

GREEN AUDIT REPORT And ENVIRONMENT AUDIT



2019-20

**M/s P.E.S COLLEGE OF SCIENCE, ARTS & COMMERCE
M.C.ROAD, MANDYA – 571 401
KARNATAKA STATE.**



Prepared By,

M/s. ENVIRO ENGINEERING SOLUTIONS

Thrupthi Nilaya, 8th Cross, Leelavathi Extension,
Maddur, Karnataka - 571428.

CERTIFICATE

M/s. Enviro Engineering Solutions, ThrupthiNilaya, 8th Cross, Leclavathi Extension, Maddur, Karnataka – 571428, has carried out Green Audit and Environment Audit for P.E.S. College of Science, Arts & Commerce, M.C. Road, Mandya-571401, Karnataka State during March, 2020.

Date: 18.03.2020

Place: Maddur

For Enviro Engineering Solution,


Authorized Signatory
Proprietor

EXECUTIVE SUMMARY

Rapid urbanization, industrialization has led to several environmental and ecological crises. Now people have realized the need for Environment protection. Several legislations were enacted by various countries for the protection of the environment. Before initiating action to mitigate the problems, there is a necessity to identify the problem issues. Hence the concept of Green audit has emerged.

The management of P.E.S College of Science, Arts & Commerce, Mandya, is environmentally concerned and has the intention to make the campus eco-friendly. In order to achieve 'The Green Campus', the auditing work was taken up. Before taking up the work a lot of preparatory work was carried out and methodologies developed.

After discussions with the management, stakeholders in the college, field verification of site, regulatory requirement, the report is prepared and also suggestions are made to achieve Green Campus.

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1. INTRODUCTION

M/s. P.E.S. College of Science, Arts & Commerce is a reputed Institution in the district of Mandya. The college imparts value based quality education to students belonging to all sections of society and to make higher education an effective instrument for socio-economic transformation in and around Mandya district. The College was established in the year 1966 by People's Education Society currently known as People's Education Trust (R), with the help of philanthropic farmers of Mandya District.

The sole objective of the college was to promote Quality Education among the students of Rural Areas. The Society was founded by the late Sri K.V. Shankaragowda, former Education Minister of Government of Karnataka., an educationist, politician, artist, entrepreneur and a social worker. Later Dr.H.D.Chowdaiah, former Member of Legislative Assembly and council, a well-known educationist and a pioneer in the field of Co-operative, headed Trust. At present the Trust is headed by Sri. K.S. Vijay Anand, former ZP member, Young & energetic youth leader. The college is housed at present in an area of 2.18 acres of land in the heart of the city. Besides the undergraduate college, the People's Education Trust (PET) has the following colleges -

1. P.E.S. College of Engineering.
2. P.E.S. Law College.
3. Shankaregowda College of Education.
4. P.E.S. Pre-University College and
5. P.E.S. High School.

Other Infrastructure facilities provided to the students of our Institution are

1. Swami Vivekananda Auditorium.
2. V.S.V.M. Boys Hostel.
3. P.E.T. Indoor Badminton stadium.
4. P.E.T. Multi-Gym.
5. P.E.T. Aquatic Centre.

6. P.E.T. Cricket Stadium.
7. P.E.T. Synthetic Tennis Stadium.
8. Multipurpose Athletic stadium.
9. P.E.S.C.E. Girls Hostel.
10. P.E.T. Working Women's Hostel and
11. Krishik Sarvodaya Foundation Trust (R).

The Institution at present has Thirty-Two Classrooms, which are adequate to run the College in a single session. New construction has taken place at the cost of Rs.3.8 Cr to create facilities for examination centres and to provide facilities for autonomous status. Presently, the institution is functioning under the grant-in-aid scheme of Government of Karnataka.

VISION:

The P.E.S College of Science, Arts and Commerce strives to

1. Build a learning culture.
2. Make students responsible citizens.
3. Create an atmosphere of oneness.
4. Imbibe moral and ethical values.
5. Inculcate traditional values of parental care and community living.
6. Love, Care, protect and improve one's roots.
7. Uphold human values irrespective of caste, creed, race or religion.
8. Dream of becoming a world citizen

MISSION

- 1. Pursue and achieve excellence in quality teaching, learning and research.**
- 2. Provide access to the students for optimum use of college infrastructure.**
- 3. Foster and encourage innovation and creativity.**
- 4. Recognize and accept social responsibility.**
- 5. Respect and disseminate social harmony and unity in diversity**
- 6. Create an environment of intellectual stimulus, scientific inquiry and responsibility.**
- 7. Integrate global perspective.**

