



# SACRED HEART COLLEGE (AUTONOMOUS)

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## CRITERION III: RESEARCH, INNOVATIONS AND EXTENSION

**3.4.1: The Institution ensures implementation of its stated Code of Ethics for research. The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:**

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)

### 3. Plagiarism check through software

4. Research Advisory Committee

Assignment Id	Assignment Name	Integration	Paper ID	Submitted Date/Time	Title	Similarity Score	Word Count	Page Count
117112400	Prof Jayakumar	Website	2052813464	4/1/2023 16:44	Design and development of "Crystal Puller using liquid flow control" for Czochralski technique of single crystal growth and investigation of chalcone derivatives	30	3833	18
117112400	Prof Jayakumar	Website	1854116701	6/10/2022 11:53	Project	56	3423	29
117112400	Prof Jayakumar	Website	2059449398	4/9/2023 14:42	Cerium Oxide nanoparticles prepared by hydrothermal method in various calcination temperature	22	2677	24
118898937	Physics PhD	Website	1880212800	8/8/2022 14:39	Studies on structural and optical characterization of	28	4066	16

					pure and Na-doped ZnS nanoparticles			
112256026	Ms Kalaiarasi Proposal	Website	1661385745	9/30/2021 12:20	Project Proposal 2	31	2884	12
117112400	Prof Jayakumar	Website	1854765590	6/11/2022 14:30	Synthesis and characterization of Pure BiFeO3 and Cobalt-Doped BiFeO3 nanoparticles by sol-gel method	5	1558	13
117112400	Prof Jayakumar	Website	2052814830	4/1/2023 16:50	SYNTHESIS OF ZnO/CuO@g-C3N4 TRIPLET HETEROJUNCTION NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATION	49	3668	19
117112400	Prof Jayakumar	Website	1855254118	6/12/2022 18:28	EFFECTS OF DYNAMIC SHOCK WAVE ON TIN OXIDE NANOPARTICLES	6	2280	11
117112400	Prof Jayakumar	Website	1854269487	6/10/2022 17:41	synthesis of zinc ferrite nanoparticles using moringa oliefera leaf extract	30	4363	36
117112400	Prof Jayakumar	Website	1855142370	6/12/2022 12:05	EFFECT ON HIGH PRESSURE OF BISMUTHOXIDE NANOPARTICLES	9	1973	11
114775138	Divya - Dr Jose	Website	1962399940	11/24/2022 9:18	Guidelines for Internship Program for Undergraduate Students	74	869	4
117112400	Prof Jayakumar	Website	1855121153	6/12/2022 10:58	SYNTHESIS AND CHARACTERIZATION OF NICKEL COBALTITE (NiCo2O4) NANOPARTICLES USING ACTIVATED CARBON		2311	17
117112400	Prof Jayakumar	Website	1855728824	6/13/2022 9:03	Synthesis of TiO2 Thin film for Antibacterial Application	4	1951	14
117112400	Prof Jayakumar	Website	1854689163	6/11/2022 10:26	Crystal Growth and Analysis of metal halide Perovskite crystal	21	1556	11
117112400	Prof Jayakumar	Website	1854259327	6/10/2022 17:19	SYNTHESIS AND CHARACTERATION OF ZnSe	22	2489	13

