

WRA's R & D Activities (FY 2018-19)

- R&D Projects completed – 05 nos.
- R&D Projects being completed in June 2019 – 05 nos.
- On-going R&D Projects– 03 nos.
- Products under commercialization stage: 09 nos.
- Patents filed in the year 2018-19: 11 nos.
- Research papers Published in the year 2018-19: 14 nos

Products/Technologies under commercialisation = 5 Under COE- Sportech

Products /Technologies developed by WRA- COE	Industries taken commercially	Remarks
❖Evaporative cooling fabric	M/s NZ N Z SEASONAL WEAR PVT. LTD., Mumbai & M/s Intech safety , Kolkata	Deed Of License has been made
❖Smart t-shirt for measuring real time data of Heart rate, sweat & Temperature	M/s ATTIVA INDIA, Mumbai	MOU has been signed
❖Sportswear with moisture management properties using Polyester, polyester/cellulose blend by surface modification using cellulose micro particles	M/s TRADC, Grasim Industries, Kharach	MOU has been signed
❖Smart indigenous sleeping bag with heating property for adventure/high altitude sports.	M/s Bhavi Multifab Pvt Ltd, Mumbai	Deed Of License has been made
❖waterproof breathable sportswear with desired functional properties by eco- friendly water based coating techniques	M/s J K Texbond, Palghar	J K Texbond, Palghar has shown interest in commercialization.

Products/Technologies under commercialisation = 4 Under COE- Wool

Products /Technologies developed by WRA- COE	Industries taken commercially	Remarks
❖Technology for eco-friendly electro-flocculation technique to treat wastewater effluent	M/s Asiatic engineers, Ahmedabad	Deed Of License has been made
❖Keratin nanofibers based protective face mask	M/s Intech safety , Kolkata	Deed Of License has been made
❖Technology of Membrane Bioreactors for decentralized carpet sector	M/s Mahadev wollens mills, H.P.	MOU has been signed
Green Technology for eco-friendly, mothproofing of Wool & Pashmina	M/s Mojopanda Exim Private Limited, Gurugram	Deed Of License has been made