2. BASIC INFORMATION

SL.NO	Description	Observation
1	Name of the Institution	M/s. P.E.S. College of Science, Arts & Commerce
2	Address	M.C. Road, Mandya-571 401,Karnataka
3	Contact Person	Sri. Dr. C.R. Raju.
4	Telephone No	08232-220252
5	Mail ID	pessac.mandya@gmail.com pessac.mandya@yahoo.in
6	Website	www.pesdegreecollegemandya.edu.in
7	Total Area in Sq. feet	786573
8	Green Built Area, Sq. feet	259569
9	No of Staff	104
10	No of Students	1770
11	Type of courses run by college	1. Science- B.Sc. -PCM, PMCs, CBZ. M.Sc. (Mathematics) 2. Arts- B.A: HEP, HES, HEE, HSK, HKF, HPE 3. Commerce- B. Com, M. Com 4. Management- B.B.M
12	Source of Water	Bore well and Rain Water.

13	Water Consumption	1,20,810 liters /day
14	Wastewater Generation	96,648 liters /day
15	No of Pumps	3
16	Bore well	3
17	Latitude and Longitude	12.5269°N, 76.8881 °E
18	Dist-Residence, meters	5
19	Dist-Highway, meters	3
20	Waste water Discharge Point	UGD
21	Power Requirement	100 KW/Day

3. INFRASTRUCTURE FACILITIES

1	Total land available (in acres)	3.00
2	Class Rooms (No. of class rooms and covered area in sq. Ft.)	32 No's, with 23.910 sq. Ft.
3	Laboratories (No. of labs rooms and covered area in sq. Ft.)	7 No's with 7,860 sq. Ft.
4	Central Library	4,680 sq. Ft.
5	Hostels(No. of rooms with students Hostels accommodated)	
	a. Men	85 Rooms Double seaters - 7,000 sq. Ft. (VSVM)

	b. Women	101 Rooms Double seaters - 8.500 sq. Ft. (Girls Hostel)
6	Sports Facilities in the College Campus (indoor/outdoor), Play grounds, Fitness equipment, sports coaches, etc.	1. Cricket stadium (Turf) 2. Swimming pool 3. Indoor facilities a) Shuttle Badminton Court (Wooden) = 4 b) Multi Gym = Men c) Multi Gym = Women 4. Volleyball court with flood light= 2 court 5. Tennis court - Synthetic 3, Clay 1 flood light 6. Basketball with flood light 7. Kho-Kho court with flood light 8. Ball badminton court 9. Kabaddi court 10. Football field

4. GREEN AUDIT

a. Definition

New England Interstate water pollution Control commission defines Green Campus as under.

- 1. Is one that carries out these functions according to a system-wide culture of environmental sustainability, balancing function and design with existing and foreseen resources?**
- 2. Is a place where environmentally responsible practice and education go hand in hand and where environmentally responsible tenets are borne out by example?**
- 3. Institution is a laboratory of self-scrutiny, experimentation, and application. At its best, it is a model environmental community where operational functions, business practices, academic programs, and people are interlinked, providing educational and practical value to the institution, the region, and the world.**

b. Benefits of Green Campus

- 1. Reduced maintenance costs.**
- 2. Productivity gains for the occupants of the campus.**
- 3. Carbon Neutral environment.**
- 4. Un-interrupted clean power supply.**
- 5. Drastic pollution reduction.**
- 6. Healthy, hygienic study environment.**
- 7. Recognition for the organization.**
- 8. Attracts enrollment of students.**
- 9. Sustainable future.**

5. METHODOLOGY

The Green Audit was conducted for M/s. P.E.S College of Science. Arts & Commerce for the academic year 2019-2020 by M/s. Enviro Engineering Solutions to identify green practices being followed, identify the gaps and to make recommendations.

Desk study	Collection of associated legislation Issues in the education institutions Develop audit plan including materials
Field Study	Collecting data regarding environmental issues Identification of gaps
Evaluation	Evaluation of data Discussions with stake holders
Reporting	<ul style="list-style-type: none">• Report writing• Verification of Report• Finalization

6. APPLICABILITY OF ENVIRONMENT REGULATION**a) Environment legislation**

SL. No	Applicable Act	Applicability
1	The Water (Prevention and control of pollution) Act, 1974	Applicable
2	The Water (Prevention and control of pollution) Cess Act, 2003	Not Applicable, after GST, this has become redundant.
3	The Air (Prevention and control of pollution) Act, 1981	Applicable
4	The Environment (Protection) Act, 1986	Applicable
5	The Public liability Insurance Act, 1991	Not Applicable

b) Rules

SL.NO	Applicable Act	Applicability
1	The Water (Prevention and control of pollution) Rules, 2003	Applicable
2	The Water (Prevention and control of pollution) Cess Rules, 1978	Not Applicable
3	The Air (Prevention and control of pollution) Rules, 1983	Applicable
4	The Environment (Protection) Rules, 2016	Applicable
5	The Hazardous and other waste (management and Trans boundary movement) Rules, 2016	Applicable

