

1) Projects completed since 2010:

Sl. No.	Title of project	Year of Funding (Duration)	Principal Investigator	Funding organization	Amount Sanctioned (₹ in Lakh)
01	Development and evaluation of water activated, pH-controlled patch for transdermal administration of antiviral drugs	2009 (Three years)	Dr. M. K. Das	UGC	8.923
02	Evaluation of Natural Polymers as Controlled Release Excipients	2011 (Two years)	Dr. L. K.. Nath	AICTE	1.80
03	Phytochemical investigation and Biological evaluation of <i>Sarcochlamys pulcherrima</i> , an indigenous plant of ethnomedicinal importance in Missing community of Assam	2011 (Two years)	Dr. D. Chetia	UGC	1.395
04	Herbosome for transdermal delivery of herbal anti-inflammatory drug from <i>Curcuma longa</i>	2011 (Two years)	Dr. M. K. Das	AICTE	16.00
05	Investigation of anticancer and antiulcer activity of the selected ethno-medicinal plants of Mizoram and further isolation and characterization of their chemical constituents	2012 (Three years)	Dr. S. K. Ghosh	DBT	56.60
06	Synthesis of Hybrid 4-Aminoquinoline-1,3,5-Triazine Derivatives and Evaluation of their Antimalarial Activity	2012 (Three years)	Dr. S. K. Ghosh	DST	42.54
07	Pulmonary delivery of	2012	Dr B.	DBT	12.02

	Nanoparticles of an antifungal agent using Nebuliser or Dry Powder Inhaler	(One year)	Mazumder		
08	Upgradation of laboratory facility for antimalarial activity screening	2012 (One year)	Dr. D. Chetia (Chief Coordinator)	AICTE- (MODROBS)	12.72
09	Modernization of drug delivery research lab	2012 (One year)	Dr. M. K. Das (Chief Coordinator)	AICTE- (MODROBS)	5.00
10	P80-PEG decorated solid lipid nanoparticles for brain tumor targeting	2012	Dr. M. K. Das	DBT (BOAS)	10.96
11	Development of a Polyherbal Formulation for the treatment of Arthritis and Inflammations	2012 (Two years)	Dr. B. B. Kakoti	AICTE	7.50
12	Evaluation of Anti-diabetic and antiulcer potential and Characterization of some lead molecules of some plants of Dibru-Saikhowa Bio Reserve of Assam	2012 (Three years)	Dr. B. B. Kakoti	UGC	9.30
13	Synthesis of Hybrid class phenylthiazole 1,3,5- Triazine derivatives as novel antifolate for Pf-DHFR- TS Inhibition	2013 (Three years)	Dr. S. K. Ghosh	DBT	15.05
14	Nano Carriers as potential for transdermal delivery of anti-arthritic drugs	2013 (One year)	Dr. B. Mazumder	AICTE	20.00
15	Taste masking of bitter drugs with plant polysaccharides grown in Assam and formulation of re-constituable suspension for paediatric use	2013 (Three year)	Dr. H. K. Sharma	UGC	1.90

1. Ongoing projects:

Sl. No.	Title of project	Year of Funding (Duration)	Principal Investigator	Funding organization	Amount Sanctioned (₹ in Lakh)
01	Development of nanostructured lipid carriers (NLCs) based on natural and synthetic lipids for brain targeting of Zidovudine	2014 (Three years)	Dr. M. K. Das	DBT (TP)	26.00
02	Development of biodegradable CNS-targeted nanoparticles for a novel therapeutic approach in chemotherapy of Neuro-AIDS	2015 (Two years)	Dr. M. K. Das	DST (UKIERI)	19.66
03	Phase transition mediated Targeting of thermo-sensitive polymer-drug conjugates to Human ovarian tumours	2016 (Three years)	Dr. L. K. Nath	DBT	45.99
04	Antimalarial drug discovery from natural sources/by chemical synthesis from available lead molecules/through repositioning	2016 (Five years)	Dr. D. Chetia (Coordinator)	UGC (UGC-SAP, DRS-I)	64.25

05	Development of novel biodegradable polymeric nanocarriers for viral reservoir targeting of anti-HIV drugs.	2016 (Two years)	Dr. M. K. Das	UGC	6.69
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2. Ongoing projects of Research Scholars/ Fellowship:

Sl. No.	Title of project	Year of Funding (Duration)	Principal Investigator/ Scholar	Funding organization	Amount Sanctioned (₹ in Lakh)
01	Design and Evaluation of Lipid based Nano-scale targeted Drug delivery system for anti-tubercular drugs	2015 (Two years)	Paulami Pal	DST	25.96
02	Regioselective bilayer tablets of Natural Antihypertensives from C.colebrookianum and C.asiatica for biphasic release: Formulation Development, Characterization and Optimization	2015 (Five years)	Ratnajyoti Das	UGC	17.28
03	Design, Synthesis and Evaluation of 1, 2, 4-Trioxane Derivatives for Antimalarial Activity	2015 (Five years)	Mithun Rudrapal	UGC	18.99