



**PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH**

**NEELAMBUR, COIMBATORE**

**PSG iTech Expo 24**

**Student Project Contest**

**Grade 6-8**

SI No	Title of the Project	School Name	School Address	Name of the team	Student team	Name of the Mentor	Contact Number	Email Address	Category	Table No.
1.	Bluetooth Car controlled using Aurdino	SBK International School CBSE	Aruppukottai		S.Sairamnath , P.K Sujan Prabhu	Mr.A.Dharmalingam	9677474014	<a href="mailto:sbkfrontoffice22@gmail.com">sbkfrontoffice22@gmail.com</a>	Grade 6-8	
2.	Obstacle avoidance Car	SBK International School CBSE	Aruppukottai		J.ISSAC JASON	Mr.A.Dharmalingam	9677474014	sbkfrontoffice22@gmail.com	Grade 6-8	
3.	Hydraulic Road Bridge	SBK International School CBSE	Aruppukottai		G.Jeevan, K.P.Aakash	Mr.A.Dharmalingam	9677474014	sbkfrontoffice22@gmail.com	Grade 6-8	
4.	Credit based smart bins for waste management	srinachammalvidyavani school	devarayampal ayam bypass road,avinashi, tirupur 641654	hygiene managers	Tanishka.y, Aswanthvel ,Mithun grade 7	kiruthika.t	9677529603	kiruthikat@snavschoools.com	Grade 6-8	
5.	AI based alert system for farmers	srinachammalvidyavami school	devarayampal ayam bypass road,avinashi, tirupur 641654	Agro genius	dhakshina,hasmitha,desmitha grade 8	kiruthika.t	9677529603	kiruthikat@snavschoools.com	Grade 6-8	

6.	Automatic smart robotic vehicle for physically impaired people	Sri nachammalv idyavani school	devarayampal ayam bypass road,avinashi ,tiruppur 641654	tech robots	Hanshika,A nusherley,N akshatra	kiruthika.t	9677529 603	kiruthikat @snvvsch ools.com	Grade 6-8	
7.	Smart home	Sri nachammalv idyavani school	Devarayampa layam Bypass Road, Avinashi Tirupur - 641 654.	Smart techies	Threya,Saip ranav,Prana v vigas	kiruthika.t	9677529 603	kiruthikat @snvvsch ools.com	Grade 6-8	
8.	Smart helmet	srinachamm alvidyavani school	Devarayampa layam Bypass Road, Avinashi Tirupur - 641 654.	life savers	Jagathram,T harunsanjay ,Mohamme droshan	kiruthika.t	9677529 603	kiruthikat @snvvsch ools.com	Grade 6-8	
9.	Transforming Education: A Smart School Building Model	Aalaya Academy	S.F.No.84/4B, 5B&6A2, ACS Nagar, Kasipalayam Road, S.Periyapalay am, post, Tiruppur, Tamil Nadu 641607	IYARKA I	Poorvaja T (Grade 6) Kaviarasan M (Grade 6) Elakiya S.H. (Grade 7) Meghala G (Grade 8)	Roshni	9159968 899	aalaya2324 @gmail.co m	Grade 6-8	

10.	A Sustainable Living Prototype with Integrated Rainwater Harvesting, Waste Treatment, IoT Energy Monitoring, and Waste-to-Energy System	Yellow Train School, Coimbatore	ANGERIPAL AYAM ROAD , GANDHI NAGAR, TIRUPUR- 3.	EcoHub	Anya Mahendran, Raevanth Rajesh, Yashmathi Ganesh, Yash Nandan - Grade 6	Dr. Rajesh Ranganathan	9994091512	15yt0150@yellowtrainschool.com	Grade 6-8	
11.	Rain water Detector	Nehru International school	Devarayampalayam Bypass Road, Avinashi Tirupur - 641654	Savage souls	Mitra R. - 8 Sowbarnika U. - 8	Beena	9677529603	sumashankar2377@gmail.com	Grade 6-8	
12.	Voice controlled robot	Sri nachammalvidyavani school	Devarayampalayam Bypass Road, Avinashi Tirupur - 641654	the inverters	trishdev,nithesh	kiruthika.t	9677529603	kiruthikat@snvvschools.com	Grade 6-8	
13.	fire fighting robot	srinachammalvidyavani school	371/2 ,MAIN ROAD,PODANUR,COIMBATORE-641023	fire rangers	sruthi.s,sudhiksha	kiruthika.t	6369298143	kiruthikat@snvvschools.com	Grade 6-8	
14.	Automatic Sensor Moving Trolley: Enhancing Efficiency and Safety	PRISTINE PUBLIC SCHOOL	Dr. Ngp Nagar Kalapatti Road Coimbatore Tamil Nadu India 641048.	AAKIL AHAMED	AAKIL AHAMED. S	KEERTHIKA	9655808887 , 9841721839	kurshidb086@gmail.com	Grade 6-8	