					NANOPARTICLE BY HYDROTHERMAL METHOD			
119934429	Sybil Emarance Loyola	Website	2056362464	4/5/2023 11:02	EFFECT OF SHOCK WAVES ON BFO AND SYNTHESIZED NANOPARTICLES BY HYDROTHERMAL METHOD	26	2305	18
119934429	Sybil Emarance Loyola	Website	2051901649	3/31/2023 14:54	Design and development of "Crystal Puller using liquid flow control" for Czochralski technique of single crystal growth and investigation of chalcone derivatives	14	3352	16
114775138	Divya - Dr Jose	Website	1990653780	1/10/2023 14:41	Comparative study on mixed-phase ratios of TiO <sub>2</sub>	7	1544	6
117112400	Prof Jayakumar	Website	1854778676	6/11/2022 15:28	Growth and characterization of (2E)-2-(3-Dimethoxybenzylidene)-3	4-	2046	20
112256026	Ms Kalaiarasi Proposal	Website	2061438736	4/11/2023 15:27	Project	8	5298	35
114775138	Divya - Dr Jose	Website	1809630576	4/13/2022 16:40	Paper	18	4206	15
117112400	Prof Jayakumar	Website	2058494432	4/7/2023 23:06	SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE AND IRON OXIDE NANOPARTICLES BY USING CUMINUM CYMINUM SEED EXTRACT	11	5156	27
117112400	Prof Jayakumar	Website	1854270584	6/10/2022 17:44	BISMUTH OXIDE	12	1930	12
117112400	Prof Jayakumar	Website	2056467772	4/5/2023 14:47	Computational Identification of Lead Compounds Against Mutant KRAS	37	4731	21
112256026	Ms Kalaiarasi Proposal	Website	2056426115	4/5/2023 13:03	An investigation on the structural and magnetic behavior of electrodeposited Ni-Mn thin films	28	3450	19
117112400	Prof Jayakumar	Website	1854167329	6/10/2022 13:37	Green Synthesis of Nano Particles	23	412	4

117112400	Prof Jayakumar	Website	1854735498	6/11/2022 12:32	SYNTHESIS	35	2147	13
119934429	Sybil Emarance Loyola	Website	2051941130	3/31/2023 16:21	Cerium oxide nanoparticles prepared by hydrothermal method in various calcination temperature	28	2144	12
114775138	Divya - Dr Jose	Website	1987027539	#####	Article	20	4556	17
119934429	Sybil Emarance Loyola	Website	2056415348	4/5/2023 12:38	Investigation of properties of Cadmium borate against the impact of shock wavesDissertation	17	3713	18
117112400	Prof Jayakumar	Website	2060480380	4/10/2023 17:03	PROJECT	24	1928	18
119934429	Sybil Emarance Loyola	Website	2054512229	4/3/2023 16:27	GROWTH AND CHARATERIZTION OF (2E)-2-(3	3	1599	10
112256026	Ms Kalaiarasi Proposal	Website	2056423919	4/5/2023 12:58	SCREENING OF NOVEL INHIBITORS AGAINST EGFR- POSITIVE LUNG CANCER-A COMPUTATIONAL APPROACH	13	3397	20
117112400	Prof Jayakumar	Website	1854078603	6/10/2022 10:37	Project	18	3883	21
117112400	Prof Jayakumar	Website	1855119646	6/12/2022 10:53	SYNTHESIS AND CHARACTERIZATION OF ZnS NANOPARTICLES BY CO- PRECIPITATION METHOD	8	3115	24
118898937	Physics PhD	Website	1897567511	9/12/2022 8:53	Investigation of metastability effects in thin film solar cells	--	917	2
117112400	Prof Jayakumar	Website	2051785127	3/31/2023 11:15	Computational Identification of Lead Compounds Against Mutant KRAS	40	4853	27
114775138	Divya - Dr Jose	Website	1829785347	5/6/2022 16:13	An investigation of temperature and frequency dependent dielectric response of Co3O4@SiO2 core shell structured nanocomposites	23	4451	16

