hevea brasiliensis* through genetic
transformation
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 72
- 80- Renjini Raghavan 2007 Plant Physiology
Effect of ethylene stimulation on healthy and tapping panel
dryness (TPD) affected trees of *Hevea brasiliensis* (Willd. ex
Adr. de Juss.) Muell. Arg.
Guide: Dr. R. Krishnakumar
Mahatma Gandhi University, Kottayam, India
Pages: 59
- 81- Thomas Mathew 2000 Plant Pathology
A Study of the microflora associated with two rubber clones and their beneficial
roles
Guide: Dr. C. Kuruvilla Jacob
Mahatma Gandhi University, Kottayam, India
Pages: 101

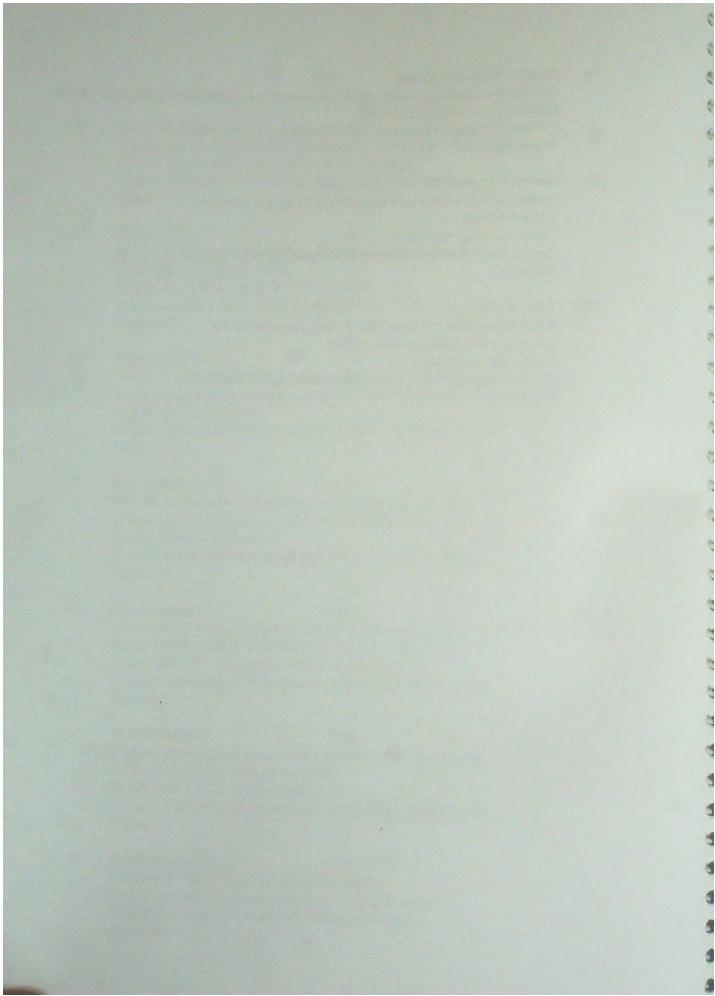
M. Tech. Dissertations



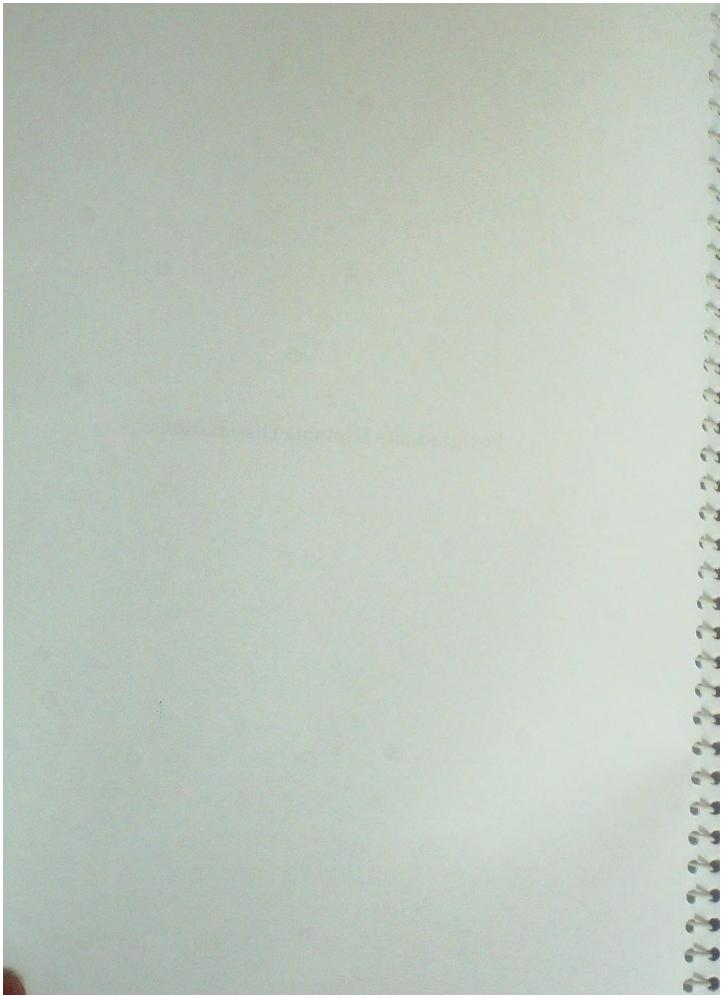
- 82- Abraham, G. K. 2006
Studies on ENR/EPDM blends
Guide: Dr. Santanu Chattopadhyay and Dr. Benny George
Indian Institute of Technology, Kharagpur, India
Pages: 108
- 83- Arumugam, P. 2006
Studies on treatment of effluent generated from latex
centrifuging factories
Guide: Dr. M. Sunny Sebastian
Cochin University of Science and Technology, Kochi, India
Pages: 99
- 84- Chandrashekhar, T.R. 1990
Productivity of rubber (*Hevea brasiliensis* (Willd. ex Adr. de Juss) Muell. Arg.) in relation to changes in different
physiological parameters in a dry subhumid climatic region
Guide: Dr. M.K. Jana and Dr. K.R. Vijayakumar
Indian Institute of Technology, Kharagpur, India
Pages: 73
- 85- Claramma Rosary, T.M. 2005
Design of a treatment plant for combined effluent from ribbed
smoked sheet and estate brown crepe processing unit
Guide: Dr. Jacob Mathew
B.M.S. College of Engineering, Bangalore, India
Pages: 108
- 86- Elizabeth, K.I. 1995
Studies on treatments of examination gloves for reducing the
extractable protein content
Guide: Mr. K.S. Gopalakrishnan
Cochin University of Science and Technology, Kochi, India
Pages: 79
- 87- Geethamma, V.G. 1991
Studies on effect of reclaimed rubber on the flow behaviour of natural rubber
compounds
Guide: Dr. Baby Kuriakose
Cochin University of Science and Technology, Kochi, India
Pages: 64

- 88- Jacob K. Varkey 1988
Studies on the use of 1,2-polybutadiene in microcellular solings
Guide: Dr. Prajna P. De and Dr. N.M. Mathew
Indian Institute of Technology, Kharagpur, India
Pages: 104
- 89- Mani, K.T. 1983
Effect of viscosity-modifiers on the pick-up and technical properties of dipped goods
Guide: Dr. S.K. De and Dr. E.V. Thomas
Indian Institute of Technology, Kharagpur, India
Pages: 63
- 90- Rajammal, G. 1996
Studies on radiation vulcanization of natural rubber latex using n-butyl acrylate as sensitizer and its rheological behaviour
Guide: Dr. E.V.Thomas
Cochin University of Science and Technology, Kochi, India
Pages: 48
- 91- Sasidharan, K.K. 2002
Studies on the effect of storage on stability and physical properties of sulphur prevulcanized natural rubber latex
Guide: Mrs. G. Rajammal
Cochin University of Science and Technology, Kochi, India
Pages: 38
- 92- Sheela Joseph 1995
Transport of aliphatic hydrocarbon liquids through conventionally vulcanized natural rubber filled with different types of silica filler
Guide: Dr. M.G. Kumaran and Dr. Sabu Thomas
Cochin University of Science and Technology, Kochi, India
Pages: 73
- 93- Sheria Mathew 1998
Studies on heat sensitization of natural rubber latex using poly vinyl methyl ether as sensitizer
Guide: Mr. K.S. Gopalakrishnan
Cochin University of Science and Technology, Kochi, India
Pages: 75
- 94- Subhranshu Gupta 2004
Studies on NR/NR-g-PMMA/PVC blends
Guide: Dr. Benny George and Prof. Dipak Khastgir
Indian Institute of Technology, Kharagpur, India
Pages: 60

- 95- Sunil K. Narayankutty 1987
Correlation of abrasion index and cut growth rate of different elastomer blends
Guide: J.K. Industries, Rajasthan
Cochin University of Science and Technology, Kochi, India
Pages: 46
- 96- Sunny Sebastian, M. 1993
Studies on the quality and consistency of Indian Standard
Natural rubber
Guide: Dr. M.G. Kumaran
Cochin University of Science and Technology, Kochi, India
Pages: 86
- 97- Tessy K. George 2000
Effect of leaching NR latex film in enzyme solution for
reducing extractable protein content
Guide: Mrs. G. Rajammal
Cochin University of Science and Technology, Kochi, India
Pages: 57



