

ANNA UNIVERSITY

Chennai 600 025

FORMAT FOR ANNUAL REPORT FOR THE YEAR 2018-2019 – JULY TO JUNE

Period from 01.07.2018 to 30.06.2019 (July to June)

(Use separate sheet for each item and don't leave blank columns)

Name of the Department: **DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY**

- 1) Detailed list of Professors, Associate Professors, Assistant Professors and their **Ph.D. specialization** during the period **01.07.2018 to 30.06.2019**

Sl. No.	Name of the Professor/ Associate Professor/ Asst. Professor	E-Mail Address	Field of Specialization
1.	Dr.B.Kothandaraman Professor	bkraman@mitindia.edu	Rubber Modified Thermosets
2.	Dr.V.Subrahmanian Professor	vsubbu@mitindia.edu	Elastomer Engineering, Carbon black, Rubber-Textile composites
3.	Dr.N.Natchimuthu Professor	nmuthu@mitindia.edu natchimuthu@annauniv.edu	Rubber Technology, Polymer blends, Polymer Recycling
4.	Dr.K.Ravichandran Professor	ravi@mitindia.edu	<i>Polymer Blends and Composites ,Polymer Processing, Conductive Elastomers, Organic-Inorganic Hybrid nano composites, Reinforcement of bioplastics, Latex processing</i>
5	Dr.L.S.Jayakumari Associate Professor	jaya@mitindia.edu jayakumari@annauniv.edu	<i>Polymer Synthesis, Polymer Composites & Nano Composites</i>
6.	Dr.K.Elangovan Assistant Professor	elangok@mitindia.edu	Rapid tooling, Polymer Matrix Composites

Name of the Department: **DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY**

2) List of Degrees awarded during the period **01.07.2018 to 30.06.2019**

a. **M.Phil.**

Sl. No.	Title of the Thesis	Name of the Scholar	Name of the Supervisor	Month & Year of Viva-voce conducted
Not Applicable				

b. **M.E. / M.Tech. / M.Arch. / M.Plan. / MBA / MCA**

Sl. No.	Title of the Thesis	Name of the Scholar	Name of the Supervisor	Month & Year of Viva-voce conducted
NIL				

c. **M.Sc. (2 years) programme**

Sl. No.	Title of the Thesis	Name of the Scholar	Name of the Supervisor	Month & Year of Viva-voce conducted
Not Applicable				

d. **M.Sc. (5 years) programme**

Sl. No.	Title of the Thesis	Name of the Scholar	Name of the Supervisor	Month & Year of Viva-voce conducted
Not Applicable				

3) Sponsored Research Projects sanctioned during the period **01.07.2018 to 30.06.2019**:

Sl. No.	Name of the Project	Name of the Co-ordinator	Amount (Rs. in lakh)	Sponsoring Agency
NIL				

4) Industrial Consultancy and Testing undertaken during the period **01.07.2018 to 30.06.2019**:

Sl. No.	Title of the Consultancy	Name of the Co-ordinator	Amount (Rs. in lakh)	Sponsoring Agency
NIL				

Name of the Department: DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY

5) Continuing Education Programmes :

5.1 Training Programmes / Short-term courses and Workshop **conducted** during the period **01.07.2018 to 30.06.2019**:

Sl. No.	Title of the Programme	Date	No. of Participants	Name of the Co-ordinator	Sponsoring Agency
NIL					

5.2 Training Programmes, Short-term courses and Workshop **attended** by the Faculty members in other Institutions during the period **01.07.2018 to 30.06.2019**:

Sl. No.	Name of the Faculty Member and Designation	Date	Title of the programme attended	Venue
NIL				

5.3 Conferences / Seminars / Symposium **conducted** by the Department / Centre / Institute during the period **01.07.2017 to 30.06.2018**:

Sl. No.	Names of the Conferences / Seminars / Symposium / conducted	Date	No. of participants	Venue	Sponsoring Agency
NIL					

Name of the Department: DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY

6) Faculty Development :

6.1 Conferences / Seminars / Symposium attended by the Faculty Members of Anna University at **National Level** during the period **01.07.2018 to 30.06.2019**

Sl. No.	Faculty Name and Designation	Names of Conferences / Seminars / Symposium / attended	Date	Address of Organised Institute
1.	Ms.J.Jebarani, Teaching Fellow	ADMMS'18 International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility	20-21 July 2018	MIT
2.	Ms.J.Jebarani Teaching Fellow	Seminar on Technology Development for Societal Applications	05.09.2018	CTDT
3.	Dr.V.Subrahmanian Professor	FDP Programme on AICTE Induction Programme Level - 0 Workshop	13-15 May 2019	TAG Auditorium CEG Campus
4.	Mr.H.Sheik Mohammed Teaching Fellow	FDP Programme on AICTE Induction Programme Level - 0 Workshop	13-15 May 2019	TAG Auditorium CEG Campus
5.	Mr.H.Sheik Mohammed Teaching Fellow	FDP Programme on AICTE Induction Programme Level - 1 Workshop	10-16 June 2019	TAG Auditorium CEG Campus

6.2. Conferences / Seminars / Symposium / Workshop attended by the Faculty Members of Anna University at **International Level** during the period **01.07.2018 to 30.06.2019**