117112400	Prof Jayakumar	Website	1854763738	6/11/2022 14:23	STUDY ON STRUCTURAL	19	4179	23
114775138	Divya - Dr Jose	Website	1809630225	4/13/2022 16:39	Paper 2	26	4287	16
119934429	Sybil Emarance Loyola	Website	2056315926	4/5/2023 9:56	STRUCTURAL AND OPTICAL CHARACTERIZATION OF PURE AND (Fe	14	1359	13
112256026	Ms Kalaiarasi Proposal	Website	2056499446	4/5/2023 16:12	Synthesis and Characterization of TiO <sub>2</sub> Nanoparticles by Hydrothermal method	19	1742	14
117112400	Prof Jayakumar	Website	2057353087	4/6/2023 12:09	SYNTHESIS AND CHARACTERIZATION OF ZINC AND IRON OXIDE NANOPARTICLES BY USING CUMINUM CYMINUM SEED EXTRACT	11	5155	27
118898937	Physics PhD	Website	2050903722	3/30/2023 16:06	SCREENING OF NOVEL INHIBITORS AGAINST EGFR	31	3692	19
114775138	Divya - Dr Jose	Website	1847125193	5/30/2022 16:05	PROJECT	16	4412	17
119934429	Sybil Emarance Loyola	Website	2056389880	4/5/2023 11:52	SYNTHESIS OF ZnO/CuO@g-C <sub>3</sub> N <sub>4</sub> TRIPLET HETEROJUNCTION NANOCOMPOSITE FOR PHOTOCATALYTIC APPLICATION	9	2432	15
117112400	Prof Jayakumar	Website	1855263693	6/12/2022 18:55	Synthesis and characteraization of TiO <sub>2</sub> Nanoparticles	15	1700	14
117112400	Prof Jayakumar	Website	2052814371	4/1/2023 16:48	synthesis and characterization of tio <sub>2</sub> nanoparticles by hydrothermal method	31	1459	14
117112400	Prof Jayakumar	Website	1855252799	6/12/2022 18:24	Project	30	812	3
117112400	Prof Jayakumar	Website	1855325588	6/12/2022 21:28	Project	--	2978	23
117112400	Prof Jayakumar	Website	1931186934	10/21/2022 8:48	Investigation on the structural	32	3828	21
114775138	Divya - Dr Jose	Website	1726513202	#####	REMOVAL OF HEAVY METAL (Cd <sup>2+</sup> ) USING NOVEL RARE EARTH GARNET Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> THROUGH ADSORPTION TECHNIQUE AND	15	3044	11

					ITS PERSPECTIVE ON OPTIMIZATION OF ANNEALING TEMPERATURE			
119934429	Sybil Emarance Loyola	Website	2051839871	3/31/2023 12:42	Breadth First Search spanning trees for complete graph	30	4370	45
119934429	Sybil Emarance Loyola	Website	2051903600	3/31/2023 14:58	GROWTH AND CHARACTERIZATION OF (2E)-2-(3	30	2179	12
117112400	Prof Jayakumar	Website	1750510704	1/29/2022 12:45	Investigation on the Photocatalytic applications of undoped	28	6606	27
117112400	Prof Jayakumar	Website	1855911587	6/13/2022 13:43	SYNTHESIS AND CHARACTERIZATION	5	1484	9
114775138	Divya - Dr Jose	Website	1980800924	12/14/2022 9:42	Unraveling an extensive study on frequency and temperature dependent AC conductivity and dielectric behavior of paramagnetic Mn <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> core shell nanocomposites	25	4471	16
117112400	Prof Jayakumar	Website	1855147166	6/12/2022 12:19	SYNTHESIS AND CHARACTERIZATION OF NICKEL COBALTITE (NiCo <sub>2</sub> O <sub>4</sub> ) NANOPARTICLES USING ACTIVATED CARBON	8	2311	17
118898937	Physics PhD	Website	1879111909	8/5/2022 16:57	Studies on structural and optical characterization of pure and Na-doped ZnS nanoparticles	32	4040	16
119934429	Sybil Emarance Loyola	Website	2051840589	3/31/2023 12:43	SYNTHESIS AND CHARACTERIZATION OF IRON AND ZINC OXIDE NANOPARTICLES USING CALOTROPIS GIGANTEA LATEX EXTRACT	24	6850	42
117112400	Prof Jayakumar	Website	1855330063	6/12/2022 21:38	Project	6	1951	14
119934429	Sybil Emarance	Website	2062400670	4/12/2023 14:47	PROJECT	17	1911	14

