

PH.D. AWARDEES OF THE DEPARTMENT OF P.S. & R. T. SINCE 1987

SL. NO.	NAME OF AWARDEE	TITLE OF THE THESIS	RESEARCH GUIDE	DATE OF AWARD
1	K.E. GEORGE	STUDIES ON POLYMER BLENDS WITH SPECIAL REFERENCE TO NBR/PVC AND CR/PVC BLENDS	DR. D. JOSEPH FRANCIS	07.11.1987
2	RANI JOSEPH	CURING STUDIES OF ELASTOMER BLENDS WITH SPECIAL REFERENCE TO NR/SBR AND NR/BR BLENDS	DR.D.JOSEPH FRANCIS	07.05.1988
3	T. RAVEENDRAN	STUDIES ON POLYURETHANE ELASTOMERS ON LIQUID NATURAL RUBBER	DR. D. JOSEPH FRANCIS	07.10.1989
4	GEORGE MATHEW	STUDIES ON ACCELERATORS IN RUBBER VULCANIZATION WITH SPECIAL REFERENCE TO THE BINARY SYSTEMS CONTAINING SUBSTITUTED DITHIOBIURETS	DR. A.P. KURIAKOSE	10.05.1990
5	T.P. ANTONY	PILOT PLANT STUDIES ON THE UTILISATION OF INDUSTRIAL WASTES FOR INDUSTRIAL BITUMEN MANUFACTURE	DR.D. JOSEPH FRANCIS	02.06.1990
6	JAYAMMA FRANCIS	STUDIES ON PVC BLENDS WITH SPECIAL REFERENCE TO PVC/CR AND PVC/LLDPE BLENDS	DR. K.E. GEORGE	05.12.1992
7	DANIEL ABRAHAM	STUDIES ON LDPE/LLDPE BLENDS	DR. D. JOSEPH FRANCIS	05.12.1992
8	SUMA N.	CO-VULCANIZATION OF ELASTOMER BLENDS WITH SPECIAL REFERENCE TO NR/IIR AND NR/EPDM	DR. RANI JOSEPH	28.12.1992
9	JOY MATHEW	STUDIES ON THERMOPLASTIC ELASTOMERS WITH SPECIAL REFERENCE TO TRIBLOCK COPOLYMER AND NBR/PVC BLENDS	DR. D. JOSEPH FRANCIS	10.06.1993
10	PHILIP KURIAN	STUDIES ON HDPE/LLDPE BLENDS	DR. K.E. GEORGE	31.07.1993
11	MADHU G.	STUDIES ON THE TREATMENT OF EFFLUENTS FROM NATURAL RUBBER PROCESSING UNITS	DR. K.E. GEORGE	13.01.1995
12	REENA SUSAN GEORGE	PRODUCTION OF LATEX RECLAIM AND ITS UTILISATION IN POLYMER BLENDS	DR. RANI JOSEPH	15.07.1995
13	ASHALATHA P.V	STUDIES ON POLYPROPYLENE ELASTOMER BLENDS	DR. D. JOSEPH FRANCIS	28.09.1995
14	SHANTI A . AURAH	STUDIES ON POLYMER BOUND ANTIOXIDANTS	DR. RANI JOSEPH	21.05.1996
15	V. BOOTHALINGAM PILLAI	INTERPENETRATING POLYMER NETWORKS BASED ON HYDROXYL TERMINATED NATURAL RUBBER	DR.D. JOSEPH FRANCIS	27.07.1996
16	LALIAMMA JOSE	STUDIES ON LATEX COMPOUNDING	DR. RANI JOSEPH	17.10.1996
17	GANAPATHY RAJENDRAN	UTILISATION OF RICE BY PRODUCTS IN RUBBER	DR. A.P. KURIAKOSE	02.06.1997
18	BALAKRISHNAN K.V	STUDIES IN OLEORESINS (AN INVESTIGATION INTO FOOD COLOUR FROM INDIAN CHILLI OLEORESIN)	DR. K.E. GEORGE	04.10.1997
19	CYRIAC MATHEW	STUDIES ON A NEW VULCANIZATION SYSTEM	DR. A.P. KURIAKOSE	04.11.1997
20	JOB KURIAKOSE	STUDIES ON ELASTOMER BLENDS WITH SPECIAL REFERENCE TO NBR/BUTYL, NR/BUTYL AND NBR/EPDM BLENDS	DR. RANI JOSEPH	04.11.1997
21	MARY JOSEPH	STUDIES ON LATEX RECLAIM AND ITS BLENDS	DR. K.E. GEORGE	24.10.1998
