

## NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

### Primary - Environmental Science (PES)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-25	LUWAIZA ADEEN	AL – HILAL NURSERY & PRIMARY SCHOOL	SOLAR WATER HEATER	Selected
2	NSF-OGJ-2024-80	MOHAMMED MUAWWIZ	UNITY PUBLIC SCHOOL, KOTTUR	THE EFFECTIVENESS OF NATURAL INSECT REPELLENTS COMPARED TO COMMERCIAL PRODUCTS	Selected
3	NSF-OGJ-2024-260	HABEES M	JEEVANS SCHOOL	DEVELOPMENT OF NATURAL PRESERVATIVE FROM ONION PEEL, GARLIC PEEL, LEMON PEEL AND GREEN TEA WASTE	Selected
4	NSF-OGJ-2024-302	ESHAL	MOUNT HIRA ACADEMY	GARDENING WITHOUT SOIL.	Selected
5	NSF-OGJ-2024-304	HUMAIRA	MOUNT HIRA ACADEMY	TIME SPAN OF BIODEGRADABLE WASTE	Selected
6	NSF-OGJ-2024-307	MOHAMED NASIF	MOUNT HIRA ACADEMY	CAN BIODEGRADABLE HYDROGELS HELP CONSERVE WATER IN FARMING	Selected
7	NSF-OGJ-2024-402	A.MOHAMMED AHSAN	HAKEEM NURSERY AND PRIMARY SCHOOL	WATER PURIFICATION POTENTIAL OF SELECTED MEDICINAL PLANTS	Waiting List
8	NSF-OGJ-2024-676	MOHAMMED SAAD	MOUNT SAFA	COMPARING THE QUALITY OF DIFFERENT BRANDS OF CURDS BY MEASURING THE CURD FIRMNESS OBTAINED BY DIFFERENT VOLUME OF RENNET SOLUTION AND COMPARISON OF DIFFERENCES OF CURD FIRMNESS BETWEEN THESE VOLUMES	Waiting List
9	NSF-OGJ-2024-680	A. HARSHAVARTHAN	FATHIMA CSS SCHOOL	HYDROPONICS: GARDENING WITHOUT SOIL	Selected
10	RSF WINNER	Maryam Abdul qadir bawazir	zilla parishad primary urdu school(ajanta)	effect of sunlight on different colors of cloth	Selected
11	RSF WINNER	ZAFIRA TAYYIBA	MADINA PUBLIC SCHOOL	Testing of different Soils - Impact on plant growth	Selected
12	RSF WINNER	Arohi Nayak	Sister Nivedita School	Water Level Indicator	Selected

### Primary - Life Science (PLS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-28	P R MOHAMMAD SAAD	AL – HILAL NURSERY & PRIMARY SCHOOL	ACID BASES RED CABBAGAG JUICE PH INDICATOR	Selected
2	NSF-OGJ-2024-55	MOHAMMED SAFL S	AIM NURSERY AND PRIMARY SCHOOL	THE IRON HARVEST	Selected
3	NSF-OGJ-2024-59	MOHAMED ANAS M A	USWATHUN HASANA ISLAMIC INTERNATIONAL SCHOOL	BREAD VS MOULDS	Selected
4	NSF-OGJ-2024-71	AKSHALYA. V	FATHIMA CSS SCHOOL	PREMIER ENTRENCH LIQUID	Selected
5	NSF-OGJ-2024-109	N MOHAMED ABDUL RAHMAN	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	GROWTH ANALYSIS OF EXPERIMENTAL PLANTS WITH DIFFERENT LIQUID NUTRIENT SOLUTIONS	Selected
6	NSF-OGJ-2024-118	M IFRA	IMAM SHAFI RAH MAT.HR.SEC.SCHOOL	GROWTH RATE OF FAST GROWING PLANTS	Selected
7	NSF-OGJ-2024-156	MOHAMED FAZIL M N		ANALYZING THE EFFECTS OF DIFFERENT WATER SOURCES ON PLANT HEALTH	Selected
8	NSF-OGJ-2024-158	AHSAN A	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	ANALYSING THE IMPACT OF SALINITY ON PLANT GROWTH	Selected
9	NSF-OGJ-2024-205	S. S. HARSHITHA	FATHIMA CSS SCHOOL	PEARLY WHITES	Selected