15.	Breathe Easy - Float Debris free	The NGP School	TM PALAYAM POST, KALIYAPUR AM, COIMBATO RE-641105	EnviroSc ulpt	Shruthika S - Grade 8	Sridevi	9786042 442	shruthikas @thengpsc hool.ac.in	Grade 6-8	
16.	WI-FI CAR	NEHRU INTERNAT IONAL SCHOOL	Barathi Vidya Bhavan, Matriculation Higher Secondary School, Thindal, Erode-638012	NIS	VIDULES H B.K , GOWTHA M G	JANANI R	8870775 221	vidulesh76 77@gmail. com	Grade 6-8	
17.	AUTOMATIC WEATHER STATION -ALERT SYSTEM	URC PALANIA MMAL MATRIC HR SEC SCHOOL	neelambur	VI STD BOYS	KARTHIK EYAN C,KARAN M,SACHIN D	VIJI S	9629590 251	info@urcp mhss.edu.i n	Grade 6-8	
18.	Moss Fuel Cell	ANAN INTERNAT IONAL SCHOOL	SF 281, SITRA ROAD, KALAPATTI, COIMBATO RE - 641048	Alpha	Jaswanth Kumar.N Burhanuddi n.Y Jai Prithin.D Krithik Raghave.J. M	MS. NITHYALAK SHMI	9994088 862	<a href="mailto:info@ananinternationalschool.com">info@anan internation alschool.co m</a>	Grade 6-8	

19.	Osmo Generator	ANAN INTERNATIONAL SCHOOL	SF 281, SITRA ROAD, KALAPATTI, COIMBATORE - 641048	Osmo Generator	1. Parthiksha. A 2. Ananya. S 3. Lukhshaya. V 4. Sridhana Rao	MR. SUBHASH CHANDRA BOSE	9994088862	info@ananinternationalschool.com	Grade 6-8	
20.	Wastewater Hydroelectricity	ANAN INTERNATIONAL SCHOOL	SF 281, SITRA ROAD, KALAPATTI, COIMBATORE - 641048	Aqua Energy	Kaushik U M Siddarth R V K Ratan Karthik Mohomad Muneeb Hussain	MR. SUBHASH CHANDRA BOSE	9994088862	info@ananinternationalschool.com	Grade 6-8	
21.	Smart energy harvesting shoe for blind and physio patients	PSG PUBLIC SCHOOLS	BVB School Road, Thindal, Erode, Tamil Nadu 638012	Felicitous Girls	C.V. Nirupa, Hridya Manoj	Mrs. R. Bhagavathi	9865224664	<a href="mailto:veera.bb@gmail.com">veera.bb@gmail.com</a>	Grade 6-8	
22.	Esp 32 car	Bharathi vidhya bhavan matriculation higher secondary school	PERIYANAI KANPALAYAM, COIMBATORE -641020	Madan team no. 1	P. Madan, s. Dhammeshwar., Sarah fatihma	M. Indra	8903135272	<a href="mailto:nehamadan1987@gmail.com">nehamadan1987@gmail.com</a>	Grade 6-8	