22	FATHIMATHUL SUHARA P.P.	STUDIES ON SHORT POLYESTER FIBRE-POLYURETHANE ELASTOMER COMPOSITE WITH DIFFERENT INTERFACIAL BONDING AGENTS	DR. SUNIL K. NARAYANANKUTTY	21.11.1998
23	JOSEPH FRANCIS P.J.	EFFECT OF FEEDING RATE IN POLYMER EXTRUSION	DR. RANI JOSEPH	20.03.1999
24	SRILATHAKUTTY R	STUDIES ON NEW BASE MATERIALS FOR MICROCELLULAR SOLES	DR. K.E. GEORGE	29.05.1999
25	LYNTA JOB	STUDIES ON ADHESIVES FOR BONDING RUBBER TO RUBBER AND RUBBER TO TEXTILES	DR. RANI JOSEPH	21.08.1999

26	NEETHA JOHN	DEVELOPMENT OF NOVEL POLYMER BASED ADHESIVES	DR. RANI JOSEPH	25.04.2000
27	V.NANDAN	STUDIES ON THE USE OF VEGETABLE OILS AS INGREDIENT IN THE VULCANIZATION OF ELASTOMERS	DR. RANI JOSEPH	11.10.2001
28	SREEJA T.D	STUDIES ON SHORT NYLON FIBRE - RECLAIMED RUBBER/ELASTOMER COMPOSITES	DR. SUNIL K. NARAYANANKUTTY	26.12.2001
29	SHEELAKUMARI ISAC	MODIFICATION OF POLYETHYLENES BY REACTIVE EXTRUSION	DR. K.E. GEORGE	23.03.2002
30	SULEKHA P.B	SYNTHESIS, CHARACTERIZATION AND USES OF POLYMER BOUND ANTIOXIDANTS	DR. RANI JOSEPH	25.01.2003
31	SUSAMMA A.P.	STUDIES ON NEW BINARY ACCELERATOR SYSTEMS IN RUBBER VULCANIZATION	DR. A.P. KURIAKOSE	21.03.2003
32	RAJALAKSHMI S.	STUDIES ON THERMOPLASTIC ELASTOMERS BASED ON POLYETHYLENE/ELASTOMER BLENDS	DR. RANI JOSEPH	21.03.2003
33	SHINY PALATTY	NEW ACCELERATOR SYSTEMS FOR LOW TEMPERATURE CURING OF ELASTOMER WITH SPECIAL REFERENCE TO NR/NBR AND NR/BR BLENDS	DR. RANI JOSEPH	21.03.2003
34	SOLOMON M.A.	EVALUATION OF MAGNETIC DIELECTRIC AND MECHANICAL PROPERTIES OF RUBBER FERRITE COMPOSITES	DR. PHILIP KURIAN	21.03.2003
35	THOMMACHAN XAVIER	SYNTHESIS AND CHARACTERIZATION OF THERMOPLASTIC ISOMERS BASED ON NATURAL RUBBER	DR. THOMAS KURIAN	21.03.2003
36	MARY KURIAN	AMIDINO THIOUREA AS A SECONDARY ACCELERATOR IN RUBBER VULCANIZATION	DR. A.P. KURIAKOSE	19.04.2003
37	PRINCY K.G.	STUDIES ON CONDUCTING POLYMER AND CONDUCTIVE ELASTOMER	DR. RANI JOSEPH	28.05.2003
38	JACOB SAMUEL	SYNTHESIS AND CHARACTERIZATION OF NOVEL IONOMERS BASED STYRENE BUTADIENE COPOLYMERS	DR. THOMAS KURIAN	29.09.2003
39	USHAMANI. M.	STUDIES ON PHOTO- SENSITIVE POLYMERS FOR OPTICAL RECORDING	DR. RANI JOSEPH	07.11.2003
40	HONEY JOHN	STUDIES ON SELECTED CONDUCTING POLYMERS FOR MICROWAVE AND ELECTRICAL APPLICATIONS	DR. RANI JOSEPH	17.07.2004
41	NELSON P.A	STUDIES ON THE UTILISATION OF RUBBER RECLAIM IN ELASTOMERS	DR. SUNIL K. NARAYANANKUTTY	18.12.2004
42	BENNY CHERIAN A.	STUDIES ON TOUGHENING OF UNSATURATED POLYESTER RESINS	DR. EBY THOMAS THACHIL	20.04.2005
43	A. SEEMA	STUDIES ON SHORT NYLON FIBRE - RECLAIMED RUBBER/ELASTOMER COMPOSITES WITH EPOXY RESIN AS BONDING AGENT	DR. SUNIL K. NARAYANANKUTTY	23.07.2005