	Loyola							
114775138	Divya - Dr Jose	Website	1996473990	1/21/2023 11:43	Improved giant dielectric properties of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> by Doping NbO	28	3455	11
117112400	Prof Jayakumar	Website	1854689621	6/11/2022 10:27	FINAL THESIS.	19	2999	15
119934429	Sybil Emarance Loyola	Website	2051924919	3/31/2023 15:45	Thesis	18	3594	25
117112400	Prof Jayakumar	Website	1855325178	6/12/2022 21:27	Project	6	1951	14
117112400	Prof Jayakumar	Website	1854164572	6/10/2022 13:31	Project	19	4436	23
112256026	Ms Kalaiarasi Proposal	Website	2056479744	4/5/2023 15:19	Project	6	4994	26
117112400	Prof Jayakumar	Website	1801188524	4/4/2022 12:58	Paper1	31	4282	15
117112400	Prof Jayakumar	Website	1854764215	6/11/2022 14:25	Synthesis and characterization of CeO <sub>2</sub> / Nb <sub>2</sub> O <sub>5</sub> nanocomposite by Co-precipitation method	17	4031	35
117112400	Prof Jayakumar	Website	1854674270	6/11/2022 9:51	project report	40	3232	25
117112400	Prof Jayakumar	Website	2057722116	4/6/2023 22:53	Investigations on structural and optical properties of pure CuO and M-compositeCuO (M=Ca	26	2935	20
112256026	Ms Kalaiarasi Proposal	Website	1661352690	9/30/2021 11:18	Project Proposal1	40	2879	12
114775138	Divya - Dr Jose	Website	1817959768	4/23/2022 11:33	An investigation of temperature and frequency dependent dielectric properties of Co <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell structured nanocomposites	23	4357	16
119934429	Sybil Emarance Loyola	Website	2056503631	4/5/2023 16:24	Project	7	8424	54

117112400	Prof Jayakumar	Website	2057355833	4/6/2023 12:14	Growth and characterization of 2-chlorobenzyl methyl methacrylate single crystals and their effect on the Energetic N <sub>2</sub> Glow Discharge Plasma	18	3073	19
114775138	Divya - Dr Jose	Website	1726201509	12/10/2021 9:25	REMOVAL OF HEAVY METAL (Cd <sup>2+</sup> ) USING NOVEL RARE EARTH GARNET Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> THROUGH ADSORPTION TECHNIQUE AND ITS PERSPECTIVE ON OPTIMIZATION OF ANNEALING TEMPERATURE	22	4505	19
114775138	Divya - Dr Jose	Website	1931347170	#####	Study on catalytic and dielectric behavior	27	3335	11
112256026	Ms Kalaiarasi Proposal	Website	2056442999	4/5/2023 13:44	Investigation and characterization of NLO crystal SAP and potassium chloride	16	1041	12
117112400	Prof Jayakumar	Website	1854688663	6/11/2022 10:25	Nano Technology	40	3232	25
117112400	Prof Jayakumar	Website	2058510615	4/7/2023 23:34	Synthesis and characterization of pure and shock loaded Mn <sub>3</sub> O <sub>4</sub> nps-Bp210318	22	1567	13
119934429	Sybil Emarance Loyola	Website	2054507187	4/3/2023 16:16	GROWTH AND CHARACTERIZATION OF SODIUM ACID PHTHALATE DOPPED WITH LANTHANUM NITRATE HEXAHYDRATE	8	1811	15
117112400	Prof Jayakumar	Website	1802339744	4/5/2022 15:33	Paper 2	27	4376	14
117112400	Prof Jayakumar	Website	2060477323	4/10/2023 16:55	OPTICAL AND ELECTRICAL ANALYSIS OF (2E)-2-(3	4	1698	15
117112400	Prof Jayakumar	Website	1855743515	6/13/2022 9:18	Green synthesis of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> & NiO Nanoparticles using Ficus religiosa bark extract	5	6314	48
117112400	Prof Jayakumar	Website	2052761066	4/1/2023 12:38	Impact of Dynamic Shock Waves on BaS	41	2912	13
114775138	Divya - Dr Jose	Website	1996474150	1/21/2023 11:44	Investigation on Copper Cobaltite (CuCo <sub>2</sub> O <sub>4</sub> ) and its composite with	15	2242	9