Postgraduate Diploma Dissertations



- 98- Abdul Hameed, A. 1996
A Comparative study on the performance of RRRI 105 under high
and low density planting in Chirayinkeezh Taluk
Guide: Dr. C.K. Saraswathy Amma
Kerala Agricultural University, Thrissur, India
Pages: 38
- 99- Abdul Rahiman, A.K. 1994
Adoption of drought management practices by rubber planters in Kunnathunadu
taluk of Ernakulam district
Guide: Dr. K.R. Vijayakumar
Kerala Agricultural University, Thrissur, India
Pages: 47
- 100- Abraham Joy, K. 1995
Performance of RRRI 105 in higher elevations of Thodupuzha
taluk in Idukki district
Guide: Dr. A.O.N. Panikkar
Kerala Agricultural University, Thrissur, India
Pages: 55
- 101- Abraham, T.A. 1991
A Comparative study of the performance of clones under category No. 1 in the
estate and smallholding sectors of Pathanamthitta
Guide: Dr. A.O.N. Panikkar
Kerala Agricultural University, Thrissur, India
Pages: 36
- 102- Augusthy Luka, K. 1991
Investigation on the clonal susceptibility of powdery mildew
disease in rubber plantations in Meenachil, Kanjirappally and
Peermedu taluks of Kottayam and Idukki districts
Guide: Dr. K. Jayarathnam
Kerala Agricultural University, Thrissur, India
Pages: 28
- 103- Chandra Bose, R.N. 1991
Rubber magazine as a carrier in disseminating information on
improved techniques in rubber cultivation and processing
Guide: Mr. P.K. Narayanan
Kerala Agricultural University, Thrissur, India
Pages: 63

- 104- Damodaran, M.V. 1991
A Study on the performance of clones in two large estates of
South Karnataka
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 54
- 105- Gangadharan, O.P. 1992
Major diseases affecting rubber and its control measures
adopted by small growers of Tellicherry taluk
Guide: Dr. K. Jayarathnam
Kerala Agricultural University, Thrissur, India
Pages: 64
- 106- Guruprasad, M.K. 1992
Leaf litter addition and nutrient recycling in rubber (*Hevea
brasiliensis* (Muell. Arg.) in Vellanikkara estate
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 37
- 107- Jain, P.M. 1991
Evaluation of the incidence of pink disease in rubber
plantations in Kanjirappally taluk, Kerala State
Guide: Dr. K. Jayarathnam
Kerala Agricultural University, Thrissur, India
Pages: 28
- 108- Jose, M.J. 1991
Impact of rubber producers' societies on rubber plantation
industry in Kasaragod district
Guide: Mr. P.K. Narayanan
Kerala Agricultural University, Thrissur, India
Pages: 39
- 109- Karthikeyan, K.V. 1993
Effect of planting density on the growth of rubber in the
Vellanikkara estate
Guide: Dr. C.K. Saraswathy Amma
Kerala Agricultural University, Thrissur, India
Pages: 25

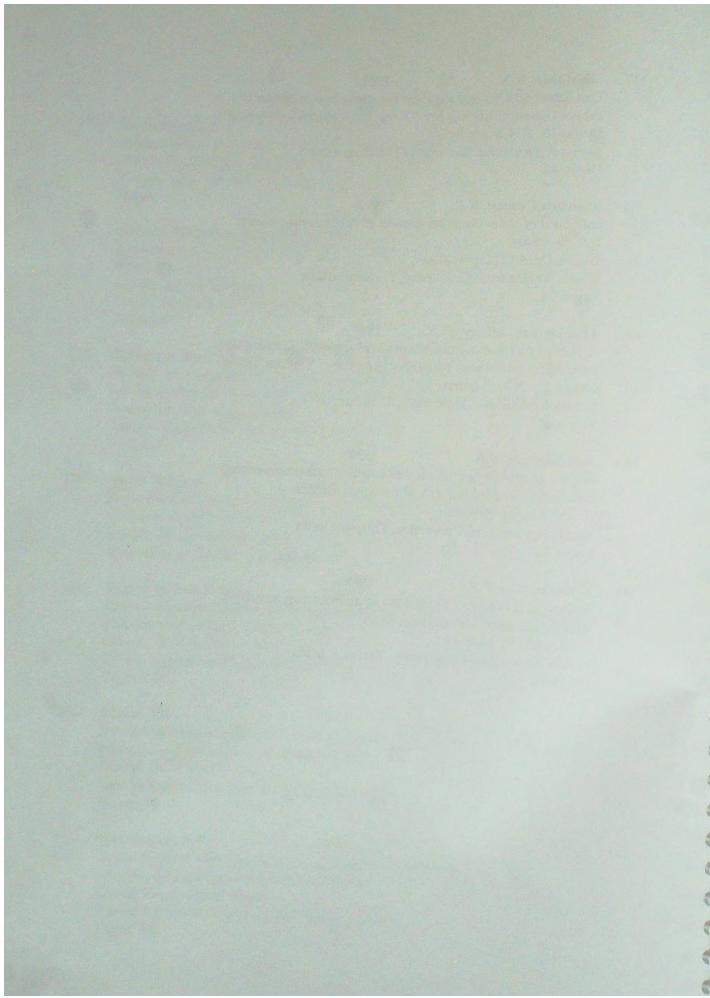
- 110- Kingsly, P.S. 1993
Economic analysis of banana, tapioca and ginger on intercrops
in rubber plantations of Trichur, India
Guide: Dr. K. Tharian George
Kerala Agricultural University, Thrissur, India
Pages: 44
- 111- Lakshmi Chandra, S. 2004
Natural rubber plantation industry and the environment
Guide: Dr. Jacob Mathew
National Law School of India, Bangalore, India
- 112- Mathew John 1994
The Performance of clone RRII 105 in Kuttanad Taluk of Alleppey district
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 57
- 113- Mohammed Abdul Kader, S.S. 1996
The Impact of rubber plantation insurance scheme in traditional rubber growing
tracts of Kerala
Guide: Dr. A.K. Krishnakumar
Kerala Agricultural University, Thrissur, India
Pages: 51
- 114- Mohanan, K.G. 1991
A study on the processing of latex produced by the small rubber farmers of
Kidangoor village
Guide: Dr. N.M. Mathew
Kerala Agricultural University, Thrissur, India
Pages: 53
- 115- Mohanan, V. 1991
Studies on fertility status of rubber growing soils of Palakkad district
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 17
- 116- Muralidharan, V. 1991
Comparative study on the yield performance of important clones in the estate
sector of Kozhikode and Malappuram districts
Guide: Dr. A.O.N. Panikkar
Pages: 46

- 117- Parameswaran Nair, K. 1991
Studies on fertility status of rubber growing soils in Kottayam Taluk
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 29
- 118- Paribalan, P. 1992
Survey on incidence of pink disease in Nedumanagad taluk of
Trivandrum district
Guide: Dr. C. Kuruvilla Jacob
Kerala Agricultural University, Thrissur, India
Pages: 56
- 119- Perumal Pillai, S. 1992
A Comparative study of yield performance of two important
clones of rubber - RRII 105 and RRIM 600 in Mooply valley of
Thrissur district
Guide: Dr. A.O.N. Panikkar
Kerala Agricultural University, Thrissur, India
Pages: 51
- 120- Ponnamma V. John 1994
Usefulness of incentives provided by Rubber Board to the rubber growers of
Kottayam taluk
Guide: Mr. P.K. Narayanan
Kerala Agricultural University, Thrissur, India
Pages: 49
- 121- Rabi Ram Baro 1992
Impact of additional incentive scheme for rubber in Assam
Guide: Mr. P.K. Narayanan
Kerala Agricultural University, Thrissur, India
Pages: 48
- 122- Radhakrishnan, T.P. 1997
Impact of trading companies jointly sponsored by Rubber Board and
Rubber Producer's Societies on growers in Kottayam and Thrissur districts
Guide: Dr. A.K. Krishna Kumar
Kerala Agricultural University, Thrissur, India
Pages: 89
- 123- Raghavan, K.K. 1992
Cataloguing of medicinal plants in Vellanikkara rubber estate
Guide: Dr. P.J. George
Kerala Agricultural University, Thrissur, India
Pages: 90