44	THOMAS N. ABRAHAM	RECYCLABLE SHORT FIBRE REINFORCED PLASTICS PP/NYLON AND HDPE/ NYLON COMPOSITES	DR. K.E. GEORGE	29.05.2006
45	LAKSHMIKUTTYAMMA B.	WELD LINE BEHAVIOUR OF POLYMER BLENDS WITH SPECIAL REFERENCE TO PP/HDPE, PP/PS AND HDPE/LDPE BLENDS	DR. K.E. GEORGE	30.11.2006
46	UNNIKRISHNAN K.P	STUDIES ON THE TOUGHENING OF EPOXY RESINS	DR. EBY THOMAS THACHIL	30.11.2006
47	NISHA V.S	RADIOPAQUE MATERIAL FROM NATURAL POLYMERS: SPECIAL EMPHASIS ON CHITOSAN AND NATURAL RUBBER	DR. RANI JOSEPH	24.03.2007
48	RINKU MARY THOMAS	OPTIMIZATION OF PREPARATION TECHNIQUES AND DIELECTRIC STUDY OF POLYANILINES IN THE MICROWAVE AND HIGH FREQUENCY FIELD	DR. K.E. GEORGE	24.03.2007

49	MUNDAN KURIAN CHUMMAR SUNNY	STUDIES ON METALLOCENE POLYOLEFIN AND POLYVINYL CHLORIDE FOR BLOOD AND BLOOD COMPONENT STORAGE APPLICATIONS	DR. K.E. GEORGE	21.04.2007
50	LOVELY MATHEW P.	SHORT ISORA FIBRE REINFORCED NATURAL RUBBER COMPOSITES	DR. RANI JOSEPH	13.07.2007
51	ANOOP ANAND K.	POLYMER NANO COMPOSITES CRYSTALLIZATION, REINFORCEMENT AND CONDUCTIVITY THROUGH SWNT'S	DR. RANI JOSEPH	15.09.2007
52	MARY LUBI C.	NOVEL APPLICATIONS OF CASHEW NUT SHELL LIQUID IN THE POLYMER FIELD	DR. EBY THOMAS THACHIL	11.01.2007
53	LITY ALEN VARGHESE	NOVEL ADHESIVE SYSTEM BASED ON NEOPRENE PHENOLIC BLENDS	DR. EBY THOMAS THACHIL	11.01.2008
54	SUNIL JOSE T.	EPDM/CIIR BLENDS COMPATIBILITY, MORPHOLOGY AND PHYSICAL PROPERTIES	DR. RANI JOSEPH	26.03.2008
55	K.S. MAYA	STUDIES ON <i>IN SITU</i> PRECIPITATED SILICA FILLED RUBBER COMPOSITES WITH SPECIAL REFERENCE TO NR, NBR AND SBR	DR. RANI JOSEPH	08.04.2008
56	ASWATHY K.V.	NANO-ZINC OXIDE : A NOVEL MODIFIER FOR THERMOPLASTICS	DR. RANI JOSEPH	22.05.2008
57	PRIYA VISWANATH	DEVELOPMENT OF POLYMER CEMENT COMPOSITES	DR. EBY THOMAS THACHIL	11.07.2008
58	JOSHY.M.K	ISORA FIBRE REINFORCED POLYESTER AND EPOXY COMPOSITES	DR. RANI JOSEPH	11.07.2008
59	PREMA.K.H.	MAGNETIC, DIELECTRIC AND PHYSICO-MECHANICAL PROPERTIES OF RUBBER FERRITE NANOCOMPOSITE	DR. PHILIP KURIAN	20.08.2008
60	SREENIVASAN.P.V.	COMPATIBILIZATION OF POWDERED NITRILE RUBBER	DR. PHILIP KURIAN	11.08.2008
61	LAKSHMI.K.	DEVELOPMENT OF THERMOPLASTIC CONDUCTING POLYMER COMPOSITES BASED ON POLYANILINE AND POLYTHIOPHENE FOR MICROWAVE AND ELECTRICAL APPLICATION	DR. K.E. GEORGE	02.09.2008
62	ANSU JACOB	RUBBER LAYERED CLAY NANOCOMPOSITES	DR. PHILIP KURIAN	04.02.2009
63	MARY ALEXANDER	APPLICATIONS OF CARDANOL IN RUBBER PROCESSING	DR. EBY THOMAS THACHIL	10.03.2009
64	SARITHA CHANDRAN	POLY ANILINE COATED SHORT NYLON FIBRE/ELASTOMER COMPOSITES: ELECTRICAL AND MICROWAVE CHARACTERISTICS	DR. SUNIL K. NARAYANANKUTTY	22.03.2009