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10	NSF-OGJ-2024-206	HARISH. R	FATHIMA CSS SCHOOL	FRUITFUL SYNERGY (ANANAS COMOSUS AND PSIDIUM GUAJAVA)	Selected
11	NSF-OGJ-2024-207	HADIRA TAZMEEN. S	FATHIMA CSS SCHOOL	CITRULLUS LANATUS VS CUCUMIS MELO RIPENED GRAPES	Selected
12	NSF-OGJ-2024-220	SHAINABA EMRAN	FATHIMA CSS SCHOOL	COCOS NUCIFERA VS PLANT GROWTH	Selected
13	NSF-OGJ-2024-237	HARSHINI. R	FATHIMA CSS SCHOOL	NATURAL TRANQUILLIZER	Selected
14	NSF-OGJ-2024-275	S.NABEEHA	MOUNT HIRA ACADEMY	HOW DOES SMELL AFFECT TASTE?	Selected
15	NSF-OGJ-2024-299	S.HASSANAH	OLIVE INTERNATIONAL SCHOOL	ASSESSING THE PSYCHOLOGICAL AND PHYSIOLOGICAL BENEFITS OF QURAN READING IN ADULT POPULATIONS	Selected
16	NSF-OGJ-2024-346	KHAULAH IFFATH N	SANA MODEL SCHOOL	COMPARATIVE STUDY OF INNOVATIVE GREEN ROOF DESINS AND REFLECTIVE COATINGS FOR URBAN HEAT ISLAND MITIGATION	Selected
17	NSF-OGJ-2024-380	RIYA.S	RIGHTWAY PUBLIC SCHOOL, MADURAI	SHORELINE SOLUTION:UNVEILING THE POTENTIAL OCEAN DERIVED BIOPLASTICS	Selected
18	NSF-OGJ-2024-394	MOHAMMAD FAZIL R	K. H MAT GIRLS HR SEC SCHOOL	EFFECT OF HOUSEHOLD COMPOUNDS ON GROWTH OF PLANTS	Selected
19	NSF-OGJ-2024-446	MANHA HABEEB	MS CREATIVE SCHOOL, RAJENDRANAGAR	CAN MANGO SEED GROW WITHOUT SEED COAT	Selected
20	NSF-OGJ-2024-463	SUMAYYAH HAFSAH R	S.A.K. NURSERY & PRIMARY SCHOOL	STAIN CLINIC	Selected
21	NSF-OGJ-2024-643	AFREEN	SANA MODEL SCHOOL	DOES A SEED OR SEEDLING HAVE BETTER CHANCES OF SURVIVAL AND GROWTH	Selected
22	NSF-OGJ-2024-654	ABDUL FARHAN HALDER . A	LIMRA NURSERY AND PRIMARY SCHOOL	COMPARE NORMAL SEEDS / IMBIBED SEEDS GROW FASTER	Selected
23	NSF-OGJ-2024-665	R. ELKIN FERNANDO	FATHIMA CSS SCHOOL	SPICE ANTIMCROBAL COMARISION	Selected
24	NSF-OGJ-2024-684	MOHAMMED SAFWAN	MOUNT SAFA	IT IS POSSIBLE TO DETECT THE TYPE OF FUNGUS IN APPLES AVAILABLE IN LOCAL MARKET AND QUANTIFY AFTER CULTURING	Waiting List
25	RSF WINNER	MARYAM IZMA	MS Creative School, Rajendranagar	Detecting Adulteration in fruits & vegetables.	Selected
26	RSF WINNER	SUMAIYA FATIMA	MADINA PUBLIC SCHOOL	Use of Diapers as effective method of watering plants in absence of regular irrigation system	Selected
27	RSF WINNER	Shaik sahil ahmed	Ms creative school	Which whitening toothpaste works the best	Selected

## NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

### Primary - Physical Science (PPS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-21	AHMED ADEEL S	AL – HILAL NURSERY & PRIMARY SCHOOL	WHICH METAL PRODUCE HIGHEST VOLTAGE	Selected
2	NSF-OGJ-2024-57	SUMAIYA BANU. J	AIM NURSERY AND PRIMARY SCHOOL	TALE OF OILS	Selected
3	NSF-OGJ-2024-210	ASEELA BEGUM .A	I MAX NURSERY & PRIMARY SCHOOL ROYAPETTAH	FINDING AN ALTERNATE TO SAND FROM WASTE MATERIALS FOR THE CEMENT CONCRETE	Selected
4	NSF-OGJ-2024-303	FAREEHA	MOUNT HIRA ACADEMY	HORNING ALARM WHILE BIRDS ANIMALS ENTER THE GARDEN	Selected
5	NSF-OGJ-2024-305	MOHAMED NIHAL	MOUNT HIRA ACADEMY	HYDROMETER PROTECTION COATING	Selected
6	NSF-OGJ-2024-417	NASWEEHA .S	SANA MODEL SCHOOL	“FROM DUSK TO DAWN : HOW SMART STREET LIGHTS CUTS COSTS AND CONSERVE ENERGY”	Selected
7	NSF-OGJ-2024-418	K. DARSHAN	FATHIMA CSS SCHOOL	HOW DOES COLOUR AFFECT HEATING BY ABSORPTION OF LIGHT	Waiting List
8	NSF-OGJ-2024-423	MAHATHI. L	FATHIMA CSS SCHOOL	CAMMILLE VS KAPENG TAGALOG	Selected
9	NSF-OGJ-2024-439	KHADIJA TUL KUBRA	MS CREATIVE SCHOOL, RAJENDRANAGAR	THERMAL SHIELD: A BEST INSULATOR.	Selected
10	NSF-OGJ-2024-444	HADIYA IRAM	MS CREATIVE SCHOOL, RAJENDRANAGAR	DOES COLOR DYE EFFECT BURNING RATE OF CANDLES.	Selected
11	NSF-OGJ-2024-448	HOORIYA FATHIMA	MS CREATIVE SCHOOL, RAJENDRANAGAR	TYPES OF WAX IN MAKING CANDLES	Selected
12	NSF-OGJ-2024-460	KEERTHANA V	S.A.K. NURSERY & PRIMARY SCHOOL	LIQUID CANDY	Selected
13	NSF-OGJ-2024-491	SYED FIRASAT ALI SHAH	MS CREATIVE SCHOOL, RAJENDRANAGAR	- SALT- A CRYSTALLINE MINERAL	Selected
14	NSF-OGJ-2024-507	MOHAMMED ASAD AHMED	MS CREATIVE SCHOOL, RAJENDRANAGAR	FAIRNESS CREAM OR FAIRNESS PAINT.	Selected
15	NSF-OGJ-2024-555	SYEDA SIDRA FATIMA	MS CREATIVE SCHOOL	EFFECT OF MICROPLASTICS ON AQUATIC LIFE	Selected
16	NSF-OGJ-2024-651	K. AFRAH FATHIMA	IMAX NURSERY AND PRIMARY SCHOOL	SMART VENTILATOR	Selected
17	NSF-OGJ-2024-668	AMRULLAH WASIR	IMAX NURSERY AND PRIMARY SCHOOL	KEY TRACKING DEVICE	Selected
18	NSF-OGJ-2024-683	MOHAMED UMAR. F	SANA NURSERY AND PRIMARY SCHOOL	HOW MANY POTATOES ARE NEEDED TO LIGHT A LED LIGHT?	Selected
19	NSF-OGJ-2024-686	M.MOHAMMED ZAYAAN	SANA NURSERY AND PRIMARY SCHOOL	ANALYZING THE EFFICIENCY OF SOLAR PANELS BY INCREASING EXPOSURE AREA AND COMPARING PANEL DESIGNS	Selected
20	NSF-OGJ-2024-688	JUWERIYA FATHIMA	SANA NURSERY AND PRIMARY SCHOOL	CREATING BIODEGRADABLE PLASTIC FROM STARCH	Selected
21	NSF-OGJ-2024-699	MOHAMMED HAJITH	SANA NURSERY AND PRIMARY SCHOOL	IDENTIFYING COST-EFFECTIVE SOLAR PANELS BY ADJUSTING THICKNESS	Selected
22	NSF-OGJ-2024-701	KHADIJA ZAKIYA	SANA NURSERY AND PRIMARY SCHOOL	WATER PUMP DESIGN EXPERIMENT	Selected
23	RSF WINNER	Ahmed Mustafa	Ms creative school	Water Level Indicator	Selected
24	RSF WINNER	HABEEBA BEGUM	MS Creative School, Rajendranagar	Which Mirror Increases Brightness: Concave, Convex, Rough, or Plane Surfaces	Selected
25	RSF WINNER	Syeda Sidra fatima	MS CREATIVE SCHOOL	Effect of microplastics on aquatic Life	Selected