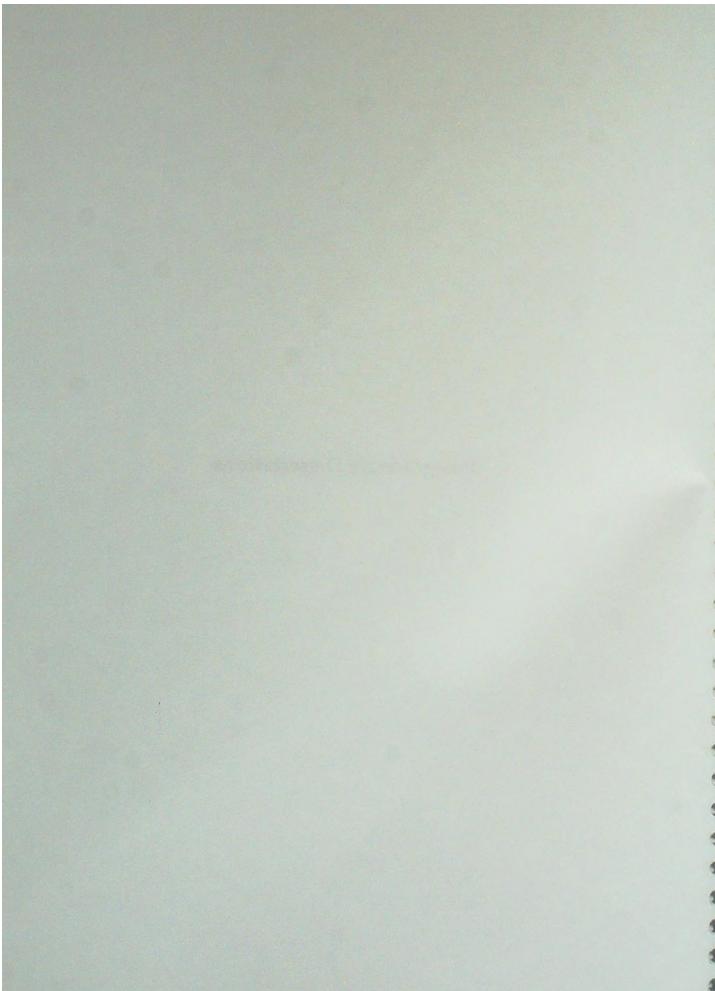
- 124- Rajan, S. 1994
Leaf litter addition and nutrient recycling in two clones of rubber
(*Hevea brasiliensis* Muell. Arg.) at Vellanikkara estate of Kerala
Agricultural University
Guide: Dr.S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 70
- 125- Rajendran, P.V. 1992
Comparative study of fertilizer recommendations based on soil
and leaf analysis vis a vis blanket recommendations of Rubber Board
Guide: Mr. M. Mathew
Kerala Agricultural University, Thrissur, India
Pages: 65
- 126- Ramachandran, M. 1992
Comparative study of the performance of polybag plants vis a
vis budded stumps in smallholdings of Kannur district
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 38
- 127- Ramakrishnan, A. 1991
Crop insurance in rubber plantations
Guide: Dr. V. Haridasan
Kerala Agricultural University, Thrissur, India
Pages: 33
- 128- Ravindra Das, K. 1994
The performance of rubber clones in Pullengode estate in Ernak Taluk of
Malappuram district
Guide: Dr. C.K. Saraswathy Amma
Kerala Agricultural University, Thrissur, India
Pages: 55
- 129- Reghu Raman, V 1994
Tapping systems adopted by small growers of Taliparamba taluk
and its impact on yield of rubber
Guide: Dr. S. Sulochanamma
Kerala Agricultural University, Thrissur, India
Pages: 62

- 130- Sasisdharan, T.B. 1991
Rainguarding in small holdings of Muvattupuzha taluk
Guide: Dr. K.R. Vijayakumar
Kerala Agricultural University, Thrissur, India
Pages: 24
- 131- Sathees Chandran Nair,M.G. 1994
Performance evaluation of rubber under different planting intensities
Guide: Mr. M. Mathew
Kerala Agricultural University, Thrissur, India
Pages: 38
- 132- Sebastian Michael 1994
Incidence of tapping panel dryness in rubber in the smallholdings of Meenachil Taluk
Guide: Dr. K.R. Vijayakumar
Kerala Agricultural University, Thrissur, India
Pages: 58
- 133- Seena William 2005
Expression of induced systemic acquired resistance in novel clones of *Hevea brasiliensis*
Guide: Dr.C. Kuruvilla Jacob and Dr. P. Srinivas
University of Kerala, Trivandrum, India
- 134- Shanmugham, R.M. 1993
Impact of natural rubber processing campaign 1992 of the rubber board on small growers in Palakkad district, Kerala
Guide: Mr. P.K. Narayanan
Kerala Agricultural University, Thrissur, India
Pages: 80
- 135- Simon, P.C. 1992
Studies on intercropping in rubber plantation with ginger, plantain and gingelly in Taliparamba taluk
Guide: Dr. V. Haridasan
Kerala Agricultural University, Thrissur, India
Pages: 40
- 136- Sreedharan, A.P. 1992
Major diseases affecting rubber and its control measures adopted by small growers of Vaikom taluk
Guide: Dr. K. Jayarathnam
Kerala Agricultural University, Thrissur, India
Pages: 64

- 137- Sumadhan, K.N. 1993
Leaf litter addition and nutrient recycling in two clones of rubber (*Hevea brasiliensis* Muell. Arg.) in Vellanikkara estate
Guide: Dr. S.N. Potty
Kerala Agricultural University, Thrissur, India
Pages: 62
- 138- Sushama Kumari, K.R. 1994
Influence of cover crops on growth of rubber and on soil fertility status
Guide: Dr. A.O.N. Panikkar
Kerala Agricultural University, Thrissur, India
Pages: 36
- 139- Thankappan Achary, M.K. 1993
A Survey on the extent of adoption of scientific tapping and processing techniques by rubber growers of Vaikom Taluk
Guide: Dr. N.M. Mathew
Kerala Agricultural University, Thrissur
Pages: 61
- 140- Vijayakumar, V.R. 1994
Impact of rubber plantation development schemes among smallholders of rubber in Malappuram district
Guide: Mr. Joy P. Korah
Kerala Agricultural University, Thrissur, India
Pages: 72
- 141- Vijayakumari, P.R. 1993
Economic feasibility of betelvine as an intercrop in rubber smallholdings of Mavelikkara taluk
Guide: Mr. M. Mathew
Kerala Agricultural University, Thrissur, India
Pages: 72



Postgraduate Dissertations



M.B.A.

- 142- Chacko, K.C. 1999
Analysis and forecast of NR market
Guide: Mr. Joy Jacob
Mahatma Gandhi University, Kottayam, India
Pages: 69

M.L.I.Sc.

- 143- Accamma C. Korah 1989
Information needs and use pattern: A study with special
reference to the scientists in the Rubber Research Institute
of India
Guide: Dr. G. Devarajan
University of Kerala, Trivandrum, India
Pages: 128
- 144- Ajitha, A.S. 1999
Research in rubber chemistry and technology: A bibliometric
study and trend report 1994-98
Guide: Dr. G. Devarajan
University of Kerala, Trivandrum, India
Pages: 178
- 145- Mercy Jose 1990
Computer based bibliographic databases in information
retrieval: A Trend report 1982-86
Guide: Dr. G. Devarajan
University of Kerala, Trivandrum, India
Pages: 215

BIOTECHNOLOGY

- 146- Akshaya Vijayan 2010
Effect of growth regulators on friable callus induction from Mn SOD transgenic cell lines of *Hevea brasiliensis*
Guide: Dr. S. Sobha
Cochin University of Science and Technology, Kochi, India
Pages: 51
- 147- Aswathy M. Varghese 2007
Molecular cloning and characterization of cis-prenyl transferase gene from *Hevea brasiliensis* (Clone RRII 430 and RRII 105)
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 52
- 148- Jayesh Antony 2003
Identification of a polymorphic band associated with powdery mildew disease tolerance in *Hevea brasiliensis* by PCR based DNA fingerprinting technique
Guide: Dr. P. Venkatachalam
Mahatma Gandhi University, Kottayam, India
Pages: 64
- 149- Jini Joseph 2005
RAPD analysis to identify markers for abnormal leaf fall disease tolerance in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 47
- 150- Kukku Joyce 2007
Development of a binary vector for promoter analysis through transgenic approaches in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 56
- 151- Leena Varghese 2005
Random amplified polymorphic DNA analysis of *Hevea* germplasm to screen for DNA marker linked to abnormal leaf fall disease in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
University of Kerala, Thiruvananthapuram, India
Pages: 40

- 152- Madhu, P.C. 2001
Detection of section specific random amplified polymorphic DNA markers in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 32
- 153- Parvathy Ashok 2008
Molecular cloning and characterization of farnesyl diphosphate synthase gene from *Hevea brasiliensis* clone RRII 430
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 84
- 154- Pradeep, D. 2003
Development of DNA markers in *Hevea brasiliensis* using RAPD analysis
Guide: Dr. A. Thulaseedharan
Periyar University, Tiruchengode, India
Pages: 39
- 155- Preema, C.J. 2002
PCR amplification and sequencing of the gene coding for Hevein from rubber tree (*Hevea brasiliensis*)
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 40
- 156- Pemaraj 2008
Molecular cloning and sequence characterization of cis-prenyl transferase 2 gene from *Hevea brasiliensis* (clone RRII 430)
Guide: Dr. A. Thulaseedharan
Cochin University of Science and Technology, Kochi, India
Pages: 51
- 157- Rajagopal, R. 2004
RAPD analysis to study the inheritance of abnormal leaf fall disease tolerance in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 45

- 158- Ranjith, K.P. 2005
Isolation, cloning and sequence characterization of superoxide dismutase isoforms from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Kannur University, Kannur, India
Pages: 59
- 159- Reshma, R. S. 2009
Factors influencing *Agrobacterium tumefaciens* mediated genetic transformation of *Hevea brasiliensis*
Guide: Dr. S. Sobha
Mahatma Gandhi University, Kottayam, India
Pages: 56
- 160- Sabitha Anand 2005
Isolation and characterisation of a laticiferous specific promoter of 3-hydroxy-3-methyl glutaryl-coenzyme A reductase gene from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Kannur University, Kannur, India
Pages: 55
- 161- Santhosh K. Cherian 2001
Random amplified polymorphic DNA analysis in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Periyar University, Salem, India
Pages: 24
- 162- Seeja K. Iype 2005
Random amplified polymorphic DNA markers for disease tolerance in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Periyar University, Salem, India
Pages: 33
- 163- Shameena, K. 2005
Identification, cloning and sequence of a DNA marker linked to abnormal leaf fall disease in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 62