23.	2A Management (Management of two types of aqua)	SBOA MATRIC & HIGHER SECONDARY SCHOOL, COIMBATORE	Nehru International School, TMT Palayam, Kaliyapuram, Coimbatore - 641105	VIII C	A.Sree Varshana-V III	S.Ravi	9.19598E +11	<a href="mailto:sreevarshanaa@gmail.com">sreevarshanaa@gmail.com</a>	Grade 6-8	
24.	Eco-Friendly Maglev Car	GKD Matric Hr Sec School	UIT nagar , periyanyank enpalayam , Coimbatore	THE MAGLE V	Surya V class 6-C	Prabavathy	9843462 116	<a href="mailto:prabavathyrajmohan@gmail.com">prabavathyrajmohan@gmail.com</a>	Grade 6-8	
25.	Smart garden monitoring system.	G.K.D Matriculation .higher secondary school	6/151-A, PODANUR MAIN RD, KK KOIL BUS STOP, KURICHI PIRIVU, THIRUMAR AI NAGAR, KURICHI, COIMBATORE, TAMIL NADU 641023	Nature	Harisaran P.G. 8th Sandeep.R. 8th	prabavathy .R	6369298 143	prabavathy rajmohan @gmail.com	Grade 6-8	
26.	E-ERADICATE PESTS (USING AI TO ERADICATE PESTS)	Pristine Public School	371/2,Podanur Mian Road,Podanur	Deep Slash	Asman VIII-A	Ms. Keerthika Balamurugan	6369298 143	asmanabu60@gmail.com	Grade 6-8	

27.	Smart Cycle	Pristine Public School	PODANUR MAIN ROAD, PODANUR.	Eco Tech Club	Mohammed Azlaan Sherif, Athish, Mohammed Zayd Patel, Fayas	Mrs.Keerthika	+91 6369 298 143	risnubaazliya@gmail.com	Grade 6-8	
28.	Wheelchair joystick controller	K V MATRICULATION HR SEC SCHOOL	No: 371/2, Podanur Main Road, Coimbatore - 641023	S.M. Dharani karthick	P.Akhilesh	Jeyapritha	6369298 143	shinepritha@gmail.com	Grade 6-8	
29.	Magnetic helicopter	G.K.D.Matriculation higher secondary school	UIT Nagar, periyanaicken palayam, coimbatore	TS MAX INVENTION	1. Trinabh. M 2.Saurish. S & 6th std	Mrs. Prabhavathy	9843462 116	prabavathyrajmohan@gmail.com	Grade 6-8	
30.	SMART BIN	SRI SHAKTHI INTERNATIONAL SCHOOL	united public school PERIYANAI CKENPALAYAM	TECH SPIRIT!	MAITHRA A KPS (GRADE-8) SASMITH A (GRADE-8) HARINIRANJAN (GRADE-8)	SRUTHI S	9941596 371	<a href="mailto:sruthisai0130@gmail.com">sruthisai0130@gmail.com</a>	Grade 6-8	
31.	Needless injection sysems	united public school	No:371/2, Podanur Main Road, Coimbatore - 641023.	VPD	DHARANE ESH VP	HEMALATH A	6369298 143	<a href="mailto:prakashtvsfl@gmail.com">prakashtvsfl@gmail.com</a>	Grade 6-8	

32.	Spectacles for Blind People	Pristine Public School	No: 371/2, Podanur ,Main Road, Coimbatore - 641023.	Altruistic Boyz	M. Mahfooz Ali, 6th std; N. Nishaadh, 6th std; A. Mohammed Affan, 6th std; W. Mohammed Thaseen, 6th std.	B. Keerthika	6369298143	<a href="mailto:jevakeerthika1024@gmail.com">jevakeerthika1024@gmail.com</a>	Grade 6-8
33.	BEACH SAFETY SMART BAND	SRI SHAKTHI INTERNATIONAL SCHOOL	(S.F No 451),Panapalaya m, Thekkalur (Post), Avinashi (Tk), Tiruppur (Dt)-641654	ASIZO	VAISHALI NI (Grade-7) OVIYA (Grade-7) SHASTIKA (Grade-7)	SRUTHI S	8660725872, 9500441592	<a href="mailto:sruthisai0130@gmail.com">sruthisai0130@gmail.com</a>	Grade 6-8
34.	Hydro Power Generation	Public Public School	No: 371/2, Podanur Main Road, Coimbatore - 641023.	Fire Fly	Aazeen Rushda, 6th std; Kashima Farheen, 6th std; Ayisha Neha, 6th std	B. Keerthika	6369298143	<a href="mailto:jevakeerthika1024@gmail.com">jevakeerthika1024@gmail.com</a>	Grade 6-8
35.	Electromagnetic crane	The United public school		Research' s	Thaneeksha .V Ritika. S Nethra .B Hasini. K	Hemalatha .R		<a href="mailto:190100261@uit.ac.in">190100261@uit.ac.in</a>	Grade 6-8