## NSF OGJ - 2024 Synopsis Selection List

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### Middle - Environmental Science (MES)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-31	MOHAMMED SAIF	SANA MODEL SCHOOL	WATER PURIFIER: BEST LEAF TO PURIFY WATER	Selected
2	NSF-OGJ-2024- 91	SAMIYA SIDDIQUI	ROOTS & WINGS ACADEMY	MORINGA LEAVES CAN BE USED AS A NATURAL INSECT REPELLENT THAT CAN PROTECT HUMANS	Selected
3	NSF-OGJ-2024-134	SYED YOUSUF AHMED	I MAX SCHOOL	IMPACT OF NATURAL COATINGS ON HEAT REGULATION	Selected
4	NSF-OGJ-2024-164	MOHAMED HAASIQ. A	SANA MODEL SCHOOL	CARBO-S POLYMER. COMBATING WATER POLLUTION AND FACILITATING BETTER WATER RETENTION IN SOIL.	Selected
5	NSF-OGJ-2024-264	AYISHA SIDDIQHA S	JEEVANS SCHOOL	ECO-FRIENDLY BIOPLASTICS FROM EGGSHELLS AND GROUNDNUT SHELLS	Selected
6	NSF-OGJ-2024-282	NANDHITHA V. P	ELITE PUBLIC SCHOOL (CBSE)	AN INNOVATIVE METHOD TO REMOVE OIL FROM SALT WATER USING THE FUSION OF PUMICE STONE AND HUSK.	Selected
7	NSF-OGJ-2024-327	AMMAR ALI A	SANA MODEL SCHOOL	CONCRETE INNOVATION: ENHANCING STRENGTH, DURABILITY, AND SELF-HEALING WITH BACILLUS SUBTILIS	Selected
8	NSF-OGJ-2024-358	FAEEZAH. M. F	SANA MODEL SCHOOL	DOES ELECTRICITY AMPLIFIES PLANT GROWTH AND DEVELOPMENT ELECTRO CULTURE	Selected
9	NSF-OGJ-2024-406	SAMEEHA FATHIMA M	UNITY MATRICULATION SCHOOL	CREATING AND TESTING BIODEGRADABLE PLASTIC ALTERNATIVES	Waiting List
10	NSF-OGJ-2024-672	JASWANTH SAI K	FATHIMA CENTRAL SENIOR SECONDARY SCHOOL	ECO BOT	Selected
11	RSF WINNER	AmreenUnnisa	MS Creative School, Rajendranagar, Telangana.	Investigating the impact of environment on insect biodiversity	Selected
12	RSF WINNER	Mohammed Kamran Ali Khan	Springfields international school	Filling a tubeless Tyre with sponge	Selected
13	RSF WINNER	mohd abdul khadar	urooj indian high school	exploring the effects of the diffrent pot sizes on root developom	Selected

### Middle - Life Science (MLS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-44	UZAIR. V	UNITY PUBLIC SCHOOL	AIR LIFT: PORTABLE INFLATABLE STRETCHER FOR EMERGENCY TRANSPORT	Selected
2	NSF-OGJ-2024-86	MAHWISH SULTANA	MS CREATIVE HIGH SCHOOL	INVESTIGATING THE EFFECT OF DIFFERENT ANTACIDS ON STOMACH ACID	Selected
3	NSF-OGJ-2024-124	SIYANA .M	UNITY MATRICULATION SCHOOL	FOOD ADDITIVES VS MICROBIOME	Selected
4	NSF-OGJ-2024-144	S. SYED ZUBAIR	I MAX SCHOOL	STRUCTURED WATER BASED SUPPLEMENT WILL CURE ANEMIA MORE EFFECTIVELY	Selected
5	NSF-OGJ-2024-172	MAFAIZ H	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	GROWTH ANALYSIS OF EXPERIMENTAL PLANTS TO DIFFERENT LIGHT CONDITIONS	Selected
6	NSF-OGJ-2024-228	SAMEEHA NAZNEEN	MS CREATIVE SCHOOL	ENERGY DRINK BANE OR BONE ON A PLAYER	Selected
7	NSF-OGJ-2024-231	MANHA MUSRIFA	K.H MAT GIRLS HR SEC SCHOOL	EFFECT OF SALINITY ON PLANTS	Selected
8	NSF-OGJ-2024-236	JAYIZA NAUREEN M	K.H MAT GIRLS HR SEC SCHOOL	EFFECT OF SALINITY ON PLANTS	Selected