					Activated Carbon (CuCo2O4 /AC) for Supercapacitor Applications.			
114775138	Divya - Dr Jose	Website	1867160985	7/6/2022 9:28	Influence of yttrium on CCTO for dielectric and electrical behaviour	57	5070	27
114775138	Divya - Dr Jose	Website	1997634628	1/23/2023 15:50	Study on complex Impedance	23	4496	15
117112400	Prof Jayakumar	Website	1854778048	6/11/2022 15:26	MINERALOGICAL TRACES OF ARCHAEOLOGICAL POTTERY SAMPLES WERE EXCAVATED FROM VALASAI VILLAGE	21	6903	34
117112400	Prof Jayakumar	Website	2052761860	4/1/2023 12:41	Spherical Morphological ZnO as a Photo Anode Material for Dye Sensitized Solar cell using Congo Red dye	23	1665	14
114775138	Divya - Dr Jose	Website	1850247901	6/4/2022 15:43	Structural	17	3258	14
117112400	Prof Jayakumar	Website	2058510081	4/7/2023 23:33	IVESTIGATIONS ON STRUCTURAL AND OPTICAL PROPERTIES OF PURE CuO AND M-COMPOSITES CuO (M=Ca	17	2599	20
118898937	Physics PhD	Website	1919081699	10/7/2022 15:40	Proposal	37	3650	16
112256026	Ms Kalaiarasi Proposal	Website	1661436385	9/30/2021 14:37	Project Proposal 3	26	2663	10
112256026	Ms Kalaiarasi Proposal	Website	2056482272	4/5/2023 15:26	SPHERICAL MORPHOLOGICAL ZnO AS A PHOTO ANODE MATERIAL FOR DYE SENSITIZED SOLAR CELL USING INDIGO BLUE DYE	24	3184	22
117112400	Prof Jayakumar	Website	2057369734	4/6/2023 12:36	Structural Property of Activated Carbon Investigation OnPrepared from Domestic waste	6	1507	10
117112400	Prof Jayakumar	Website	1855727538	6/13/2022 9:02	GREEN SYNTHESIS OF COPPER AND NICKEL OXIDE NANOPARTICLES USING MYRISTICA FRAGRANS POWDEREXTRACT	24	3658	31

114775138	Divya - Dr Jose	Website	1720339330	12/4/2021 15:40	Impact of amorphous SiO <sub>2</sub> as shell material on superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles	21	5268	19
112256026	Ms Kalaiarasi Proposal	Website	1661336425	9/30/2021 10:49	Project Proposal	50	3946	19
117112400	Prof Jayakumar	Website	1855129994	6/12/2022 11:25	Crystal Growth and Analysis of metal halide Perovskite crystal	18	2686	17
117112400	Prof Jayakumar	Website	1899448307	9/14/2022 10:48	Thesis Report	36	24494	115
119934429	Sybil Emarance Loyola	Website	2051923518	3/31/2023 15:42	Characterization of chitosan and biotin coated with the synthesized TiO <sub>2</sub> nanoparticles for cancer treatment	17	3759	25
117112400	Prof Jayakumar	Website	1855332022	6/12/2022 21:43	project	--	2978	23
119934429	Sybil Emarance Loyola	Website	1808472407	4/12/2022 9:02	Thesis	16	23501	65
117112400	Prof Jayakumar	Website	1854108292	6/10/2022 11:35	Synthesis and characterization of Tantalum doped Nd <sub>2</sub> O <sub>3</sub>	8	2400	13
117112400	Prof Jayakumar	Website	1854270266	6/10/2022 17:43	Synthesis and Characterization of Pure Bi <sub>2</sub> FeO <sub>7</sub>	17	1626	13
114775138	Divya - Dr Jose	Website	1792607032	3/25/2022 16:04	Programme Specific Outcomes	--	193	1
117112400	Prof Jayakumar	Website	2052814189	4/1/2023 16:47	Study on Structural and Optical properties of Pure CuO and CuO Based Metal Nanocomposite	31	2046	15
117112400	Prof Jayakumar	Website	1944371261	11/4/2022 17:16	Chapter 10	18	2429	15
117112400	Prof Jayakumar	Website	1854676152	6/11/2022 9:55	Synthesis and characterization of MoO <sub>3</sub> and MoS <sub>2</sub> nanoparticles	8	1482	10
119934429	Sybil Emarance Loyola	Website	2054409486	4/3/2023 12:51	Computational Identification of Lead Compounds Against Mutant KRAS	27	4814	27
117112400	Prof Jayakumar	Website	2057356783	4/6/2023 12:15	GROWTH AND CHARACTERIZATION OF 2-	14	3469	20

