



Miranda House

UNIVERSITY OF DELHI

Departmental Annual Report - 3

Departmental Activities: Curriculum and Beyond

Department: Physics

Academic Year: 2016 -2017 (from 1 July 2016 to 30 June 2017)

Part A.1

Students undertaking project work/field work/internship as part of experiential learning component of coursework

Programme: BSc (Hons) Physics, CBCS

Semester: IV

Course: SEC

Paper: Renewable Energy and Energy Harvesting

Paper Code: 32223905

Faculty: Dr. Abha Dev Habib, Dr. Monika Tomar, Dr. Sunita Singh and Dr. Nisha Rani

Total students undertaking projects: 96

S.No	Univ Roll No	Student	S.No	Univ Roll No	Student
1	15047567001	AASHNA GUPTA	49	15047567052	PARUL YADAV
2	15047567002	ADITI	50	15047567053	PRAGYA SARASWAT
3	15047567003	AKSHARA	51	15047567054	PRASHANSHA
4	15047567004	AMISHA	52	15047567055	PRIYA
5	15047567005	AMOM LANCHENBI CHANU	53	15047567056	PRIYAMVADA PRIYA
6	15047567007	ANJALI	54	15047567057	PRIYANKA BANSAL
7	15047567009	ANKITA DAS	55	15047567058	PRIYANKA RANI
8	15047567010	ANMOL MOR	56	15047567059	PRIYANKA YADAV
9	15047567011	ANSHUMALI	57	15047567060	RADHIKA PRASAD
10	15047567012	ANUP YADAV	58	15047567062	RASHMI
11	15047567013	AROOJ KHALIL	59	15047567063	RENU CHAUHAN
12	15047567014	ARTI KONJENGBAM	60	15047567064	RESHMA MENON R
13	15047567015	ASHMITA SEN	61	15047567065	RICHA SHARMA
14	15047567016	ATHIRA VIJAYAN	62	15047567067	RUPAL VATS
15	15047567017	AVANTIKA GAUTAM	63	15047567068	RUPALI YADAV
16	15047567018	AYEKPAM MALEMNGANBI CHANU	64	15047567069	SAKSHI CHAUHAN
17	15047567019	BHAWNA KUMARI	65	15047567070	SAKSHI JAIN



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S.No	Univ Roll No	Student	S.No	Univ Roll No	Student
18	15047567020	DEEPAKSHI	66	15047567071	SANJU RANI
19	15047567021	DEEPALI SHUKLA	67	15047567072	SARBANI CHATTERJEE
20	15047567022	DEEPIKA NEGI	68	15047567073	SHARADA YADAV
21	15047567023	DIVYA PAL	69	15047567074	SHEFALI
22	15047567024	ERA TAHLAN	70	15047567076	SHIVANI GAUTAM
23	15047567025	FAHAMIDA BANO	71	15047567077	SHIVANSHI TIWARI
24	15047567026	GAZALA AFREEN	72	15047567078	SHIYONA
25	15047567027	JYOTI	73	15047567079	SHOBHNA YADAV
26	15047567028	JYOTI RANI	74	15047567080	SHRADDHA PURI
27	15047567030	KANIKA BHARDWAJ	75	15047567081	SHRADHA DANGI THAKUR
28	15047567031	KIRTI MAHLAWAT	76	15047567082	SHREOSI MUKHERJEE
29	15047567032	KM DEEKSHA VERMA	77	15047567083	SHREYA KAPOOR
30	15047567033	KRITI JAIN	78	15047567084	SHRIJA RASTOGI
31	15047567034	KRITIKA GAUTAM	79	15047567085	SHUBHANGI
32	15047567035	KRITIKA SHARMA	80	15047567086	SIMRAN NISHAL
33	15047567036	LAXMI GUPTA	81	15047567087	SRISHTY AGGARWAL
34	15047567037	MAHIMA	82	15047567088	SUGANDH SIROHI
35	15047567038	MANISHA BANSAL	83	15047567089	SUMAN MEENA
36	15047567039	MANJEET	84	15047567090	SUMAN SHARMA
37	15047567040	MANSI ARYA	85	15047567091	SUMEDHA
38	15047567041	MARIESWARI P	86	15047567092	SUSHMITA SAH
39	15047567042	NEERU YADAV	87	15047567093	SWATI UNIYAL
40	15047567043	NEETU YADAV	88	15047567094	SWAYAMSIDDHA JOSHI
41	15047567044	NEHA	89	15047567095	SYEDA BARIRAH HASAN
42	15047567045	NIDHI	90	15047567096	TAPASI DEVI
43	15047567046	NISHI SHARMA	91	15047567097	UJJWAL DHULL
44	15047567047	NISHITA SHUKLA	92	15047567098	VANITA SIWACH
45	15047567048	NISHTHA	93	15047567099	VARNAM SHERAWAT
46	15047567049	NITESH MEENA	94	15047567100	VISHAKHA
47	15047567050	NUPUR PATEL	95	15047567101	VISHAKHA AGARWAL
48	15047567051	PARUL ISRANI	96	15047567102	YASHIKA