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**Student Project Contest**

**Category: Grade 9-12**

Sl No	Title of the Project	School Name	School Address	Name of the team	Student team	Name of the Mentor	Contact Number	Email Address	Category	Table No.
1.	Solar Powered IOT Based Smart Irrigation System	MCC Public School	78, Harrington Road, Chetpet, Chennai - 31.	The Innovatreses	Padmanetra(Grade 9), Andrea (Grade 9)	Pravin Thanaraj	9790374500	stemmccps@gmail.com	Grade 9-12	
2.	Waste Water Treatment (Memberane based Reverse Osmosis for Treating Dyeing Effluents)	Aalaya Academy	S.F.No.84/4B, 5B&6A2, ACS Nagar, Kasipalayam Road, S.Periyapalayam, post, Tiruppur, Tamil Nadu 641607	Cauvery	Remi Thomson T, Duvaraga S.H., Nirai Ezhilan N.M., Ruthresh P - (Grade 9)	Nishanthi A	9159968899	aalaya2324@gmail.com	Grade 9-12	
3.	IoT-BASED FLOOD WATER CONTROLLING SYSTEM	AMRITA VIDYALAYAM SENIOR SECONDARY, TIRUPPUR	Yellow Train Grade School, Mudalipalayam, Arasur, Coimbatore, Tamil Nadu-641407	IOT	KRITHVI SAI, PRANESH (GRADE XI)	GOVINDARA J C	9750854530	officetrpr@tn.amrita vidyalaya m.edu.in	Grade 9-12	

4.	CLEAN WATER MANAGEMENT	KONGU VELLALAR MATRICULATION HIGHER SECONDARY SCHOOL	Nehru International school Kaliyapuram ,Thirumalaya mpalayam Coimbatore - 641 105 ,Tamil nadu	A & P FROM KONGU	S.AKSHAYA AND P.PRITHIC FROM 11TH STANDAR D	GEETHA.G	9605454 40p	tirupurkonguschool@gmail.com	Grade 9-12	
5.	VigilHER	The NGP School	Nehru International school Kaliyapuram ,Thirumalaya mpalayam Coimbatore - 641 105 , Tamil Nadu	SheShield	Deekshita - IX	Ms. Sridevi	9751726 318	deekshitar@thengpsschool.ac.in	Grade 9-12	
6.	Unlimited Energy Source For E- Vehicles	BARATHI VIDYA BHAVAN	Bharathi Vidya Bhavan, Matriculation Higher Secondary School, Thindal, Erode-638012	Shining Brainies	Elamugilan. V. T-9th Standard Santhosh. I. M -9th Standard	Mrs. F. Zelin Chitra, M. Sc. B. Ed., M. Phil	8870775 221	elamugilant@gmail.com	Grade 9-12	
7.	Healthcare Companion: Your Robotic Ally in the Wellness Expedition	Bharathi Vidya Bhavan Matriculation Higher Secondary School, Erode	Bharathi Vidya Bhavan mat.hr.sec.school, Thindal	CIRCUIT TITANS	Lithikesh M 9th-E, Lithin M 9th-E, Harendraa D 9th-E, Hemanth	Mrs. F. Zelin Chitra M.Sc., B.Ed., M.Phil.,	9488838 467	6223.lithikeshm@gmail.com	Grade 9-12	