- 164- Sherin Mathew 2004
Molecular screening for *Phytophthora* tolerance in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Bharathidasan University, Tiruchirappalli, India
Pages: 27
- 165- Siraj, M.V.P. 2004
PCR amplification, cloning and sequence analysis of Glyoxalase I gene from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Kannur University, Kannur, India
Pages: 47
- 166- Sowmya, M. 2006
PCR amplification and cloning of B-1,3 glucanase genome sequence from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 65
- 167- Sreeja, S. 2003
Screening of *Hevea* germplasm for DNR markers using RAPD analysis
Guide: Dr. A. Thulaseedharan
Periyar University, Salem, India
Pages: 37
- 168- Sunitha, S.S. 2000
Effect of cytokinins on germination of somatic embryos in *Hevea brasiliensis* (Muell.) Arg.
Guide: Dr. A. Thulaseedharan and P. Kumari Jayasree
Mahatma Gandhi University, Kottayam, India
Pages: 28
- 169- Surya Sukumaran 2009
Cloning and characterization of a rubber elongation factor (REF) like gene from *Hevea brasiliensis* (Clones RRII 414 and RRIC 100)
Guide: Dr. A. Thulaseedharan
Mahatma Gandhi University, Kottayam, India
Pages: 54

- 170- **Tessy Joe** 2009
Screening for disease tolerance using random amplified polymorphic DNA's in *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Periyar University, Salem, India
Pages: 31
- 171- **Varghese Thomas, K.** 2009
Isolation and cloning of a novel rubber elongation factor like gene from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Cochin University of Science and Technology, Kochi, India Pages: 43
- 172- **Veena, O.** 2002
Screening for *phytophthora* tolerance in *Hevea brasiliensis* using random amplified polymorphic DNA
Guide: Mr. M. Jayaseelan
Bharathidasan University, Tiruchirapalli, India
Pages: 34
- 173- **Vidhya Varghese**
PCR amplification of the gene coding for a Hevein like protein from *Hevea brasiliensis*
Guide: Dr. A. Thulaseedharan
Periyar University, Salem, India
Pages: 28

BOTANY

- 174- **Bitha, N.B.** 2004
Variability and correlations in some popular clones of *Hevea brasiliensis* and their hybrid progenies
Guide: Dr. Kavitha K. Mydin
University of Calicut, Calicut, India
Pages: 69
- 175- **Chithra, M.** 2008
Genetic variability and associations for yield and yield components in certain exotic clones of (*Hevea brasiliensis* (Willd. ex Adr. de Juss.) Muell. Arg.)
Guide: Dr. T. Meenakumari
University of Calicut, Calicut, India
Pages: 72

- 176- Dikesh, P. 2009
Wood anatomical studies in certain high yielding clones of
Hevea brasiliensis Muell. Arg.
Guide: Dr. T. Meenakumari
University of Calicut, Calicut, India
Pages: 41
- 177- Pramod, S. 2007
Alignment of cambium and histochemistry of tapping panel
dryness affected trees of *Hevea brasiliensis*
Guide: Dr. Vinoth Thomas
Sardar Patel University, Anand, Gujarat, India
Pages: 56
- 178- Pravitha, M. 2008
Juvenile characterization of half-sibs and full-sibs of rubber(*Hevea brasiliensis*
(Willd. ex Adr. de Juss.) Muell. Arg.)
Guide: Dr. T. Gireesh
University of Calicut, Kerala, India
Pages: 77

GERMPLASM

- 179- Ajith J. Nair 2009
Studies on ethylene mediated lignin biosynthesis in the bark
tissue of *Hevea brasiliensis*
Guide: Dr. C.P. Reghu
Mahatma Gandhi University, Kottayam, India
Pages: 77
- 180- Arun, K.B. 2008
Studies on lignin biosynthesis in *Hevea brasiliensis*
Guide: Dr. C.P. Reghu
Mahatma Gandhi University, Kottayam, India
Pages: 80
- 181- Geena Jose 2005
Screening of rubber (*Hevea brasiliensis*) germplasm for drought tolerance based on
biochemical parameters
Guide: Dr. M.A. Mercy
Mahatma Gandhi University, Kottayam, India
Pages: 54

PATHOLOGY

- 182- Afsa, M. 2005
A Comparative study of different *Pleurotus* spp. on rubber wood sawdust
Guide: Dr. Jacob Mathew
Kannur University, Kannur, India
Pages: 43
- 183- Aju K. Asok 2003
A Comparative study of phosphate solubilizing microorganisms in rubber growing soils
Guide: Dr. Kochuthresiamma Joseph
Bharathidasan University, Tiruchirapalli, India
Pages: 53
- 184- Anu K. Kuruvilla 2007
Biocontrol activity and genetic diversity of endophytic bacteria against *Colletotrichum acutatum* causing leaf spot disease in *Hevea brasiliensis*
Guide: Dr. Shaji Philip
Cochin University of Science and Technology, Cochin, India
Pages: 47
- 185- Anupama, K. 2004
Morphological and molecular characterization of different isolates of *Phytophthora* causing abnormal leaf fall disease in *Hevea brasiliensis* through rDNA-RFLP
Guide: Dr. Annakutty Joseph, Dr. Shaji Philip and Dr. C. Kuruvilla Jacob
Kannur University, Kannur, India
Pages: 24
- 186- Babbitha S. Madhu 2006
Diversity of bacteria nodulating *Mucuna bracteata* from North Eastern India
Guide: Dr. Kochuthresiamma Joseph
Mahatma Gandhi University, Kottayam, India
Pages: 44
- 187- Bijitha, P.K. 2009
Laboratory screening of bacterial antagonists for integrated pathogen management of *Hevea brasiliensis*
Guide: Dr. Kochuthresiamma Joseph
Kannur University, Kannur, India
Pages: 86

- 188- Bliss Babu 2002
Studies on the effect of nitrogen fixing bacteria on the growth of *Pueraria phaseoloides*
Guide: Dr.Jacob Mathew and Dr. Kochuthresiamma Joseph
Bharathiar University, Coimbatore, India
Pages: 33
- 189- Cina Ann Zachariah 2002
Detection of genetic variability among five *Corynespora cassiicola* isolates from different rubber growing areas
Guide: Dr. Shaji Philip
Periyar University, Thiruchengode, India
Pages: 29
- 190- Dahlia, P. 2003
Molecular characterization of seven *Phytophthora* isolates from *Hevea brasiliensis*
Guide: Dr. Shaji Philip
Periyar University, Salem, India
Pages: 38
- 191- Deepthi, P.R. 2007
Studies on cultural, physiological, pathological and molecular variability among *Cylindrocladium quinqueseptatum* isolates and the reaction of some *Hevea* clones to the pathogen
Guide: Dr. Annakutty Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 68
- 192- Elvy P. Varghese 2003
Morphology, pathogenicity and genetic variability among isolates of *Corynespora cassiicola* from different rubber growing areas of S. India
Guide: Dr. Shaji Philip and Dr. Annakutty Joseph
Bangalore University, Bangalore, India
Pages: 38
- 193- Farha, A.K. 2008
Studies on non-target effects of agrochemicals on bacterial isolates from rubber plantation
Guide: Dr. Kochuthresiamma Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 110

- 194- Jency John 2007
Studies on beneficial effects and genetic diversity of root nodulating bacteria of *Mucuna bracteata*
Guide: Dr. Kochuthresiamma Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 65
- 195- Jinu George 2002
Studies on the effect of phosphate solubilizing bacteria on the growth of *Pueraria phaseoloides*
Guide: Dr. Jacob Mathew and Dr. Kochuthresiamma Joseph
Bharathiar University, Coimbatore, India
Pages: 37
- 196- Jobey Zacharia 2003
Molecular characterization of eight *Phytophthora* isolates from *Hevea brasiliensis*
Guide: Dr. Shaji Philip
Periyar University, Salem, India
Pages: 27
- 197- Julie Mathew 2002
Detection of genetic variability among five *Phytophthora* isolates from different rubber growing areas of Kerala
Guide: Dr. Shaji Philip
Periyar University, Salem, India
Pages: 21
- 198- Juliya Rani Francis 2001
Assessment of pollution from the processing effluents of ribbed smoked sheets (RSS) and its effect on the microbial contamination of the nearby water source
Guide: Dr. Jacob Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 34
- 199- Karuna Divakar 2008
Studies on toxin production and inactivation of toxin from *Corynespora cassiicola* causing *Corynespora* leaf fall disease of *Hevea brasiliensis*
Guide: Dr. Annakutty Joseph and Dr. C. Kuruvilla Jacob
Mahatma Gandhi University, Kottayam, India
Pages: 78