65	RAJU P.	STUDIES ON THE USE OF VEGETABLE OILS AS PLASTICIZER IN NATURAL AND SYNTHETIC ELASTOMERS	DR. SUNIL K. NARAYANANKUTTY	03.05.2009
66	DHANYA R.	DEVELOPMENT OF PHOTO REFRACTIVE POLYMERS: SYNTHESIS AND CHARACTERISATION OF POLYMERS WITH DONA-II-ACCEPTOR GROUPS	DR. RANI JOSEPH	19.06.2009
67	RENJANADEVI B.	MODIFICATION OF POLYPROPYLENE AND POLYSTYRENE USING NANO SILICA	DR. K.E. GEORGE	26.08.2009
68	LENY MATHEW	DEVELOPMENT OF ELASTOMERIC HYBRID COMPOSITES BASED ON SYNTHESIZED NANO SILICA AND SHORT NYLON FIBRE	DR. SUNIL K. NARAYANANKUTTY	03.07.2010
69	SUMA K.K.	DEVELOPMENT OF NOVEL SURFACE COATINGS BASED ON ACRYLIC COPOLYMER	DR. RANI JOSEPH	31.07.2010
70	SINTO JACOB	MODIFICATION OF SHORT FIBRE COMPOSITES OF PP AND HDPE USING NANO SILICA	DR. K.E. GEORGE	06.09.2010
71	BHUWANESWARY M.G.	MODIFICATION OF NATURAL RUBBER USING THERMOSET RESIN	DR. EBY THOMAS THACHIL	17.09.2010
72	JUDE MARTIN MENDEZ	OPTIMIZATION OF THE MECHANICAL PROPERTIES OF HDPE/PP BLENDS AND THEIR RECYCLABLE COMPOSITES	DR. K.E. GEORGE	20.10.2010

73	VIJAYALEKSHMI V.	STUDIES ON NATURAL RUBBER/CLAY NANO COMPOSITES: EFFECT OF MALEIC ANHYDRIDE GRAFTING OF RUBBER	DR. K.E. GEORGE	11.11.2010
74	PARAMESWARAN P.S.	MODIFICATION OF PHENOL FORMALDEHYDE RESIN FOR IMPROVED MECHANICAL PROPERTIES	DR. EBY THOMAS THACHIL	08.04.2011
75	ANNA DILFI K.F.	LINEAR LOW DENSITY POLYETHYLENE - BIODEGRADABILITY USING BACTERIA FROM MARINE BENTHIC ENVIRONMENT AND PHOTO DEGRADABILITY USING ULTRA VIOLET LIGHT	DR. THOMAS KURIAN	12.04.2012
76	NIMMY K.P.	STUDIES ON METHYLENE BLUE SENSITIZED POLY(VINYL ALCOHOL): EFFECT OF MOLECULAR WEIGHT OF POLYMER AND CROSS LINKING AGENTS ON ITS HOLOGRAPHIC PROPERTIES	DR. RANI JOSEPH	12.04.2012
77	NEWLY JOSEPH	WELD-LINE BEHAVIOUR OF MODIFIED PP, HDPE AND THEIR BLENDS	DR. K.E. GEORGE	03.07.2012
78	SAISY K. ESTHAPPAN	POLYPROPYLENE/METAL OXIDE NANOCOMPOSITES: FIBER SPINNING AND EVALUATION	DR. RANI JOSEPH	16.03.2013
79	JAYALATHA GOPALAKRISHNAN G.	SHORT NYLON -T FIBER / RUBBER - TOUGHENED POLYSTYRENE COMPOSITES	DR. SUNIL K. NARAYANANKUTTY	27.4.2013
80	VIDYA FRANCIS	MODIFICATION OF LINEAR LOW DENSITY POLYETHYLENE FOR IMPROVED PHOTO AND BIODEGRADATION	DR. EBY THOMAS THACHIL	6.5.2013
81	VIDYA G.	BLUE, GREEN AND ORANGE-RED LIGHT EMITTING POLYMERS: SYNTHESIS, CHARACTERISATION AND PROSPECTS OF APPLICATION IN OPTOELECTRONIC DEVICES	DR. RANI JOSEPH	1.7.2013
82	D.S. PRAMILA DEVI	SYNTHESIS, CHARACTERIZATION AND PROPERTIES OF CONDUCTIVE ELASTOMERIC COMPOSITES BASED ON POLYPYRROLE AND SHORT NYLON -6 FIBER	DR. SUNIL K. NARAYANANKUTTY	02.08.2013