					NITROBENZYL METHYL ACRYLATE SINGLE CRYSTALS AND THEIR PRELIMINARY ASSESSMENT ON THE EFFECT OF GLOW-DISCHARGE PLASMA			
117112400	Prof Jayakumar	Website	2052815396	4/1/2023 16:53	Investigation on structural properties of activated carbon prepared from domestic waste.	5	1472	9
114775138	Divya - Dr Jose	Website	1980807101	12/14/2022 9:49	Study on complex Impedance	21	3860	14
112256026	Ms Kalaiarasi Proposal	Website	2056495632	4/5/2023 16:02	Growth and characterization of 2-chlorobenzyl methyl methacrylate single crystals and their effect on the Energetic N2 Glow Discharge Plasma	26	3344	21
112256026	Ms Kalaiarasi Proposal	Website	2060320299	4/10/2023 11:29	Growth and investigation of MBT chalcone derivatives crystal	16	2563	20
117112400	Prof Jayakumar	Website	1855253854	6/12/2022 18:27	BISMUTH OXIDE NANOPARTICLES (Bi2O3)	8	1974	10
114775138	Divya - Dr Jose	Website	1981044929	#####	Synthesis of Pure and NbO doped CCTO to study the electrical properties using Impedance spectroscopy	28	2439	9
117112400	Prof Jayakumar	Website	2057369166	4/6/2023 12:35	Project Final	9	5247	30
117112400	Prof Jayakumar	Website	1855254788	6/12/2022 18:30	TiO2 Nanoparticles by Hydrogel for Biomedical Application	18	2057	16
119934429	Sybil Emarance Loyola	Website	2054432280	4/3/2023 13:35	INVESTIGATION ON GROWTH AND CHARACTERIZATION OF GLYCINE PARA NITROPHENOL FOR NLO APPLICATION	10	1420	17
117112400	Prof Jayakumar	Website	2058519280	4/7/2023 23:49	SCREENING OF NOVEL INHIBITORS AGAINST EGFR-POSITIVE LUNG CANCER-A COMPUTATIONAL APPROACH	23	2757	20
114775138	Divya - Dr Jose	Website	1729018817	#####	Investigation of dielectric properties of Zn2SnO4	21	6459	30

					amorphous SiO <sub>2</sub> core shell structured nanocomposites			
117112400	Prof Jayakumar	Website	1813238582	4/18/2022 10:37	Paper	24	8119	38
117112400	Prof Jayakumar	Website	1854158829	6/10/2022 13:18	Project	29	2125	13
119934429	Sybil Emarance Loyola	Website	2056332323	4/5/2023 10:17	Project	2	5257	26
117112400	Prof Jayakumar	Website	1855745471	6/13/2022 9:19	TiO <sub>2</sub> Nanoparticles by Hydrogel for Biomedical Application	17	2082	15
117112400	Prof Jayakumar	Website	1987027146	#####	Thesis	42	37892	224
114775138	Divya - Dr Jose	Website	1980811164	12/14/2022 9:54	Synthesis of pure and NbO doped CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics	30	2816	11
114775138	Divya - Dr Jose	Website	2050741633	3/30/2023 11:29	CaO Plagarism	20	3377	12
114775138	Divya - Dr Jose	Website	1850247641	6/4/2022 15:41	Synthesis and characterization and dielectric behavior of MgO and MgO/SiO <sub>2</sub> nanocomposites	24	2763	11
117112400	Prof Jayakumar	Website	1854271084	6/10/2022 17:45	Crystal Growth	47	3053	18
117112400	Prof Jayakumar	Website	1843796148	5/25/2022 13:00	Exploration on the photocatalytic efficiency of undoped	23	8232	38
117112400	Prof Jayakumar	Website	1855254393	6/12/2022 18:29	Synthesis of TiO <sub>2</sub> Thin film for Antibacterial Application	11	1843	14
117112400	Prof Jayakumar	Website	1958596659	#####	Chapter 1	24	7053	30
119934429	Sybil Emarance Loyola	Website	2054489572	4/3/2023 15:37	Synthesis	27	968	10
117112400	Prof Jayakumar	Website	1854678202	6/11/2022 10:00	Project report.	21	3794	34
114775138	Divya - Dr Jose	Website	2036811987	3/14/2023 11:05	Comparative study on the photocatalytic activity of anatase/brookite mixed phase TiO <sub>2</sub> @ SiO <sub>2</sub>	10	2925	12