- 200- Lakshmi, R. 2002
Evaluation of the effluent treatment plant of a technically specified rubber (TSR) factory
Guide: Dr. Jacob Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 65
- 201- Linchu Kuruvilla 2003
Studies on the diversity of rhizobial isolates from rubber plantations and their nodulation on *Pueraria phaseoloides*
Guide: Dr. Kochuthresiamma Joseph
Bharathidasan University, Tiruchirapalli, India
Pages: 41
- 202- Lincy Sara Varughese 2002
Physiological pathological and genetic variability among *Corynespora cassicola* isolates from *Hevea brasiliensis*
Guide: Dr. Annakutty Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 52
- 203- Lisha, V.U. 2005
Population dynamics, brood development and foraging of Indian honey bee, *Apis cerana Indica* F. in rubber plantation
Guide: Dr. V.T. Jose
University of Calicut, Calicut, India
Pages: 78
- 204- Litty Thomas 2006
Microbiology of root region of *Hevea* under different stock-scion interaction
Guide: Dr. Kochuthresiamma Joseph and Dr. Shaji Philip
Kannur University, Kannur, India
Pages: 65
- 205- Manesh Mathew 2003
Molecular characterisation of nine *Phytophthora* isolates from *Hevea brasiliensis*
Guide: Dr. Shaji Philip
Periyar University, Salem, India
Pages: 27

- 206- Mathew John 2003
Molecular characterization of ten *Corynespora cassiicola*
isolates from *Hevea brasiliensis*
Guide: Dr. Shaji Philip
Periyar University, Rasipuram, India
Pages: 27
- 207- Mejosh Jose 2005
Placement report at the Rubber Research Institute of India,
Kottayam 686 009, Kerala
Guide: Dr. Jacob Mathew
University of Calicut, Calicut, India
Pages: 53
- 208- Punya Premrajan 2009
Evaluation of chemical fungicides and screening of hypovirulence for control of
Phytophthora spp. causing abnormal leaf fall disease in rubber (*Hevea brasiliensis*)
Guide: Dr. C. Bindu Roy
Kannur University, Kannur, India
Pages: 59
- 209- Raakhee Rajan 2006
Selection of bioagents against mould growth on stored sheet rubber
Guide: Dr. Shaji Philip and Dr. Kochuthresiamma Joseph
Kannur University, Kannur, India
Pages: 34
- 210- Rajasree, P.R. 2005
Studies on morphological, pathological, molecular variation of *Phytophthora* isolates
and clonal resistance among parental
clones and F2 progenies of RRII 105
Guide: Dr. Annakutty Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 70
- 211- Rakhi Jacob 2004
Phosphate solubilizing fungi in rubber growing soils: A
comparative study
Guide: Dr. Kochuthresiamma Joseph
Mahatma Gandhi University, Kottayam, India
Pages: 46

- 212- Ramesan, C.K.V. 2003
Effect of treated RSS rubber effluent on soil microbiological properties and growth characteristics of Cowpea
Guide: Dr. Jacob Mathew
Kannur University, Kannur, India
Pages: 69
- 213- Reeta Davis 2002
Effect of technically specified rubber (TSR) effluent on soil microbial properties and plant growth characteristics
Guide: Dr. Jacob Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 59
- 214- Rejith Kumar, S.L. 2003
Studies on the occurrence of tapping panel dryness (TPD) in clone RRII 105 in rubber smallholdings
Guide: Dr. Jacob Mathew
Centre for Plantation Development Studies, University of Calicut, Kerala, India
Pages: 72
- 215- Sanil, K.V. 2003
Evaluation of anaerobic immobilized growth digester
Guide: Dr. Jacob Mathew
Kannur University, Kannur, India
Pages: 61
- 216- Sanish Sathyam 2008
Investigations on the phytopathogenic endophytic microorganisms in relation to tapping panel dryness of rubber (*Hevea brasiliensis*)
Guide: Dr. Jacob Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 70
- 217- Shyama, E.B. 2004
Rhizosphere microflora and soil properties of *Hevea* in relation to tapping panel dryness (TPD)
Guide: Dr. C. Kuruvilla Jacob and Dr. Jacob Mathew
Kannur University, Kannur, India
Pages: 27

- 218- Shyni, S. 2009
Selection and evaluation of microorganisms degrading the phytotoxin produced by *Corynespora cassicola* causing Corynespora leaf fall disease of rubber
Guide: Dr. Annakutty Joseph and Dr. Shaji Philip
Mahatma Gandhi University, Kottayam, India
Pages: 83
- 219- Simi, P. 2003
Microbiology of biogas plant slurries, its influence on soil chemical and microbial properties and the growth properties of *Amananathus retroflexus*
Guide: Dr. Jacob Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 105
- 220- Sinju, V. 2002
Studies on the effect of phosphate solubilizing fungi on the growth of *Pueraria phaseoloides*
Guide: Dr. Jacob Mathew and Dr. Kochuthresiamma Joseph
Bharathiar University, Coimbatore, India
Pages: 42
- 221- Siraj, P.K. 2008
Recombinant vector construction for chitinase gene in *Hevea brasiliensis* activated by *Corynespora cassicola* infection
Guide: Dr. Shaji Philip and Dr. C. Kuruvilla Jacob
Kannur University, Kannur, India
Pages: 47
- 222- Soumithri Krishnanunny, P. 2008
Survival of *Phytophthora* spp. causing abnormal leaf fall (ALF) disease in rubber (*Hevea brasiliensis*)
Guide: Dr. C. Bindu Roy
University of Calicut, Calicut, India
Pages: 45
- 223- Soumya, K.K. 2007
Studies on the microbial contamination of latex and effects of antimicrobial agents on it
Guide: Dr. Jacob Mathew
Kannur University, Kannur, India
Pages: 43

- 224- Swapna Sudarshan 2005
 Pathological and genetic variability of *Corynespora cassicola* isolates from *Hevea brasiliensis*
 Guide: Dr. Annakutty Joseph and Dr. Shaji Philip
 Mahatma Gandhi University, Kottayam, India
 Pages: 43
- 225- Tisha Mereena Alex 2002
 Isolation and characterization of actinomycetes for the
 biocontrol of fungal phytopathogens of rubber (*Hevea brasiliensis*)
 Guide: Dr. Kochuthresiamma Joseph
 Bharathiar University, Erode, India
 Pages: 59
- 226- Titimon John 2002
 Detection of genetic variability among eight *Corynespora cassicola* isolates from different clones of *Hevea brasiliensis*
 Guide: Dr. Shaji Philip and Dr. Annakutty Joseph
 Calicut University, Kerala, India
 Pages: 33
- 227- Vandana Viswanathan 2009
 Development of antagonistic endophytic bacteria as potential
 biocontrol agents against *Corynespora* leaf fall disease of
 rubber (*Hevea brasiliensis*)
 Guide: Dr. Shaji Philip and Dr. Kochuthresiamma Joseph
 Kannur University, Kannur, India
 Pages: 90

PHYSIOLOGY

- 228- Anoop, P.C. 2004
 Biochemical composition of the soft bark tissues of high and
 low yielding clones of *Hevea brasiliensis*
 Guide: Dr. R. Krishnakumar
 Bharathidasan College of Arts and Science, Erode, India
 Pages: 45
- 229- Bensi Sara Eapen 2004
 Analysis of genetic distance between different genotypes of
Hevea
 Guide: Dr. Molly Thomas
 Periyar University, Tiruchengode, India
 Pages: 21

- 230- Chitra A. Nair 2005
Biochemical effect of stimulation in the latex of *Hevea brasiliensis* clone RRII 105
Guide: Dr. R. Krishnakumar
Mahatma Gandhi University, Kottayam, India
Pages: 63
- 231- Maneesha, M.G. 2009
Water stress induced changes in water relations and differential accumulation of soluble sugars and proline in *Hevea* clones
Guide: Jayasree Gopalakrishnan
Mahatma Gandhi University, Kottayam, India
Pages: 59
- 232- Nithya Rani, N.M. 2009
Drought induced changes in antioxidants and pigment composition in *Hevea* clones
Guide: Dr. Molly Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 58
- 233- Preethamol, C.G. 2005
Expression of drought responsive transcript (HbTRDMS) in *Hevea* clone RRII 105
Guide: Dr. Molly Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 234- Pretty Rose Mathew 2003
Determination of genetic distance between rootstock and scion by RAPD technique in budgrafted plants of *Hevea brasiliensis*
Guide: Dr. Molly Thomas
Periyar University, Thiruchengode, India
- 235- Rani Krishna 2008
Gene expression study in budgrafted rubber plants (*Hevea brasiliensis* Muell. Arg.) by mRNA differential display
Guide: Dr. N. Geetha
Mahatma Gandhi University, Kottayam, India
Pages: 45
- 236- Remya Shree, A.R. 2009
Cloning of B-cyanoalanine synthase gene of *Hevea brasiliensis* in PET expression vector
Guide: Dr. M.B. Mohamed Sathik
Mahatma Gandhi University, Kottayam, India
Pages: 74

- 237- Riya Mariam Philip 2008
 Changes in the pigment composition and antioxidants in the *Hevea* clones RRII 105 and RRIM 600 under drought stress conditions
 Guide: Dr. Molly Thomas
 Mahatma Gandhi University, Kottayam, India
 Pages: 51

238- Shermy, M.J. 2005
 Expression of drought-responsive transcript (HbTRDM5) in *Hevea* clone RRIM 600
 Guide: Dr. Molly Thomas and Dr. James Jacob
 University of Kerala, Thiruvananthapuram, India
 Pages: 36

239- Sony Thomas 2008
 Drought induced changes in photosynthesis and chloroplast proteins in young plants of *Hevea*
 Guide: Dr. K. Annamalai Nathan
 Sardar Patel University, Gujarat, India
 Pages: 40