6	The manufacture, storage and import of hazardous chemicals Rules, 2000	Not Applicable
7	The Chemical accident (emergency planning, preparedness and response) Rules, 1996	Not Applicable
8	The Biomedical waste management Rules, 2016	Applicable
9	The plastic waste (management and handling) Rules, 2016	Not Applicable
10	The solid waste management Rules ,2016	Applicable
11	The E-waste (management and handling) Rules, 2016	Applicable
12	The noise pollution (regulation and control) Rules, 2010	Applicable
13	The batteries (management and handling) Rules, 2011	Not Applicable

7. AUDIT FRAME WORK

The following audit framework is used for conducting Green Audit:

Sl. No	Audit Area	Audit Observation
1	Water Consumption	
	1. Source of water supply	Bore well
	2. Storage tank capacity	100 KLD
	3. Total Population in Campus	1858 No's
	4. Hostel Population	
	1) Boys Hostel (85 rooms, 2 No's in each Room); taking average consumption of 145	Total water Consumption=24,650 Litres/capita/day

	litres/capita/day	
	2) Girls Hostel (101 room, 2 No's in each Room); taking average consumption of 145 litres/capita/day	Total water Consumption=29,290 Litres/capita/day
	3) Non-residing Population (Difference of Total Population and Hostel Population); taking average consumption of 45 litres/capita/day	1486 No's Total water Consumption=66,870 Litre /capita/day
	4) Total water consumption of the campus (addition of Hostel consumption and Non-residing consumption)	1,20,810 litres /day
2	Waste water Generation	
	1.Total wastewater generated from the campus (80% of total water consumption)	96,648 litres/day
	2.Wastewater discharge	Underground Drainage (UGD)
	3.Lab Effluent	100 litres; effluent is treated and then discharged to the UGD line.
3	Domestic Hazardous Waste	Waste is generated from DG Set and from laboratories (negligible quantity)
4	Solid Waste	
	Under Solid waste Management Rules, 2016 institution is covered under the definition-"Bulk waste generator"	

	Means and includes buildings occupied by the Central Government Departments or undertakings, State Government Departments or undertakings. Local Bodies, Public Sector undertakings or Private Companies, Hospitals, Nursing Homes. Schools, Colleges, Universities. Other Educational Institutions, Hostels, Hotels, Commercial Establishments, Markets, Places of Worship, Stadia and Sports Complexes having an Average Waste Generation Rate Exceeding 100 Kg/Day.	
	Dry waste (office & classroom); Avg. generation of 0.4 kg/day	743.2Kg/day-collected by the city corporation.
	Wet waste (canteen & hostel); Avg. generation of 0.4kg/day	858.8kg/day-sent to piggery.
5	Air Pollution	Source of air pollution – D.G. set.
6	E-Waste Under E-waste Management Rules, 2016 institution is covered under the definition "Bulk Consumer" Means Bulk Users of Electrical and Electronic Equipment such as Central Government or State Government Departments, Public Sector Undertakings, Banks, Educational Institutions, Multinational Organizations, International Agencies, Partnership and Public or Private Companies that are Registered under the Factories Act, 1948 (63 of 1948) and Companies Act, 2013	
7	Hazardous waste	Used Oil is generated from DG Set; it is stored in a leak proof container in a scientific manner.
8	Rain water harvesting	The college has implemented the rain water harvesting mechanism.
9	Solar Energy	The college has not yet implemented the solar energy, it will be done in future academic year
10	Environmental Policy	Environmental policy is present
11	Environmental awareness Programs/conference/workshops	The various programs conducted/attended by the College are: 1. Emission Test Camp. 2. Plantation Program. 3. Awareness program to save water in Mandya City. 4. Celebrates World Environmental Day every year. 5. Green Marathon

12	Waste Management	<ol style="list-style-type: none"> 1. Solid waste has been stored in different coloured bins such as <ol style="list-style-type: none"> a. Green Colour Biodegradable waste or wet waste b. Blue Colour - Non biodegradable Wastes" or the "Dry Waste 2. Domestic Hazardous waste separate stored in a bin in scientific manner 3. E-waste stored in separate storage bins in a scientific manner. 4. Bio-medical Waste stored in different bins with different color such as: <ol style="list-style-type: none"> a. Black- non-infected waste b. Red-Soiled waste c. Blue-Infected plastics d. White-Sharps
13	College Achievements in line with Government	<ol style="list-style-type: none"> 1. The college has reduced energy consumption by using LED lights instead of traditional lights due to which 20% of the electric energy is saved. 2. They are using Solar water heaters in hostels boys & girls) instead of electric energy 3. RO water filter is installed on campus. 4. As per IS standards, the college has maintained 33.33% of Green Belt Area. 5. The college is plastic, litter & smoke free campus.