117112400	Prof Jayakumar	Website	2052760744	4/1/2023 12:36	Investigation of Properties of Cadmium borate against the impact of Shock Wave	38	3197	14
114775138	Divya - Dr Jose	Website	1883414074	8/17/2022 8:43	investigation on the structural	24	1493	7
117112400	Prof Jayakumar	Website	1855266005	6/12/2022 19:01	Synthesis and Characterization of MoO <sub>3</sub> and MoS <sub>2</sub> Nanoparticles	9	1813	11
117112400	Prof Jayakumar	Website	1855850217	6/13/2022 11:44	SYNTHESIS AND CHARACTERIZATION OF $\gamma$ -Al <sub>2</sub> O <sub>3</sub> NANOPARTICLES	11	2981	23
114775138	Divya - Dr Jose	Website	1829785084	5/6/2022 16:12	The structural	17	4257	16
114775138	Divya - Dr Jose	Website	1843746041	5/25/2022 11:07	Design of NiO@ SiO <sub>2</sub> core shell nanocomposites and unveiling their dielectric behavior	15	4409	16
114775138	Divya - Dr Jose	Website	2036057214	3/13/2023 15:18	Comparative Studies on Dielectric Properties of MoO doped on A and B sites of CCTO ceramics synthesized by solgel process	24	2319	11
117112400	Prof Jayakumar	Website	1855118364	6/12/2022 10:49	SYNTHESIS AND CHARACTERIZATION OF PURE BiFeO <sub>3</sub> AND Mn DOPED BiFeO <sub>3</sub> NANOPARTICLES BY SOL-GEL METHOD	22	2414	15
112256026	Ms Kalaiarasi Proposal	Website	2061429875	4/11/2023 15:03	Project	24	1928	18
114775138	Divya - Dr Jose	Website	1725264237	12/9/2021 11:46	Investigation of dielectric properties of Zn <sub>2</sub> SnO <sub>4</sub> @ amorphous SiO <sub>2</sub> core shell structured nanocomposites	23	6600	24
119934429	Sybil Emarance Loyola	Website	2056335746	4/5/2023 10:22	Project	12	5447	30
114775138	Divya - Dr Jose	Website	1840496890	5/20/2022 14:27	investigation of temperature and frequency dependent dielectric	24	4499	16
114775138	Divya - Dr Jose	Website	1840497185	5/20/2022 14:28	Design of NiO@ SiO <sub>2</sub> core shell nanocomposites and unveiling	22	4381	17

					their dielectric behavior			
117112400	Prof Jayakumar	Website	1855127076	6/12/2022 11:16	Growth and Characterization of Bis(4-methoxybenzylammonium) Tetrachloridozincate crystal.	21	2069	20
117112400	Prof Jayakumar	Website	1855354111	6/12/2022 22:35	project	24	2978	23
114775138	Divya - Dr Jose	Website	1931346568	#####	An extensive study on frequency and temperature dependent AC conductivity and	23	3414	12
117112400	Prof Jayakumar	Website	1855255190	6/12/2022 18:31	Synthesis	19	3297	20
119934429	Sybil Emarance Loyola	Website	2062397709	4/12/2023 14:39	Project	7	1833	14
117112400	Prof Jayakumar	Website	1854689941	6/11/2022 10:28	TIN OXIDE	30	2760	13
119934429	Sybil Emarance Loyola	Website	2056511465	4/5/2023 16:44	An investigation on the structural and magnetic behavior of electrodeposited Ni-Mn thin films	22	3459	19
117112400	Prof Jayakumar	Website	1985803184	#####	Thesis	49	36386	215
117112400	Prof Jayakumar	Website	1854763965	6/11/2022 14:23	Growth and Characterization of Bis(4-methoxybenzylammonium) Tetrachloridozincate crystal	27	2464	20
117112400	Prof Jayakumar	Website	1854778481	6/11/2022 15:27	THE SPECTROSCOPIC ANALYSIS USING THE CHARACTERISTIC OF ARCHAEOLOGICAL ARTIFACTS EXCAVATED FROM ANEERI VILLAGE	19	6578	24
117112400	Prof Jayakumar	Website	1854735157	6/11/2022 12:31	Synthesis and growth of L tyrosine Guanidine Carbonate single crystal	18	1520	14
117112400	Prof Jayakumar	Website	2057705383	4/6/2023 22:31	Thesis	20	4701	22
117112400	Prof Jayakumar	Website	1854114878	6/10/2022 11:49	Project	90	1391	7
117112400	Prof Jayakumar	Website	1855785561	6/13/2022 10:04	SYNTHESIS AND CHARACTERIZATION	6	1379	9