240- Soumya Rani, V.S. 2003
 Identification of din2, senescence associated gene in *Hevea brasiliensis*
 Guide: M.B. Mohamed Sathik, N. Geetha & Dr. James Jacob
 Mahatma Gandhi University, Kottayam, India
 Pages: 64

241- Stalin, N. 2009
 Physiological and biochemical evaluation of few *Hevea* clones for tolerance to drought stress
 Guide: Dr. D. Bhuvanendran Nair
 Mahatma Gandhi University, Kottayam, India
 Pages: 67

242- Sujisha, T.C. 2009
 Phytohormones and oxidative stress in tapping panel dryness (TPD) affected *Hevea brasiliensis* (Willd. Ex. Adr de Juss.) Muell. Arg.
 Guide: Dr. R. Krishnakumar
 Mahatma Gandhi University, Kottayam, India
 Pages: 82

- 243- Susan Joy 2009
Chloroplast small heat shock protein in *Hevea brasiliensis*: A possible drought tolerance mechanism at organelle level
Guide: Dr. K. Annamalainathan
Mahatma Gandhi University, Kottayam, India
Pages: 78

RUBBER TECHNOLOGY

- 244- Akhila, A.K. 2010
Studies on radiation vulcanization of natural rubber latex:
Effect of using a synthetic stabilizer
Guide: Mrs. K. Mariamma George
University of Calicut, Calicut, India
Pages: 80
- 245- Alice Alexander 2005
Volatile fatty acid formation in natural latex
Guide: Prof. Mohan Varghese and Dr. M. Sunny Sebastian
Mahatma Gandhi University, Kottayam, India
Pages: 35
- 246- Anagha Sasidharan, V.K. 2009
Studies on NR/NBR blends via new route using skim NR latex
Guide: Dr. Rosamma Alex
University of Calicut, Calicut, India
Pages: 56
- 247- Anna Somy Koshy 2002
Effect of ammonia content on quality parameters of concentrated NR latex during storage
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 248- Babitha Jacob 2003
Effect of addition of potassium sulphate on viscosity and mechanical stability of RVNRL
Guide: Dr. M. Sunny Sebastian
Mahatma Gandhi University, Kottayam, India
Pages: 36

- 249- Bindhu, C.S. 1996
 Studies on the improvement of quality control parameters of technically specified natural rubber
 Guide: Dr. Baby Kuriaose and Dr. Rosamma Alex
 Mahatma Gandhi University, Kottayam, India
 Pages: 45
- 250- Bindu, M. 2001
 Evaluation of a new commercial coagulant mixture used in the preparation of rubber sheets
 Guide: Prof. K.J. Alexander
 Mahatma Gandhi University, Kottayam, India
 Pages: 17
- 251- Binu M. Mathew 1998
 Studies on modification of natural rubber by graft co-polymerization with methyl methacrylate
 Guide: Dr. N.M. Claramma
 Mahatma Gandhi University, Kottayam, India
 Pages: 85
- 252- Dhanya, C. 2011
 Effect of different forms of natural rubber on reinforcement characteristics using silica and ISAF black filler
 Guide: Mrs. K. Mariamma George
 University of Calicut, Calicut, India
 Pages: 68
- 253- Dhanya, K.K. 2010
 Studies on reinforcement of natural rubber using high density polyethylene an evaluation of a product
 Guide: Mr. K.N. Madhusoodanan
 University of Calicut, Calicut, India
 Pages: 54
- 254- Divya Soman 2006
 Effect of wood rosin on the mechanical stability of NR latex
 Guide: Dr. M. Sunny Sebastian
 Mahatma Gandhi University, Kottayam, India
 Pages: 27
- 255- Divya, T.R. 2008
 Development of grooved sole plate for railways
 Guide: TC Division, Rubber Board
 Calicut University, Kozhikode, India
 Pages: 26

- 256- Hemant R. Nair 2002
Studies on modification of natural rubber latex by graft copolymerization with styrene
Guide: Dr. N.M. Claramma
Mahatma Gandhi University, Kottayam, India
Pages: 47
- 257- Jacob T. Mani 1985
Controlled processing and marketing of smallholder rubber: A case study of smallholder development centre under Changannacherry co-operative rubber marketing society, Kottayam district, Kerala State
Guide: Dr. B.N. Tripathi
University of Allahabad, Allahabad, India
Pages: 108
- 258- Jayalakshmi, B. 2003
Studies on blends of natural rubber and polychloroprene rubber
Guide: Mrs. Leelamma Varghese
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 259- Jyothi Nataraj 2007
Effect of chemical treatment on plasticity retention index of block natural rubber
Guide: Dr. M. Sunny Sebastian
University of Kerala, Trivandrum, India
Pages: 52
- 260- Lekha, T.B. 1997
Factors affecting fatty acid soap catalysed acid coagulation of fresh field latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 51
- 261- Lisha, S.R. 2004
Studies on the effect of magnesium on behaviour of latex
Guide: Dr. M. Sunny Sebastian
University of Kerala, Trivandrum, India
Pages: 48

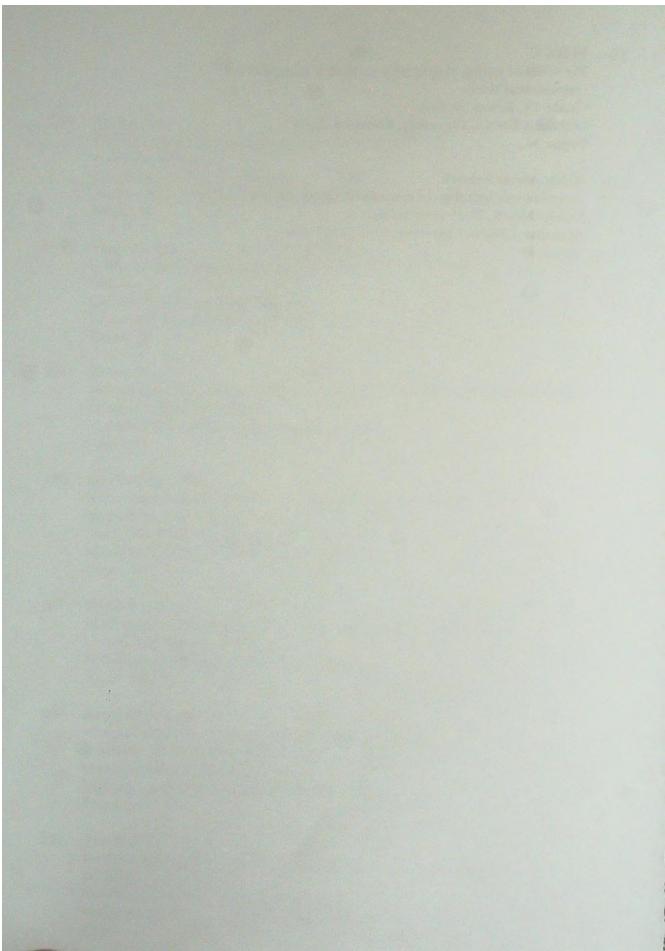
- 262- Manjukrishna, V. 2003
Epoxidised natural rubber as a reinforcement modifier for
china clay filled nitrile rubber
Guide: Mrs. K. Mariamma George
Calicut University, Calicut, India
Pages: 34
- 263- Manjusha, K.S. 2011
Epoxidised natural rubber for augmented reinforcement of silica filled natural
rubber.
Guide: Dr. Jacob K. Varkey
University of Calicut, Calicut, India
Pages: 62
- 264- Monsy Mathew 1992
Studies on the reclamation of crumbs from microcellular rubber sheets
Guide: Dr. Baby Kuriakose
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 265- Naicy, T.C. 2007
A Comparative study of NPK values of organic fertilizers
Guide: Prof. Dolly Joseph
Mahatma Gandhi University, Kottayam, India
Pages: 46
- 266- Najma, N. 2002
Quality upgradation of field coagulum using bactericides
Guide: Mrs. Leelamma Varghese
Calicut University, Calicut, India
Pages: 40
- 267- Nisha, P. 2009
Studies on NR/NBR blends via new route using skim NR latex
Guide: Mrs. K. Mariamma George
University of Calicut, Calicut, India
Pages: 54
- 268- Nishamol, M. 2002
Effect of cure systems and vulcanization temperatures on the
mechanical properties of NR/ENR 50 blends
Guide: Mrs. K. Mariamma George
University of Calicut, Calicut, India
Pages: 22

- 269- Prakash K. Kuriakose 1991
A Systematic study of anticoagulants for natural rubber latex
and their effects on physical and technological properties of rubber
Guide: Dr. N.M. Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 51
- 270- Preetha, K. 2008
Development of Diaphram for Oxygen cylinder
Guide: TC Division, Rubber Board
Calicut University, Kozhikode, India
Pages: 24
- 271- Pretty Rose George 2001
To find a relation between volume of acid required for
coagulation and dry rubber content of fresh natural rubber latex
Guide: Dr. E.M. Jacob
Mahatma Gandhi University, Kottayam, India
Pages: 18
- 272- Rachel Oommen 2004
Studies on the effect of addition of soap on stability of
centrifuged latex
Guide: Dr. M. Sunny Sebastian
University of Kerala, Trivandrum, India
Pages: 50
- 273- Reji Joseph 2004
Layered silicate incorporated natural rubber nanocomposites
Guide: Dr. Siby Varghese
Mahatma Gandhi University, Kottayam, India
Pages: 40
- 274- Remya, P.R. 2010
Studies on radiation vulcanization of natural rubber latex: Effect of using a non-
ionic stabiliser
Guide: Dr. Rosamma Alex
University of Calicut, Calicut, India
Pages: 80
- 275- Sajini, A.P. 2009
Cure characteristics and vulcanizate properties of NR/NBR
blends
Guide: Dr. Benny George
University of Calicut, Calicut, India, India
Pages: 48