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Part A.2

Students undertaking project work/field work/internship (beyond the requirements of coursework)

A.2.1

Following students of B.Sc (Hons) Physics participated in the 6-weeks long DSKC Summer Workshop 2016, held from 1 June to 15 July 2016 and successfully completed their projects.

For more info, see:

<https://mirandahouse.ac.in/uploads/dskc/summerworkshop/2016%20DSKC%20Summer%20Workshop%20Report.pdf>

S.No	Student	Semester	Project Title
1	Manjeet	II Semester	Savant Stick
2	Ayekpam Malemnganbi	II Semester	Savant Stick
3	Arti Konjengbam	II Semester	Savant Stick
4	Simran Malik	IV Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
5	Shefali	II Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
6	Swayamsiddha Joshi	II Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
7	Amom Lanchenbi Chanu	II Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
8	Jyoti	II Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
9	Aashna Gupta	II Semester	Wilson Cloud Chamber and Data Analysis from Quarknet
10	Richa Sharma	II Semester	Arduino Bluetooth RC Car
11	Sakshi Jain	II Semester	Arduino Bluetooth RC Car
12	Nishtha	II Semester	Card Board Piano
13	Manisha	II Semester	Card Board Piano
14	Jyoti Rani	II Semester	Card Board Piano
15	Nupur Patel	II Semester	Card Board Piano
16	Kanchan Pandey	II Semester	Card Board Piano
18	Neeru Yadav	II Semester	Mobile Phone Detector
19	Deepali Shukla	II Semester	White Line Follower with Gripper: Robotics
20	Mahima	II Semester	White Line Follower with Gripper: Robotics
21	Nishi Sharma	II Semester	White Line Follower with Gripper: Robotics
22	Avantika Gautam	II Semester	White Line Follower with Gripper: Robotics
23	Kritika Sharma	II Semester	White Line Follower with Gripper: Robotics
24	Manisha	IV Semester	Synthesis and Characterization of Carbon Nano-Particles



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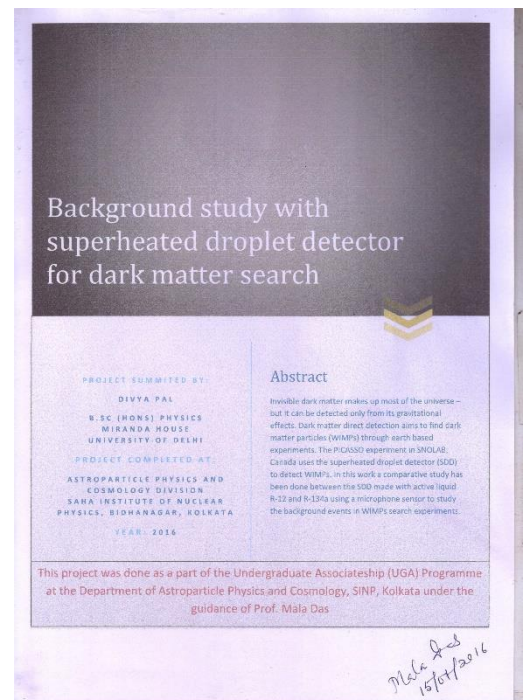
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S.No	Student	Semester	Project Title
25	Manisha Dabla	IV Semester	Synthesis and Characterization of Carbon Nano-Particles

A.2.2

Following students participated in summer workshops held in various research institutions

Divya Pal, BSc (Hons) Physics, II Semester
Title: Background study with superheated droplet detector for dark matter search
Period: July 2016
Institution: Saha Institute of Nuclear Physics, Kolkata
Supervisor: Prof. Dr. Mala Das



Total number of students of B.Sc (Hons) Physics undertaking project work/field work/internship in the academic year 2016-17: 26