117112400	Prof Jayakumar	Website	2050935089	3/30/2023 17:18	Computational Identification of Lead Compounds Against Mutant KRAS	51	5128	28
119934429	Sybil Emarance Loyola	Website	2056411641	4/5/2023 12:31	Impact of Dynamic shock waves on Barium Sulfide.	21	3181	14
119934429	Sybil Emarance Loyola	Website	2054511752	4/3/2023 16:26	Design and development of "Crystal Puller using liquid flow control" for Czochralski technique of single crystal growth and investigation of chalcone derivatives	14	3309	22
112256026	Ms Kalaiarasi Proposal	Website	2056425449	4/5/2023 13:01	Fabrication of CaO@SiO <sub>2</sub> core shell nanocomposites and investigation of its Dielectric properties	23	5138	28
117112400	Prof Jayakumar	Website	1854079362	6/10/2022 10:39	Project	12	5021	22
112256026	Ms Kalaiarasi Proposal	Website	2060323984	4/10/2023 11:33	Project	10	1076	3
112256026	Ms Kalaiarasi Proposal	Website	2056497471	4/5/2023 16:07	SYNTHESIS AND CHARACTERIZATION OF PURE AND SHOCK INDUCED Mn <sub>3</sub> O <sub>4</sub> BY HYDROTHERMAL METHOD	24	1331	9
119934429	Sybil Emarance Loyola	Website	2054366116	4/3/2023 11:52	STRUCTURAL AND OPTICAL CHARACTERIZATION OF PURE AND (Fe	38	2067	16
114775138	Divya - Dr Jose	Website	1987027685	#####	Article	29	4318	16
117112400	Prof Jayakumar	Website	1854688189	6/11/2022 10:24	Nano Particle	36	2273	16
112256026	Ms Kalaiarasi Proposal	Website	2060226995	4/10/2023 9:50	Growth and investigation of MBT chalcone derivatives crystal	16	2563	20
118898937	Physics PhD	Website	2051927664	3/31/2023 15:52	An investigation on the structural	33	2042	7

112256026	Ms Kalaiarasi Proposal	Website	2056493667	4/5/2023 15:56	GROWTH AND CHARACTERIZATION OF 2- NITROBENZYL METHYL ACRYLATE SINGLE CRYSTALS AND THEIR PRELIMINARY ASSESSMENT ON THE EFFECT OF GLOW- DISCHARGE PLASMA	26	3780	21
119934429	Sybil Emarance Loyola	Website	2051947812	3/31/2023 16:35	SYNTHESIS AND CHARACTERIZATION OF ZINC AND IRON OXIDE NANOPARTICLES BY USING CUMINUM CYMINUM SEED EXTRACT	22	4717	26
117112400	Prof Jayakumar	Website	1854778885	6/11/2022 15:29	Synthesis and characterization of TiO <sub>2</sub> Nanoparticles	43	1633	14
114775138	Divya - Dr Jose	Website	1868275791	7/9/2022 14:47	Effect of Pb doping on the dielectric and electrical properties of calcium	24	5181	24

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