- 276- Sandra George 2007
Low ammonia boric acid system for preservation of natural
rubber latex
Guide: Dr. M. Sunny Sebastian
University of Kerala, Trivandrum, India
Pages: 60
- 277- Semeena, B. 1997
Studies on effect of electrolytes on coagulation of ammonia
preserved concentrated natural rubber latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 24
- 278- Serina G. Tharagan 2001
Effect of co-agents in the vulcanization of natural rubber
Guide: Dr. K.T. Thomas
Mahatma Gandhi University, Kottayam, India
Pages: 45
- 279- Sheeba George 2003
Effect of maturation of field coagulum on properties of natural rubber
Guide: Mrs. Leelamma Varghese
University of Calicut, Calicut, India
Pages: 45
- 280- Sherine Alex 2007
Fatty acid soap assisted coagulation of fresh natural rubber
latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 27
- 281- Shuby Kurian 2001
Effect of zinc compounds on properties of pre-vulcanized latex and film
Guide: Dr. N.M. Claramma
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 282- Shybi Markose 1992
Evaluation of two cure systems for butyl rubber
Guide: Dr. N.M. Mathew
Mahatma Gandhi University, Kottayam, India
Pages: 40

- 283- Sneha Susy 2006
Effect of fixed alkali (KOH) on the chemical stability of natural rubber latex
Guide: Dr. M. Sunny Sebastian
Mahatma Gandhi University, Kottayam, India
Pages: 33
- 284- Soumya, K.S. 2008
Study of the variations in properties of different NR-EPDM blends
Guide: TC Division, Rubber Board
University of Calicut, Calicut, India
Pages: 29
- 285- Sreeja, B. 1993
Factors affecting fatty acid soap catalysed acid coagulation of fresh field latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 21
- 286- Sreekaladevi, M.S. 2000
Influence of storage of preserved natural rubber latex on the properties of latex, raw rubber and its vulcanizate
Guide: Dr. N.M. Claramma
Mahatma Gandhi University, Kottayam, India
Pages: 53
- 287- Sreelatha, P. 2007
Studies on coconut shell powder filled natural rubber composites
Guide: K.N. Madhusoodanan
Mahatma Gandhi University, Kottayam, India
Pages: 44
- 288- Sumy M. John 1996
Analysis of rubber vulcanisate by chemical and instrumental methods: A comparative evaluation
Guide: Dr. Baby Kuriaikose
Mahatma Gandhi University, Kottayam, India
Pages: 23
- 289- Varun, K.V. 2008
Rubber compounding studies on tread compounds with different accelerator systems
Guide: TC Division, Rubber Board
Mahatma Gandhi University, Kottayam, India
Pages: 32

- 290- Vidy, G. 2006
The effect of ageing of field latex on quality parameters of
concentrated latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
Pages: 36
- 291- Vincy Anneli Samuel 2003
Peroxide vulcanization of epoxidised natural rubber
Guide: Mrs. K. Mariamma George
Mahatma Gandhi University, Kottayam, India
Pages: 43



B. Tech. Dissertations



292-	Ajith, A.R.	2005
	Preparation and characterization of NR-g-PMMA copolymers	
	Guide: Dr. Benny George	
	Mahatma Gandhi University, Kottayam, India	
293-	Amy, E.J., Annet, C., Deepa, C.R. and Jisso, J.	2005
	Studies on vulcanization of natural rubber latex	
	Guide: Dr. N.M. Claramma	
	Mahatma Gandhi University, Kottayam, India	
294-	Anish James	2006
	Studies on natural rubber latex adhesives	
	Guide: Dr. N.M. Claramma	
	Mahatma Gandhi University, Kottayam, India	
295-	Antony, P.J.	1977
	Automobile rubber bushes	
	Guide: Mr. C.M. George	
	Cochin University of Science and Technology, Kochi, India	
296-	Aswin Kumar, H.	1980
	Plastic radio cabinets	
	Guide: Dr. K.E. George	
	Cochin University of Science and Technology, Kochi, India	
297-	Cyriac Mattam	1975
	Ebonite battery containers	
	Cochin University of Science and Technology, Kochi, India	
298-	Ganesh, N.	2004
	Study of recycling of polyethylene by reinforcing with NR	
	Guide: Mr. K.N. Madhusoodanan	
	Mahatma Gandhi University, Kottayam, India	
299-	Gee M. Chirayil	2002
	Studies on composites based on nitrile rubber and styrene	
	grafted natural rubber with special reference to oil and	
	electrical resistance	
	Guide: Dr. K.T. Thomas	
	Government Engineering College, Thrissur, India	
300-	Gireeshan, A.N.	1980
	Automobile channels	
	Guide: Dr. Joseph D. Francis	
	Cochin University of Science and Technology, Kochi, India	

- 301- Gopalakrishnan Nair, T.R. 1977
Rubber gloves for household and other general uses
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 302- Jatinder Paul 1995
Development of ENR based compounds for rice dehusking rubber rollers
Guide: Dr. N.M. Mathew and Dr. Vinayak M. Hegde
Bangalore University, Bangalore, India
- 303- Jency James 1995
Vulcanisate properties of ENR 25 modified with benzoic acid
Guide: Dr. Benny George
Mahatma Gandhi University, Kottayam, India
- 304- Jose Vettikat 1980
Tread rubber
Guide: Dr. Joseph D. Francis
Cochin University of Science and Technology, Kochi, India
- 305- Jose, M.M. 1977
Rubber lining
Guide: Dr.E.V. Thomas
Cochin University of Science and Technology, Kochi, India
- 306- Joseph, V. 1975
Hoses
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 307- Joshy Mathew 1999
A Study of natural rubber latex modification of bitumen emulsions for road rubberisation
Guide: Dr. Rani Joseph
Cochin University of Science and Technology, Kochi, India
- 308- Kuttan, V.M. 1980
Wire enamelling
Guide: Mr. A. Banerjee
Cochin University of Science and Technology, Kochi, India

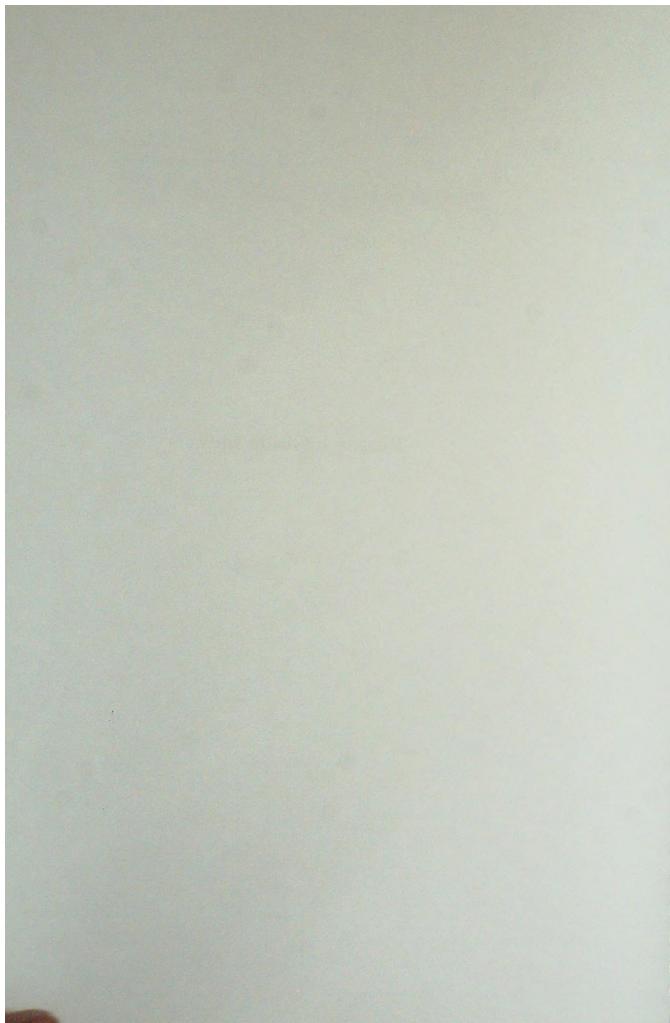
- 309- Lauly, M.V. 1991
Studies on LATZ system of preservation with special reference
to retention of zinc oxide/TMTD in centrifuged NR latex
Guide: Dr. N.M. Mathew
Cochin University of Science and Technology, Kochi, India
- 310- Leni Lal 1980
Studies on factors affecting the quality of radiation
vulcanized latex
Guide: Dr. Rosamma Alex
Mahatma Gandhi University, Kottayam, India
- 311- Mathew, A.O. 1980
Latex foam
Guide: Dr. E.V. Thomas
Cochin University of Science and Technology, Kochi, India
- 312- Michael, P.T. 1977
Radiator hoses for automobiles
Guide: Mr.C.M. George
Cochin University of Science and Technology, Kochi, India
- 313- Philip Kurian 1977
Rubber floor tiles
Guide: Mr.C.M. George
Cochin University of Science and Technology, Kochi, India
- 314- Ponnappan, C.M. 1975
Natural rubber latex thread
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 315- Pranatharithiharan, R. 1975
Surgical and industrial gloves
Cochin University of Science and Technology, Kochi, India
- 316- Pushkarakshan, M. 1980
Cyclised rubber
Guide: Dr. A.P. Kuriakose
Cochin University of Science and Technology, Kochi, India
- 317- Rajagopal, D.S. 1980
Plastic canes
Guide: Dr. K.E. George
Cochin University of Science and Technology, Kochi, India