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9	NSF-OGJ-2024-240	DHARSHAN. V	FATHIMA CSS SCHOOL	FERRUM IN LEGUMES	Selected
10	NSF-OGJ-2024-241	LUCKSHIKA. V	FATHIMA CSS SCHOOL	FRIZZY HAIR MASK	Selected
11	NSF-OGJ-2024-248	AYESHA SIDDIQUA	MS.CREATIVE SCHOOL	EFFECT OF MOISTURE, TEMPERATURE, LIGHT ON THE GROWTH OF MOULD ON THE BREAD	Waiting List
12	NSF-OGJ-2024-254	SARFARAZ AHMED V M	MMES PUBLIC SCHOOL CBSE	INVESTIGATING THE EFFECTS OF ELECTROMAGNETIC RADIATION FROM MOBILE PHONES ON PLANT GROWTH	Waiting List
13	NSF-OGJ-2024-269	AASIYA SAMRAH M	JEEVANS SCHOOL	“DEVELOPING AN INNOVATIVE AND SUSTAINABLE WATER FILTRATION SYSTEM USING RICE HUSK, ACTIVATED CHARCOAL FROM RICE HUSK, LEMON PEEL, AND COTTON”	Selected
14	NSF-OGJ-2024-276	MOHAMMED ARIF. J	RIGHTWAY PUBLIC SCHOOL, MADURAI	A GREENGUARD APPROACH TO PHYTOPRESERVATION	Selected
15	NSF-OGJ-2024-283	NAZEEHA. A	ELITE PUBLIC SCHOOL (CBSE)	INNOVATIVE USE OF CARBONACEOUS MATERIALS FOR SURFACTANT REMOVAL AND ENHANCING WATER QUALITY FOR SAFE HUMAN USAGE.	Selected
16	NSF-OGJ-2024-381	KHANSA QURESHI	ARQAM PUBLIC SCHOOL	ISOLATION AND IDENTIFICATION OF FUNGI FROM INFECTED DRY FRUITS.	Selected
17	NSF-OGJ-2024-395	MOHAMED RILWAN	MOUNT HIRA ACADEMY	CABBAGE CHEMISTRY	Selected
18	NSF-OGJ-2024-410	SEJAL M S	BADHARUL ISLAM MATRIC HR SEC SCHOOL,KALIAKKAVILAI	RESEARCH PROPOSAL ON ROLE OF SELECTIVE MEDICINAL PLANTS WITH ANTI MICROBIAL EFFICIENCY FOR DIVERSE BIOMEDICAL APPLICATION	Waiting List
19	NSF-OGJ-2024-449	MOHAMMAD YASSER	FATHIMA CSS SCHOOL	VI	Selected
20	NSF-OGJ-2024-450	MOHAMMAD YASSER	FATHIMA CSS SCHOOL	VI	Selected
21	NSF-OGJ-2024-484	ANIKA INAAYA J	UNITY MATRICULATION SCHOOL	ORGANIC PRODUCTS VERSUS OTHER PRODUCTS	Waiting List
22	NSF-OGJ-2024-493	SAMEENA	SANA MODEL SCHOOL	EVALUATION OF BACTERIAL CONTAMINATION FROM RAW MEAT	Selected
23	NSF-OGJ-2024-503	SHANU S S	BADHARUL ISLAM MATRIC HR SEC SCHOOL,KALIAKKAVILAI	EFFECTS OF DRYING METHODS ON NUTRIENTS CONTENTS OF MORINGA OLERIFERA LEAVES	Waiting List
24	NSF-OGJ-2024-510	FAIZA FATIMA	MS CREATIVE SCHOOL, RAJENDRANAGAR	INVESTIGATING THE EFFECTS OF SOUND ON CAT BEHAVIOR	Selected
25	NSF-OGJ-2024-558	NURAIN	NEO ROSARY HIGH SCHOOL	THE FRIDGE LASER	Selected
26	NSF-OGJ-2024-612	NABA KHAN	MS CREATIVE SCHOOL, RAJENDRANAGAR	UNMASKING THE HIDDEN DANGERS: FOOD ADULTERATION IN RED CHILLI, EDIBLE OIL, AND SUGAR	Selected
27	NSF-OGJ-2024-613	RASHMIYA FATHIMA.T	SANA SMART SCHOOL	AMOEBIA GROWTH ON DIFFERENT FOOD	Selected
28	NSF-OGJ-2024-616	MUHAMMED HIBBAN	SANA MODEL SCHOOL	CAN BIODEGRADABLE HYDROGELS HELP CONSERVE WATER IN FARMING?	Selected
29	RSF WINNER	Syeda nimrah unnisa begum	urooj model high school	total enamel can be eroded by acidic and sugary beverages	Selected
30	RSF WINNER	Sawdah Irum Azhar	MS Furure School mallepally Girls	Hydro Smart Sensor	Selected
31	RSF WINNER	NABA KHAN	MS Creative School, Rajendranagar, Telangana	Unmasking the Hidden Dangers: Food Adulteration in Red Chilli, Edible Oil, and Sugar	Selected