83	ZEENA P. HAMZA	IONOMER COMPATIBILIZED LOW DENSITY POLYETHYLENE- TAPIOCA STARCH BLENDS: BIODEGRADABILITY AND PHOTODEGRADABILITY	DR. THOMAS KURIAN	12-08-2013
84	BIPINBAL P.K.	PREPARATION AND CHARACTERIZATION OF MICRO AND NANO FIBRE REINFORCED NATURAL RUBBER COMPOSITES BY LATEX STAGE PROCESSING	DR. SUNIL K. NARAYANANKUTTY	07-01-2014
85	AJALESH B, NAIR	ETHYLENE-PROPYLENE DIENE TERPOLYMER/ HEXAFLUOROPROPYLENE-VINYLDENE FLUORIDE ELASTOMERIC COMPOSITES: THERMAL, MECHANICAL AND MICROWAVE PROPERTIES.	DR. PHILIP KURIAN	31/01/2014
86	NISHA NANDAKUMAR	RADIOPACITY AND CHEMICAL RESISTANCE OF ELASTOMER - BARIUM SULPHATE NANO COMPOSITES WITH SPECIAL REFERENCE TO NATURAL RUBBER, ETHYLENE PROPYLENE RUBBER AND ISOBUTYLENE ISOPRENE RUBBER	DR. PHILIP KURIAN	22/08/2014
87	SASIDHARAN K.K.	NATURAL RUBBER LATEX FILLER MASTER BATCH BY SOAP SENSITISED COAGULATION - PREPARATION, PROCESSING AND EVALUATION	DR. THOMAS KURIAN	01.10.2014
88	PREETHA NAIR K	STUDIES ON THE USE OF NANOKAOLINE , MWCNT AND GRAPHENE IN NBR AND SBR	DR RANI JOSEPH	14-12-2014
89	ANJANA R.	MODIFICATION OF POLYPROPYLENE/HIGH DENSITY POLYETHYLENE BLEND USING NANOKAOLIN	DR.K.E. GEORGE	20-07-2015

90	ASHA KRISHNAN K.	MODIFICATION OF POLYPROPYLENE/POLYSTYRENE BLEND USING NANOCCLAY AND SISAL CELLULOSE NANO FIBER	DR.K.E. GEORGE	31-07-2015
91	JENISH PAUL	MODIFICATION OF DGEBA USING EPOXIDISED RESINS	DR. EBY THOMAS THACHIL	23-11-2015
92	SONA NARAYANAN	DESIGN AND SYNTHESIS OF DONOR-ACCEPTOR LOW BAND GAP COPOLYMERS FOR PHOTOCONDUCTIVE AND NON-LINEAR OPTICAL APPLICATIONS	DR. RANI JOSEPH	17-11-2015
93	PRASEETHA P NAIR	STUDIES ON MECHANICAL BEHAVIOR OF FILLED POLYSTYRENE:COMPARISON BETWEEN INSITUPOLYMERISATION AND MELT MIXING	DR.K.E.GEORGE	21-12-2015
94	RESMI V C	DEVELOPMENT OF PHENOL FORMALDEHYDE RESIN WITH IMPROVED OPTICAL TRANSPARENCY AND LOW FORMALDEHYDE EMISSION USING CHEMICAL AND BIO SCAVENGERS	PROF.SUNIL K NARAYANANKUTTY	09-02-2016
95	TEENA THOMAS	FLEXIBLE CONDUCTING/MAGNETIC NANO COMPOSITES BASED ON NATURAL RUBBER	DR EBY THOMAS THACHIL	08-04-2016
96	SOBHA A P	DEVELOPMENT OF FUNCTIONALISED MULTIWALLED CARBON NANOTUBE/POLYANILINE COMPOSITES FOR ELECTRICAL APPLICATIONS	DR SUNIL K NARAYANANKUTTY	05-05-2016
97	JOSE SEBASTIAN	EFFECT OF II-VI SEMICONDUCTOR NANOMATERIALS AND ELECTRON IRRADIATION ON POLYSTYRENE (PS)& POLY (ETHYLENE-CO-VINYL ACETATE) (EVA)	DR EBY THOMAS THACHIL	27-06-2016
98	ABHILASH G.	PREPARATION OF LOW PROTEIN LATEX: EFFECT OF DIFFERENT CURE SYSTEMS AND FILLERS ON ITS PROPERTIES	DR. RANI JOSEPH & DR. MATHIAZHAKAN	05-07-2016