Sl. No.	Faculty Name and Designation	Name of the Programme attended	Name of the Country visited	Name of Travel grant used	Date
1.	Dr.K.Ravichandran Professor	4th International Conference on Biomedical Polymers & Polymeric Biomaterials (ISBPPS 2018)	Krakow, Poland	Centre for International Affairs Fund	15.07.2018 to 18.07.2018

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6.3. Lectures delivered by the Anna University Faculty members at other Institute during the period **01.07.2018 to 30.06.2019**

Sl. No.	Faculty Name	Designation	Name of the programme	Address of Organized Institute	Date
1.	Dr.L.S.Jayakumari	Associate Professor	Conservation of Nature	Dr.M.G.R. Educational And Research Institute, Maduravoyal, Chennai 600 095	27.07.2018
2.	Dr.K.Elangovan	Assistant Professor	International Conference on Recent Development in Engineering Management Sciences & Technology	Dhaanish Ahmed College of Engineering, Chennai	16.03.2019

6.4 Honours / Awards received from State / National / International bodies by the AU Faculty Members during the period **01.07.2018 to 30.06.2019**

Sl. No.	Name of the Faculty Member	Designation	Name of the Honours / Awards	Name of the Institute / Organization issued the Honours / Awards
1.	Mr..Sheik Mohammed	Teaching Fellow	In Recognition of Extraordinary Contributions to SAEINDIA Southern Section (24.06.2019)	Society of Automotive Engineers (SAEINDIA)

Name of the Department: **DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY**

7) Details of Visitors to the Departments/Centres/Institute other than Anna University Faculty during the period **01.07.2018 to 30.06.2019**

Sl. No.	Name of the visitor	Designation	Address of office / organization	Purpose of Visit	Date of visit
1.	Mr.E.Palanimathan	General Manager (Technology)	Fenner India Limited	interacted with students and presented a technical talk on the recent technological trends in the non-tyre industries	25.02.2019
2.	Mr.A.Srihari	Deputy General Manager			

8) New Equipment / Instruments purchased costing more than **Rs.1.00 lakh** during the period **01.07.2018 to 30.06.2019**:

Sl. No.	Name of the New Equipment / Instrument purchased	Uses of Equipment / Instrument	Purchase cost (more than One Lakh)
NIL			

9) Research Papers Presented in **National** Conferences / Seminars / Symposium / Workshop during the period **01.07.2018 to 30.06.2019**

Sl. No.	Faculty Name and Designation	Title of the Paper presented	Name of the Conference and Venue	Date
1.	Dr.N.Natchimuthu	Trends in Rubber Recycling	National Rubber Conference, Mumbai	02.10.2018

10) Research Papers Presented in **International** Conferences / Seminars / Symposium / Workshop during the period **01.07.2018 to 30.06.2019**

Sl. No.	Faculty Name and Designation	Title of the Paper presented	Name of the Conference and Venue	Date
1.	Dr.K.Ravichandran Professor	Melt Processing and Characterization of Tricalcium phosphate Filled Polybutylene Adipate-co-Terephthalate / Polymethyl Methacrylate Composites for Biomedical Applications	4th International Conference on Biomedical Polymers & Polymeric Biomaterials krakow, Poland	15.07.2018 to 18.07.2018

Name of the Department: DEPARTMENT OF RUBBER & PLASTICS TECHNOLOGY

11) Books / Journals Published during the period 01.07.2018 to 30.06.2019

a. Books published: NIL

Sl. No.	Name of the Book / Title	Author's Name	Name of the Publisher	Month & Year

b. Journals published

Sl. No.	Name of the Title	Author's Name	Name of the Publisher	Month & Year
1.	Studies on Physical Chemistry of Rubber-Rice Husk Ash Composites	V.Subrahmanian and M.Albert Noble Einstien	Journal of Renewable Materials Tech Science Press	Vol. 7, No.2, 2019
2.	Decrystallization of cellulose under the influence of elastomer-assisted mechanical and mechanochemical shear	R. Lavanya and N.Natchimuthu	Journal of Bulletin of Materials Science Indian Academy of Sciences	Vol 42, No. 4, Jan 2019
3.	Melt Processing and characterization of tricalcium phosphate filled polybutylene adipate-co-terephthalate/polymethyl methacrylate composites for biomedical applications	Girija Bheemaneni, K.Ravichandran	International Journal of Polymeric Materials and Polymeric Biomaterials Taylor & Francis	Vol.68 No. 1-3 February 2019
4..	Investigation on the Mechanical and Thermal Properties of PLA/Calcium Silicate Biocomposites for Injection Molding Applications	Savitha Saravana K.Ravichandran	Journal of Silicon Springer Netherlands	Vol.11, No.2, April 2019
5.	Consequence of cenosphere loading on hygrothermal, thermal, and mechanical properties of epoxy syntactic foams	Mandip Kaur L.S.Jayakumari	Journal of Cellular Plastics SAGE Publications	Vol.55, No.3, May 2019
6.	Investigation on the physical, mechanical and tribological properties of areca sheath fibers for brake pad applications	G.Sai Krishnan L.S.Jayakumari L. Ganesh Babu G.Suresh	Journal of Materials Research Express IOP Publishing	Vol. 6, No.8, June 2019

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c. Patents obtained: **NIL**

Sl. No.	Title of the Patent	Inventors	Patent Number	Patent organization	Month & Year

12. List of achievements during the period **01.07.2018 to 30.06.2019** : **NIL**