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### Middle - Physical Science (MPS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-35	JOHAIRA NASRIYA A	USWATHUN HASANA ISLAMIC INTERNATIONAL SCHOOL	AUTOMATIC INDICATION SYSTEM OF GLUCOSE LEVEL IN GLUCOSE BOTTLE	Selected
2	NSF-OGJ-2024-90	RUMANA FATHIMA R	SANA SMART SCHOOL	SOLAR THERMAL COLLECTOR WITH MICROBIAL FUEL CELLS TO PREHEAT WATER AND ENHANCE ELECTRICITY GENERATION	Selected
3	NSF-OGJ-2024-103	MOHAMED ISHFAQ.I	SANA SMART SCHOOL	"IF DIFFERENT TYPES OF INSULATION MATERIALS AFFECT HEAT RETENTION,WHICH ONE IS THE MOST EFFECTIVE?"	Selected
4	NSF-OGJ-2024-127	RAHMA TARANNUM	M.S CREATIVE SCHOOL	SMART IRRIGATION WATER SYSTEM	Selected
5	NSF-OGJ-2024-279	SYED MOHAMED. S	ELITE PUBLIC SCHOOL (CBSE)	QUANTIFYING ADSORPTION OF TETRA METHYL THIONINE CHLORIDE IN INDUSTRIAL EFFLUENTS USING ECO-FRIENDLY BIO-ADSORBENTS"	Selected
6	NSF-OGJ-2024-310	MOHAMMED FARDEEN	MOUNT HIRA ACADEMY	INSTINCTIVE DANGER DETECTION FOR VOLTAIC AND CRYPTOGRAPHIC DEVICES	Selected
7	NSF-OGJ-2024-313	SAMEEHA SHAHEEN ZAKI	MS CREATIVE SCHOOL	SOLAR CHEMO HEATER	Selected
8	NSF-OGJ-2024-321	MOHAMED HUDAIFA	MOUNT HIRA ACADEMY	ILLUMINATION EFFECT ON RAIN TREE	Waiting List
9	NSF-OGJ-2024-369	AFISHA.	RIGHTWAY PUBLIC SCHOOL, MADURAI	REDUCING SUGAR CONTENT IN FOOD USING BENEDICT'S REAGENT BEE	Waiting List
10	NSF-OGJ-2024-391	HAJIRA FATHIMA. H	RIGHTWAY PUBLIC SCHOOL, MADURAI	AN EFFECT ON QUALITY OF SAND ON SETTING CEMENT MORTAR	Waiting List
11	NSF-OGJ-2024-411	J. MUHAMMED KASIM	FATHIMA CSS SCHOOL	TEMPERATURE SENSED AUTOMATIC FAN CONTROL FOR ELECTRIC VEHICLE	Selected
12	NSF-OGJ-2024-414	S. ASIYA MARYAM FATIMA	FATHIMA CSS SCHOOL	IMPLEMENTING BARCODES IN AADHAR CARD FOR INDIAN NATIONAL BANKING SECURITY SYSTEM	Selected
13	NSF-OGJ-2024-419	MOHAMMED GHOUSE UDDIN	MS CREATIVE SCHOOL	MEASURING DISSOLVED OXYGEN IN WATER FOR ASSESSING WATER QUALITY	Selected
14	NSF-OGJ-2024-522	Z.MOHAMED SAAD	IMAM SHAFI RAH MATRIC HR SEC SCHOOLI	STUDYING THE EFFECT OF AIR RESISTANCE OF FALLING OBJECTS	Selected
15	NSF-OGJ-2024-560	AARIFA BEGUM	MS CREATIVE SCHOOL	TRANSMISSION OF DATA BY LIGHT	Waiting List
16	NSF-OGJ-2024-576	SAFIYYAH FATHIMA.Z	SANA SMART SCHOOL	HOW DOES THE COST OF POLY LUNCH BOXES AFFECT THEIR COMPLIANCE WITH SAFETY STANDARDS FOR FOOD STORAGE?	Waiting List
17	NSF-OGJ-2024-606	HAFSAH MERSIHA.M	JANNAH PUBLIC SCHOOL	MINI FLOUR MILL	Waiting List
18	NSF-OGJ-2024-694	ARSHAD KHAN T	SUFA MATRICULATION HIGHER SECONDARY SCHOOL	FIRE FIGHTING ROBOT	Waiting List
19	RSF WINNER	Syed Mustafa Ali	New model high school	Smart Multisensory Walker for elderly and frail people	Selected
20	RSF WINNER	Owais Mohammad Khan	new model high school	Smart Shoe for Blind People	Selected
21	RSF WINNER	Aiman fatima	MS Future school (MPG)	SOLAR GRIP	Selected



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### Middle - Engineering Science (MEG)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-399	KHALID UMAR	MOUNT HIRA ACADEMY	LIGHT TRACKING ROBOT	Selected
2	NSF-OGJ-2024-425	SALMA.M	UNITY PUBLIC SCHOOL KOTTURPURAM	BIO HOME SOLAR PANEL	Selected
3	NSF-OGJ-2024-454	KIFAAT HAANI F	JEEVAN'S SCHOOL	“SMARTBOT: AUTONOMOUS ROBOT FOR LANDSLIDE PREVENTION AND FOREST MONITORING”	Selected
4	NSF-OGJ-2024-517	SANA FATHIMA R	JM MATRICULATION GIRLS HIGHER SECONDARY SCHOOL	BOAT CAPSULE	Selected
5	NSF-OGJ-2024-652	SARAH SUHAIL	IMAX NURSERY AND PRIMARY SCHOOL	RENEWABLE ENERGY GAS STOVE	Selected

