

Students selected for the Research Award/ Medal, 2015-16

Award ceremony is on July 16, 2016

Venue: XICA Auditorium; Time: 11.00 am

No	Name of The Student	Title of The Project	Status
Hindi			
1	Habil Murmu	Hindi khandakavya 'panchavati' mein varnith shurpankha ka charitra: Aadhinik naari ke pariprekhya mein.	Certificate And Ms Rupalee Vijn prize for Excellence in Research in Hindi
Psychology			
2	Alam Parmar	A comparative study of internet usage and adjustment problems in school going adolescents	Medal and Certificate And Mr Prabhat Vij prize for Excellence in Research in Psychology
3	Jyoti S Patel	Influence of the performing arts on an individual's self efficacy	Certificate
4	Vishwa Choksi	The effect of self concept on gender and academic preference of college students	Certificate
5	Rhea D Bose	A comparative study of depression among adolescents residing in urban and rural areas	Certificate
6	Bhavika Panchal	Socio-economic status and women empowerment	Certificate
English			
7	Divyanshi Shaktawat	Language as a tool for miscommunication, non-communication and politics of Control	Medal and Certificate And Mr Donald Marks prize for Excellence in Research in English
Economics			
8	Eshan Shenolikar Mitali Soyantar	A survey of a welfare scheme in Ahmedabad: "Sukanya Samridhi Yojana" (SSY)	Medal and Certificate And Lt Madhuben J Patel prize for Excellence in Research in Economics
9	Sukanya S Nair	Currency movements and export-India Vis-a vis China	Medal and Certificate And Mr Dilipbhai Parikh prize for Excellence in Research in Economics
Sanskrit			
10	Margie Parikh	First Adhyaya of Shukraniti: Lessons for Leadership and Management Practices	Medal and Certificate And Mr Shital Patwa prize for Excellence in Research in Sanskrit
Statistics			
11	Dishanshi Joshi	A two warehouses inventory model with exponential demand and constant	Medal and Certificate And Mr Aldwyn Dias

		deteroration rate	prize for Excellence in Research in Statistics
12	Prachi Mukul Saxena	An inventory model for two warehouses with constant deterioration and quadratic demand rate under inflation and permissible delay in payments	Certificate
13	Parth Patel	Effect of working on child education	Certificate
14	Vishwa Ilesh Shah	Effect of social media on academic performance	Medal and Certificate
Biochemistry			
15	Saniya Pamnani, Somaiya Yash & Nishi Nair	Optimizarion of culture conditions for degradatation of oil by microbial isolate SXCA BCGS 3	Medal and Certificate And Mr Nilesh Patel prize for Excellence in Research in Biotechnology
16	Darshan Mehta & Anushree R. Shah	Comparative anti-proliferative effects of Triphala formulations on Schizosaccharomyces pombe (NCYC-1683) and Saccharomyces cerevisiae based on cell viability and protein content	Medal and Certificate And Mr Harshad Shah prize for Excellence in Research in Voc. Biotechnology
17	Farhinbanu Sheikh & Zaineb sidhpurwala	Microbial assay for vitamin B12 in various Vegan foods	Certificate and Mr Jayantibhai Patel prize for Excellence in Research in Biochemistry
18	Hitrath Patel	Phytochemical screening of Celastrus paniculatus claimed for anti-fungal activity	Certificate
Physics			
19	Utsav A. Kotia	Analysis of equation of state of solids	Medal and Certificate Mr Krishnakumar Vijn prize for Excellence in Research in Physics/electronics
20	Jay Parikh	Size effect on melting temperature of nanoparticles	Medal and Certificate Lt Mr Peter Gabriel Jadav Prize for excellence in Research in Physics
21	Mayur Chavda	Graphene oxide: synthesis, properties and characteristics	Medal and Certificate
22	Kuldeep Dave	Computational insights into disruption of amyloid beta oligomers using small molecule morin	Medal and Certificate
23	Neharika Rajkumar Doulani	A comparative study of particulate matter concentration in different cities across India	Medal and Certificate
24	Divya Ashwin Patel	Particulate matter concentration in Ambient air: A case study of dust storm	Medal and Certificate And Lt Mr Peter

		in Ahmedabad	Gabriel Jadav Prize for excellence in Research in Physics
25	Mohit Omprakash Porval	Seasonal variability of particulate matter concentration in Ambient air: a case study of Ahmedabad city	Medal and Certificate
26	Raj Chhatbar & Aakash Patel	Study of Paschen's law and Langmuir probe diagnostics for DC glow discharge	Medal and Certificate And Mr Manish J Patel prize for Excellence in Research in Physics
27	Gaurav Prajapati & Pritesh Khatri	Understanding plasma surface activation on polyethylene surface	Medal and Certificate and Mr Nadeemahmed Jafri prize for Excellence in Research in Physics
Maths			
28	Rashi S.Lunia	The algebra of q-numbers and q-Mean Value Theorems	Medal and Certificate And Mr Tushar J Patel prize for Excellence in Research in Mathematics
29	Nandini Vinchhi	Some Results on Edge Product Cordial Labeling	Medal and Certificate And Mr Hiten Shah prize for Excellence in Research in Mathematics
30	Dhruv Bhasin	The Union closed sets conjecture	Certificate
31	Kareeshaa Shah & Het Shah	A mathematical paradox: prisoner's Dilemma	Certificate
Chemistry			
32	Nishi Parikh	Synthesis and study of Graphene/silver nanocomposites via Bioreduction	Medal and Certificate
33	Nidhi Patel	Synthesis and study of Graphene-Gold nanocomposites by Bioreduction using Nutmeg extract	Medal and Certificate
34	Yash Gor	Synthesis and study of catalytic properties of silver nanoparticles	Medal and Certificate And Mr Nilesh Patel prize for Excellence in Research in Chemistry
35	Dushyant Singh M Rajpurohit	Synthesis and characterization of Schiff base ligands derived from salicylaldehyde with 4-aminoantipyrene and benzene-1-2-diamine and their metal complexes	Medal and Certificate
36	Neil Sheth	In-situ synthesis of Graphene Oxide-TiO ₂ Nanocomposites at different pH	Medal and Certificate And Jayshree Enterprises prize for Excellence in Research in Industrial Chemistry
37	Danielson C	Primary studies on removal of reactive	Medal and Certificate

	Syiemlieh	dyes and synthesis of cyanuric chloride derivatives	
38	Hemali Vachhani	Removal of reactive dye solution by coagulation and flocculation method	Medal and Certificate
39	Jeslin Jayarajan	Decolourisation of reactive dye solution by coagulation and flocculation method	Medal and Certificate And Mr Harshad Shah prize for Excellence in Research in Chemistry at MSc Level
40	Hardik B Koshti	Synthesis, characterization and study of catalytic property of gold nanoparticles	Medal and Certificate
Zoology			
41	Malay A Vyas	Documentation of the avian fauna on the campus of St Xavier's College (Autonomous), Ahmedabad	Certificate And Mr Harshad Shah Prize for Excellence in Research in Zoology
42	Bony Luke Sam	Ehtology of greater flamingo in captivity	Certificate
Computer Sciences			
43	Harsh Jain Lokesh, Sahil Chachad, Hasmukhbhai, V Nandini Soni	Attendance Management System	Medal and Certificate And Mr Aldwyn Dias Prize for Excellence in Research in Computer sciences
44	Khushboo Sakerwala, MrinalDutta	Stressometer	Certificate