- 318- Ranjith Kumar, C. 1980
Tyre flaps
Guide: Dr. Joseph D. Francis
Cochin University of Science and Technology, Kochi, India
- 319- Ravi, P.K. 1980
PVC insulated house wires
Guide: Dr. K.E. George
Cochin University of Science and Technology, Kochi, India
- 320- Ravindra Natha Menon 1980
Chemicals suction and discharge hoses
Guide: Dr. Rani Joseph
Cochin University of Science and Technology, Kochi, India
- 321- Reshma Sankar, R. 2010
Studies on factors affecting the quality of radiation vulcanized latex
Guide: Mrs. K. Mariamma George
Mahatma Gandhi University, Kottayam, India
- 322- Salini, K.S. 2008
Role of deproteinized and normal skim rubbers for cure enhancement in natural rubber
Guide: Mrs. K. Mariamma George
Mahatma Gandhi University, Kottayam, India
- 323- Sebastian, P.S. 1975
Industrial V-Belts
Guide: Dr. E.V.Thomas
Cochin University of Science and Technology, Kochi, India
- 324- Sunny Augustine 1980
Polyethylene film
Guide: Dr. Joseph D. Francis
Cochin University of Science and Technology, Kochi, India
- 325- Sureshkumar, K. K. 1980
Foam backed coir carpet
Guide: Dr. Joseph D. Francis
Cochin University of Science and Technology, Kochi, India
- 326- Suryanarayanan, S. 1975
Rubber covered roller
Cochin University of Science and Technology, Kochi, India

- 327- Thampy Thomas 1977
Rubber hot water bottles
Cochin University of Science and Technology, Kochi, India
- 328- Thomas, P.A. 1977
Oil seals for automobiles
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 329- Thomas, P.T. 1977
Rubber rail pads
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 330- Thomas, T.A. 1977
Microcellular soles in Kerala
Guide: Dr. E.V. Thomas
Cochin University of Science and Technology, Kochi, India
- 331- Tom K. Thomas 1975
Rubber sheetings
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 332- Unni Mohiyuddeen, K.U. 1977
Solid tyre
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 333- Varghese, K.T. 1977
Bicycle tyre
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India
- 334- Veerasamy, S. 1980
Polyethylene pipes
Guide: Dr. K.E. George
Cochin University of Science and Technology, Kochi, India
- 335- Venugopalan Nair, P. 1980
Rubber rollers for modern rice mills
Guide: Dr. D. Joseph D. Francis
Cochin University of Science and Technology, Kochi, India

336- Vijayan, T.N. 1977
Pharmaceutical closures
Guide: Mr. C.M. George
Cochin University of Science and Technology, Kochi, India

Research Guide Index



- Aiyer, R.S. 21
- Alexander, K.J. 250
- Annakutty Joseph 185, 191, 192, 199, 202, 210, 218, 224, 226
- Annamalainathan, K. 74, 239, 243
- Baby Kuriakose 1, 15, 45, 49, 53, 71, 87, 249, 264, 288
- Balakrishnan, K.P. 14
- Banerjee, A. 308
- Benny George 82, 94, 275, 292, 303
- Bhuvanendran Nair, D. 241
- Bindu Roy, C. 208, 222
- Claramma, N.M. 251, 256, 281, 286, 293, 294
- Colin Barlow 54
- Datta, B. 69
- Datta, R.N. 67
- De, S.K. 89
- Deshpande, B.D. 35
- Devarajan, G. 143, 144, 145
- Dhaktode, S.S. 38
- Dipak Khastgir 94
- Dolly Joseph 265
- Etherington, D. 54
- Geetha, N. 235, 240
- George, C.M. 295, 301, 306, 312, 313, 314, 328, 329, 331, 332, 333, 336
- George, K.E. 296, 317, 319, 334
- George, P.J. 48, 123
- Gireesh, T. 178
- Gopalakrishnan, K.S. 86, 93
- Gopinathan Nair, V.22
- Haridasan, V. 127, 135
- Jacob K. Varkey 263
- Jacob Mathew 85, 111, 182, 188, 195, 198, 200, 207, 212, 213, 214, 215, 216, 217, 219, 220, 223
- Jacob, E.M. 271
- Jai Narain Singh 51
- James Jacob 77, 238, 240
- Jana, M.K. 84
- Jayarathnam, K. 102, 105, 107, 136
- Jayaseelan, M. 172
- Jayasree Gopalakrishnan 231
- Jose, A.J. 34
- Jose, V.T. 203
- Joseph D. Francis 300, 304, 318, 324, 325, 335
- Joy Jacob 142
- Joy P. Korah 140
- Kavitha K. Mydin 174
- Kochuthresiamma Joseph 72, 73, 183, 186, 187, 188, 193, 194, 195, 201, 204, 209, 211, 220, 225, 227
- Kothandaraman, R. 3, 20, 23, 63
- Krishna Kumar, A.K. 69, 113, 122
- Krishnakumar, R. 78, 80, 228, 230, 242
- Kumaran, M.G. 4, 33, 61, 92, 96
- Kumari Jayasree, P. 168
- Kuriakose, A.P. 36, 316
- Kurup, P.A. 68

- Kuruvilla Jacob, C. 20, 63, 81, 118, 133, 185, 199, 217, 221
- Leelamma Varghese 258, 266, 279
- Luckins C. Babu 31
- Madhu, G. 70
- Madhusoodanan, K.N. 253, 287, 298
- Mariamma George, K. 244, 252, 262, 267, 268, 291, 321, 322
- Mary K. George 26
- Mathew, M. 125, 131, 141
- Mathew, N.M. 6, 13, 16, 43, 46, 65, 88, 114, 139, 269, 282, 302, 309
- Meenakumari, T. 175, 176
- Meera Bai, M. 18
- Mercy, M.A. 181
- Mercykuity Joseph 62
- Mohammed Sathik, M.B. 78, 236, 240
- Mohan Varghese 245
- Molly Thomas 77, 229, 232, 233, 234, 237, 238
- Muraleedhara Kurup, G. 52
- Nair, C.K.N. 51
- Nambodiri, A.N. 50
- Narayana Samy, C. 60
- Narayana, D. 76
- Narayanan Nair, K. 76
- Narayanan, P.K. 103, 108, 120, 121, 134
- Noordermeer, J.W.M. 67
- Panikkar, A.O.N. 25, 30, 40, 48, 50, 100, 101, 116, 119, 138
- Peethambaran, N.R. 7, 15
- Potty, S.N. 104, 106, 112, 115, 117, 124, 126, 137
- Prajna P. De 46, 88
- Premakumari, D. 27
- Pylee, M.V. 11
- Radhakrishnan Nair, N. 70
- Rajammal, G. 91, 97
- Rajasekhara Pillai, V.N. 19
- Rani Joseph 307, 320
- Reghu, C.P. 8, 37, 179, 180
- Rosamma Alex 7, 44, 45, 246, 247, 249, 260, 274, 277, 280, 285, 290, 310
- Sabu Thomas 1, 4, 43, 53, 55, 61, 92
- Sadhan K. De 5, 29
- Santanu Chattopadhyay 82
- Saraswathy Amma, C.K. 25, 30, 66, 98, 109, 128
- Sekar, V.32
- Sethuraj, M.R. 12, 57, 68
- Shaji Philip 72, 73, 184, 185, 189, 190, 191, 192, 193, 194, 196, 197, 202, 204, 205, 206, 209, 210, 218, 221, 224, 226, 227
- Shand, R.T. 54
- Shashidhar, S. 58
- Siby Varghese 71, 273
- Sobha, S. 146, 159
- Sreedharan, C. 39, 42
- Sreekumar, S.G. 17
- Srinivas, P. 133
- Subbaraman, N. 2
- Sulochanamma, S. 129

Sunny Sebastian, M. 83, 245, 248, 254, 259,
261, 272, 276, 283

Sushamakumari, S. 75

TC Division 255, 270 284, 289

Tharian George, K. 110

Thomas James 10

Thomas, E.V. 59, 89, 90, 305, 311, 323, 330

Thomas, K.T. 278, 299

Thulaseedharan, A. 24, 41, 56, 64, 79, 147,
149, 150, 151, 152, 153, 154, 155, 156,
157, 158, 160, 161, 162, 163, 164,
165, 166, 167, 168, 169, 170, 171, 173

Tripathi, B.N. 257

Unnikrishnan, G. 33

Varughese, K.T. 55

Venkatachalam, P. 148

Vijayakumar, K.R. 9, 47, 52, 84, 99, 130,
132

Vikraman Nair, R. 28

Vinayak M. Hegde 302

Vinoth Thomas 177