### Junior - Environmental Science (JES)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-34	ASMAN.A	PRISTINE PUBLIC SCHOOL	E-RADICATE NEXUS	Selected
2	NSF-OGJ-2024-288	IRSHAAD FATHIMA	UNITY PUBLIC SCHOOL	EVALUATING THE EFFECTIVENESS AND ACCEPTABILITY OF ECO FRIENDLY AND BODY FRIENDLY SANITARY PADS	Selected
3	NSF-OGJ-2024-365	SHAMSUDEEN MUFEEZ H	SANA MODEL SCHOOL	CHITIN IN LOBSTER/CRAB SHELLS AS A BIODEGRADABLE PLASTIC:	Selected
4	NSF-OGJ-2024-393	M. PRAVEEN	FATHIMA CSS SCHOOL	INVESTIGATING THE DECOMPOSITION RATE OF COMMON TRASH MATERIALS	Selected
5	NSF-OGJ-2024-400	S. MUSHTAQ AHMED	FATHIMA CSS SCHOOL	IS YOUR ENVIRONMENT AN URBAN HEAT ISLAND?	Selected
6	NSF-OGJ-2024-462	HANA FATIMA PATEL	MS CREATIVE SCHOOL, RAJENDRANAGAR	ECO FRIENDLY DYE EXTRACTION AND APPLICATION	Selected
7	NSF-OGJ-2024-476	SOFIA	MS CREATIVE SCHOOL, RAJENDRANAGAR	ECO-FRIENDLY DETERGENT	Selected
8	NSF-OGJ-2024-559	ZAINAB FATHIMA	WISDOMPARK INTERNATIONAL SCHOOL	PEANUT PAPER	Selected
9	NSF-OGJ-2024-590	JAASHIYA F	SAFA MATRICULATION SCHOOL	OXYGEN RETENTION IN PLUCKED LEAVES	Selected
10	NSF-OGJ-2024-596	AYISHA SIDDIQA	SANA MODEL SCHOOL	"BIODEGRADABLE PLASTICS: TESTING EFFECTIVENESS AND COST-EFFICIENCY COMPARED TO TRADITIONAL PLASTICS "	Selected
11	NSF-OGJ-2024-627	IRFAN FAREED. A	RIGHTWAY PUBLIC SCHOOL, MADURAI	AN INTEGRATED APPROACH TO MOSQUITO CONTROL INVESTIGATION OF THE SYNERGISTIC EFFECTS OF BACTERIA AND ALGAE	Selected
12	NSF-OGJ-2024-644	BASITH FATHIMA S	FATHIMA CENTRAL SENIOR SECONDARY SCHOOL	SUSTAINABLE LEATHER	Selected
13	RSF WINNER	MARYAM FATIMA	MADINA HIGH SCHOOL	Terracota Clay Air conditioner-The Environment Saviour	Selected
14	RSF WINNER	Digantika Hui	Sister Nivedita School	Traffic emissions in Hyderabad	Selected
15	RSF WINNER	Akshita, Lekhya, Harshini	Delhi school of Excellence, Manikonda	Carbon Purification	Selected

## NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

### Junior - Life Science (JLS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-68	AMRAH SULTANA	MS CREATIVE HIGH SCHOOL	MAKING OF BIODEGRADABLE PLASTIC FROM CORNSTARCH	Selected
2	NSF-OGJ-2024-87	SYED ABDUR RAHMAN	ROOTS & WINGS ACADEMY	THE EFFECT OF GODAVARI SALMON FISH COMPOST ON PLANTS COMPARED TO VERMICOMPOST'S EFFECT ON PLANT GROWTH WHICH IS AVAILABLE IN MARKET.	Selected
3	NSF-OGJ-2024-94	AZKA KHAN	ROOTS & WINGS ACADEMY	THE EFFECT OF ALOE VERA AND TRIDAX PROCUMBENS MIXTURE IS BENEFICIAL IN REMOVING SKIN TANNING	Selected
4	NSF-OGJ-2024-112	M HAFSHA	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	COMPARISON OF ROOT GROWTH IN HYDROPONIC VS SOIL BASED SYSTEMS	Selected
5	NSF-OGJ-2024-123	AMINA SIDDIQA .M	UNITY MATRICULATION SCHOOL	DOES PLAYING MOBILE GAMES INCREASE, BODY TEMPERATURE, BLOOD PRESSURE AND PULSE RATE?	Selected
6	NSF-OGJ-2024-233	AYESHA MUNEEBA	MS CREATIVE SCHOOL	BIO THERAPY - A BOON FOR VARICOSE VEINS	Selected
7	NSF-OGJ-2024-252	AAFIYA MEHEK A	K.H MAT GIRLS HR SEC SCHOOL	EFFECT OF ACID AND CALCIUM SALT ON BONE DENSITY	Selected
8	NSF-OGJ-2024-271	ADEENA FAKIRAMMA S	UNITY MATRICULATION SCHOOL	THE EFFECT OF CAFFEINE ON HEART RATE	Selected
9	NSF-OGJ-2024-293	INSHARA TABASSUM	ARQAM PUBLIC SCHOOL	HOW THE SEEDBALLS WORKS	Selected
10	NSF-OGJ-2024-320	RAHEELA MOHAMMAD	MS CREATIVE SCHOOL	PAPAYA SEED FOR HEALTHY HEART	Selected
11	NSF-OGJ-2024-353	S.NAFEESA MARYAM	UNITY PUBLIC SCHOOL	DETERMINING THE ECOLOGICAL IMPACT OF ELODEA CANADENSIS OVERGROWTH	Selected
12	NSF-OGJ-2024-383	BHAVESH NARAYAN	WISDOMPARK INTERNATIONAL SCHOOL	DITCH THE CHEMICALS, EMBRACE THE ENZYMES	Selected
13	NSF-OGJ-2024-452	SHAMSUDEEN	JEEVANS SCHOOL	"ENHANCING PLANT GROWTH WITH M-SAND AND ORGANIC MANURE: A SUSTAINABLE APPROACH"	Selected
14	NSF-OGJ-2024-511	ALEENA IMRAN	UNITY PUBLIC SCHOOL	WHO ARE MORE PRONE TO ALLERGIES IN TAMIL NADU	Selected
15	NSF-OGJ-2024-528	SANA FATHIMA	JEEVAN'S SCHOOL	"TURNING KITCHEN WASTE INTO CLEAN ENERGY: A SMALL SCALE BIOGAS GENERATOR FOR URBAN HOUSEHOLDS"	Selected
16	NSF-OGJ-2024-700	INSHIRA FATHIMA	UNITY MATRICULATION SCHOOL	NOISE CANSSELLING HEAD PHONES - DIY	Selected
17	RSF WINNER	SYED ABDUR RAHMAN	Roots And Wings Academy	The Effect of Godavari Salmon Fish Compost on Plant Growth Compared to Vermicompost	Selected
18	RSF WINNER	HAFEEZ UNNISA	Springfields International School, Bandlaguda	Toothpaste: Does it always bring a light to your smile?	Selected
19	RSF WINNER	RUSHDA AHMED	MADINA HIGH SCHOOL	"SMART TEXTILES AND SKIN COMFORT"	Selected



## NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

### Junior - Physical Science (JPS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-125	UMAMAH FIRDOUD	MS CREATIVE SCHOOL	BEST BIO POLLUTANTS ABSORBENT	Selected
2	NSF-OGJ-2024-166	SHAIK AATIF B	IMAM SHAFI RAH MAT.HR.SEC.SCHOOL	INVESTIGATING THE REFRACTION OF LIGHT THROUGH DIFFERENT MATERIALS	Selected
3	NSF-OGJ-2024-212	SYED IMAAD UDDIN	MS CREATIVE SCHOOL	COLD PACK CHEMISTRY WERE DOES THE HEAT GO	Waiting List
4	NSF-OGJ-2024-216	SHABREEN TAJ N	K.H MAT GIRLS HR SEC SCHOOL	DOPPLER EFFECT V/S TEMPERATURE	Selected
5	NSF-OGJ-2024-217	NUBAID	MS CREATIVE SCHOOL	ELECTROLYTE BENEFIT IN COLD DRINKS VS JUICES	Waiting List
6	NSF-OGJ-2024-345	MATHAN KUMAR . M	ELITE PUBLIC SCHOOL (CBSE)	LASER HARP: CREATE A MUSICAL INSTRUMENT USING LASERS TO PRODUCE SOUND BY BREAKING THE BEAMS WITH OUR HANDS.	Selected
7	NSF-OGJ-2024-455	S.P. INIYA	FATHIMA CSS SCHOOL	SALT WATER VS TAP WATER	Selected
8	NSF-OGJ-2024-468	SIMRA SAMEEN	MS CREATIVE SCHOOL, RAJENDRANAGAR	PH CHANGES IN EVERYDAY SUBSTANCES AFTER ITS EXPIRY AND ITS EFFECT.	Selected
9	NSF-OGJ-2024-479	MOHAMMED SUHAIL.S	SANA MODEL SCHOOL	AUTOMATED GUARDIAN:HOW SENSORS SAVE LIVES IN WOOD WORKING	Selected
10	NSF-OGJ-2024-563	MOHAMED ABUBAQAR SIDDIQ.M	OLIVE INTERNATIONAL SCHOOL	APPLICATION OF DARK OXYGEN-BASED CUTTING-EDGE ADVANCED OXIDATION TECHNOLOGY TO ENHANCE THE EFFICIENCY OF OXYGEN UTILISATION	Selected
11	RSF WINNER	Ziqra Quasar	urooj model high school	Grey water recycling for irrigation	Selected
12	RSF WINNER	Zunaira Mohammadi	MS CREATIVE SCHOOL	A cell for the blind	Selected
13	RSF WINNER	Shifa Naaz	MS. CREATIVE SCHOOL RAJENDRA NAGAR BRANCH	PH SENSITIVE PACKAGING OF MATERIALS	Selected
14	RSF WINNER	MAHEK FATIMA	GOVT GIRLS HIGH SCHOOL-	GIRLS SAFETY DEVICE	Selected

### Junior - Engineering Science (JEG)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-185	KHASIM ABDULLAH B	SANA MODEL SCHOOL	GLUCO TRACK: NON-INVASIVE GLUCOSE MONITORING SYSTEM	Selected
2	NSF-OGJ-2024-194	ADIBA FATHIMA. M	SAFA MATRICULATION SCHOOL, AVADI	DESIGN AND DEVELOPMENT OF A SMART WATERING SYSTEM VS TRADITIONAL WATERING SYSTEM	Selected
3	NSF-OGJ-2024-641	SAI SWEATHA B	FATHIMA CENTRAL SENIOR SECONDARY SCHOOL	SMART WHEELCHAIR	Selected

# NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

## Senior - Environmental Science (SES)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-043	SAKTHI PRIYA T	SIVAKASI HINDU NADAR MAT. HR. SEC. SCHOOL	ROLE OF NATIVE TREES IN MITIGATING CLIMATE CHANGE	Selected
2	RSF WINNER	Gayatri	SISTER NIVEDITA SCHOOL	Water purification	Selected
3	RSF WINNER	K.VIMUDHA	SISTER NIVEDITA SCHOOL	MICROBIAL REGROWTH IN HOUSEHOLD WATER STORAGE TANK	Selected

## Senior - Life Science (SLS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024- 36	ABDUS SALAM	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	EFFECT OF HEAVY METALS ON SEED GERMINATION AND GROWTH	Selected
2	NSF-OGJ-2024-095	MOHAMED SUHAIL AFRAZ	UNITY PUBLIC SCHOOL	COMPARATIVE EVALUATION OF BLACK RICE AND WHITE RICE IN LIPOLYSIS FOR FAT REDUCTION -AN INVITRO STUDY	Selected
3	NSF-OGJ-2024-173	AYISHA THASNEEM A	SANA MODEL SCHOOL	ISOLATION OF PSEUDOMONAS. A NOVEL APPROACH TO ACHIEVE NEAR 100% LDPE DEGRADATION.	Selected
4	NSF-OGJ-2024-261	THOUFEEQ HAMDAN KAMAL. M	FATHIMA CSS SCHOOL	SMART SOLUTIONS	Selected
5	NSF-OGJ-2024-263	D. KHAMRUNISA	FATHIMA CSS SCHOOL	MICROWAVE- INFUSED HYDROPONICS	Selected
6	RSF WINNER	MAHEK BEGUM & UZMA BEGUM	MANUU MODEL SCHOOL, HYDERABAD	Analysis of Growth Parameters and Stress (MDA) Levels in Selected Millets Under Induced Salt Stress	Selected
7	RSF WINNER	MIRZA ZOYA BEGUM & SADIYA BEGUM	MANUU MODEL SCHOOL. HYDERABAD	Effect of UV-C Irradiation on Seed Germination, Seedling Parameters in Rice and Wheat Seeds	Selected
8	RSF WINNER	MOHD ALTHAF, MOHD MUSTAFA, MOHI	MANUU MODEL SCHOOL, HYDERABAD	Estimation of Blood Parameters & Serum Stress Marker Levels in Diabetics & NON-Diabetics	Selected

## Senior - Physical Science (SPS)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-149	MOHAMED SALEEM S	IMAM SHAFI (RAH) MAT. HR. SEC. SCHOOL	INVESTIGATING THE EFFECT OF TEMPERATURE ON THE VISCOSITY OF LIQUIDS	Selected
2	NSF-OGJ-2024-151	MOHAMED YASEEN	IMAM SHAFI RAH MAT HR.SEC.SCHOOL	MEASURING THE EFFICIENCY OF DIFFERENT INSULATING MATERIALS FOR SOUND	Selected
3	NSF-OGJ-2024-182	FATHIMA MARZOOQA .M.A.	SANA MODEL SCHOOL	BUILDING BLOCKS FROM SEWAGE SITE	Selected
4	NSF-OGJ-2024-335	JUWYRIYA IBRAHIM	UNITY PUBLIC SCHOOL UPS	EFFECT OF BLACKBODY RADIATION ON BAKING	
5	NSF-OGJ-2024-459	M. AKSHAYA	FATHIMA CSS SCHOOL	COMPARISON AND CHARACTERIZATION OF SHRINKING ABILITY OF FABRIC IN THE NATURAL AND ARTIFICIAL LIQUIDS.	Selected
6	NSF-OGJ-2024-461	R. YAMINI	FATHIMA CSS SCHOOL	EFFECTS OF ACARICIDES STORAGE ON PLANT FOODS AND IT'S CLEANING TECHNIQUES	Selected

## NSF OGJ - 2024 Synopsis Selection List

( Note: Some selected Synopsis are shifted to Engineering Category within the same level.)

7	NSF-OGJ-2024-464	K. SANTHOSH	FATHIMA CSS SCHOOL	DESIGN AND DEVELOPMENT OF HYDRAULIC ELEVATORS FOR MACHINING HYDRAULIC LIFT HOUSING	Selected
8	NSF-OGJ-2024-467	S. KEERTHANA LAKSHMI	FATHIMA CSS SCHOOL	LPG GAS SENSOR WITH SMOKE DETECTOR	Selected
9	NSF-OGJ-2024-478	R. THANGAPALANI	FATHIMA CSS SCHOOL	MEASUREMENT OF NUTRIENT LOSS IN PLANT FOOD AT DIFFERENT CLEANING METHODS	Selected
10	NSF-OGJ-2024-650	K. AYSHA MAHIRA	IMAM SHAFI (RAH) MAT.HR.SEC.SCHOOL	INVESTIGATING THE EFFICIENCY OF DIFFERENT INCLINED PLANE ANGLES	Selected

### Senior - Engineering Science (SEG)

Sl No.	Online Application Number	Student Name	School Name	Project Title	Synopsis Selection Result
1	NSF-OGJ-2024-485	S. HARISH	FATHIMA CSS SCHOOL	LIFT CRASH CONTROL USING MAGNETIC REPULSION	Selected
2	NSF-OGJ-2024-645	HAMEED FARIS S	FATHIMA CENTRAL SENIOR SECONDARY SCHOOL	GARGO BOT 24	Selected