					Kumar K 9th-E					
8.	HOME MADE BANANA STEM PRODUCTS	Municipal boys Hr. Sec. School,	MBHSS , AMMAPET, SALEM	BANANA STEM PRODUC TS	RISHISA M R. IX A SYED ABUTHA HIR F IX A	DEVADEVI i S	7397222 121	hmmplbhs sammamet @gmail.co m	Grade 9-12	
9.	AGRI ROBOT	MUNICIPAL BOYS HIGHER SECONDARY SCHOOL	MBHSS , AMMAPET, SALEM	AGRI ROBOT TEAM	VIGNES H E IX C DEEPAK KUMAR S IX A	DEVADEVIS	7397222 121	hmmplbhs sammamet @gmail.co m	Grade 9-12	
10.	Drainage Cleaning Bot (DCB)	The NGP School	Dr.N.G.P.-Kal apatti Road, Coimbatore-6 41 048, Tamil Nadu.	Team Osiris	Shahrin Jahana J S- class XI Nitin Krishna G S-class XI Akshaya K-class XI Naren V-class XI	Radha S	9894454 362	shahrinjah anajs@the ngpschool. ac.in	Grade 9-12	
11.	Patient health monitoring with IoT	Sri Chaitanya techno school	Devarayampa layam Bypass Road, Avinashi Tirupur - 641 654	NA	NA	Jayasanthi	9677529 603	sutheeshra njith@gma il.com	Grade 9-12	

12.	SmartPC Buddy: An Affordable, Hands-Free AI Robot Assistant	srinachammalvidyavani school	SF 281, SITRA ROAD, KALAPATTI, COIMBATORE - 641048	smart buddy	M.J.Sajiith, S.Nevith, Aswanth Ram. D	kiruthika.t	7448973541	<a href="mailto:kiruthikat@snvvschools.com">kiruthikat@snvvschools.com</a>	Grade 9-12	
13.	Algae Bioreactor for CO2 Absorption and Oxygen Production	ANAN INTERNATIONAL SCHOOL	SF 281, SITRA ROAD, KALAPATTI, COIMBATORE - 641048	MNH	Mithiran .A Hari Sudhan .S Nitin .M	MS.NITHYAL AKSHMI	9994088862	info@ananinternationalschool.com	Grade 9-12	
14.	Day and Night project and Laserlight house security project	The United Public School	UIT Nagar ,Periyanaickenpalayam, Coimbatore	Jinesh	Jinesh.G-Grade-9, Salman Khan.S-Grade-9, Janakiraman.P-Grade-9, Jeyakash-Grade-9	Hemalatha.R	9843462116	<a href="mailto:ups@uit.ac.in">ups@uit.ac.in</a>	Grade 9-12	
15.	Voice Controlled wheelchair	The United Public School	Perianaickenpalayam, SRKV Post, Coimbatore - 641 020. Tamil Nadu – India.	CSK forever	S. Krishith Grade-9, R. Niranjan Grade -9, S.Someshwar Grade -9	Hemalatha. R	8903135272	ups@uit.ac.in	Grade 9-12	
16.	Vortex bladeless	The United Public School	uitnagar,perianaickenpalayam,coimbatore	Vortex bladeless	S.Thaariga N.Nishanthini	R.Hemalatha	9843462116	ups@uit.ac.in	Grade 9-12	

					K.Samiksha Y.Ananya Grade 9					
17.	Tilting Solar panel	Reeds world school	No: 371/2, Podanur Main Road, Coimbatore - 641023.	Solar Rangers	Vinay Siddharth S, Midhun Bhuvanesh B	MsJegatheeswari	6369298143	jagatheeswari@ssvminstitutions.ac.in	Grade 9-12	
18.	AQUA MANAGEMENT ALERTER	SRI SHAKTHI INTERNATIONAL SCHOOL	UIT Nagar ,Periyayakampalayam , Coimbatore	THE INTELLIGENT SQUAD	DHARSHIKA (Grade-9) KABESHWAR (Grade-9) SANKALP GUPTA (Grade-9)	SRUTHI S	9843462116	sruthisai0130@gmail.com	Grade 9-12	
19.	WASTE TO ENERGY (HYDROGEN SEPARATION)	BALABARATHI MATRIC. HR.SEC.SCHOOL	MARAVANERI, SALEM - 7	REACTIVE REBELLS	V.BIRUNDA &M.NANDHINI	M.JAYALAKSHMI	9488608130	<a href="mailto:balabarathi2009@gmail.com">balabarathi2009@gmail.com</a>	Grade 9-12	