8. FIELD OBSERVATIONS

SL. No	Control Objectives	Controls	Audit Observation
1.	To minimize water consumption	Repair sources of water leakage, such as dripping taps as quickly as possible.	The college carries out regular checking and maintenance of pipelines, taps to control water wastage.
		Install appliances which reduce water consumption such as, Aerators on taps used for hand washing, Installing water misers, Landscaping with drought-tolerant plants, Dual flush toilets, Leak technology, detection Recycling rooftop rainwater, Rooftop vegetation, Hand sanitizers.	Yes, the college is positive in installing rain water harvesting mechanisms to reuse rainwater in toilets. Gardening, and washing of corridors.
		Encourage a decrease in water usage among staff, students and conference guests.	Yes, the college encourages all its faculties and student body to decrease water usage
		Use a hygienic efficient water and storage mechanism to minimize the loss of water during storage.	The college has included a leak management program to minimize the real losses of water during storage.
		Minimize the wastage of water, if RO filters are used and regular service to be done.	RO Filters are implemented of 25 liters capacity in each floor of the new building.
2	Minimize the use of	Install water recycling mechanism i.e., rain water harvesting system.	The college has implemented the Rain water Harvesting system.
		Ensure that all cleaning products used by college have minimal detrimental	Negligible amount of washing liquids are used in college and all toilet cleaners are eco-friendly.

	chemical pollutants and Hazardous waste	impact on the environment.	
		Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost.	Negligible amounts of fertilizers and pesticides are used in the college.
		Produced on site wherever possible.	
		Dispose the chemical waste generated from laboratories in a scientific manner.	Most of the waste generated is water-soluble and ultimately disposed of to UGD, which is in diluted form but before discharging into UGD, necessary treatment is done.
		Reduce the practice of burning plastic and other material that emits harmful gas on burning.	No such burning is observed/evidence at the time of auditing by us.
3	Minimize Air pollution in the campus.	Provision of Separate bins for Storage of Domestic Hazardous waste as per the norms.	Yes, the college maintains separate Hazardous waste storage bins to store the generated domestic hazardous waste.
		Provision of Storage room for Domestic Hazardous waste as per norms.	Separate storage room is not provided. Since domestic hazardous waste is generated.
		Identify the sources of air pollution.	The college has identified different air pollution sources.
		Maintenance and periodic sampling of identified air pollution sources.	The sampling of identified pollution periodically maintained.
		Is the Ambient Air Quality (AAQ) Monitoring within the National Ambient Air Quality (NAAQ) Standards?	Yes, AAQ is within the NAAQ Standards.

4	Ensure that environmental awareness is created	Conduct environmental awareness workshops as a part of the program.	Yes, the college conducts such programs.
		Conduct events such as planting trees to spread environmental awareness among the students.	Have an active club to conduct events.
		Promote environmental awareness as a part of course work in various curricular areas, independent research projects.	Yes, the college has an Environmental Science subject, wherein environmental awareness is promoted.
		Awareness programs to promote recycling among staff, students through training, posters and incentives.	Yes, the college promotes recycling among staff and students regarding.
5	Ensure that Environmental Policy is enacted, enforced and reviewed	Establish a college Environmental Committee that will hold responsibility and serve as a source of advice and guidance to staff and students on how to implement the policy.	The college has implemented the Environmental Policy.
		A Green officer who is engaged in the profession of providing guidance on environmental impact.	Yes, there is a green officer.

9. RECOMMENDATION

1. The college is already using LED lights in hostels instead of traditional lights and is saving 20% of electricity; if the college uses solar panels for the whole campus it can save electricity.
2. Engage a Green/Maintenance Officer to look over environmental issues and create environmental awareness in the campus.

10. CONCLUSION

The Audit carried out in the M/s. P.E.S College of Science, Arts & Commerce and discussions with stakeholders indicate that there is willingness to convert the campus into a green campus. Time schedule for implementation will go long way in achieving the desired objective.

ENVIRONMENTAL AUDIT

INTRODUCTION (2019-20)

PES College of Science, Arts & Commerce has realized the paramount importance of environment audit. Self-assessment of the environment will reflect the responsibility of the College in mitigating the environmental problems, if any, within the Campus. The College has been making efforts to keep the environment clean and hygienic, since its inception,

Environment audit is used to determine the type and volume of waste, which can be used for a recycling project or to improve waste minimization process. Environment audits can create health consciousness and promote environmental awareness, values and ethics. It provides a better understanding of environmental impact within the Campus, to the staff and students.

OBJECTIVES

The purpose of the environment audit is to identify, quantify, describe and prioritize the framework of environmental sustainability in compliance with the applicable regulations, policies and standards.

The major objectives of the environment audit are as follows:

- To assess the quality of soil within the Campus to investigate the quality of water available in the open wells
- To analyze the impact of our activities on quality of ambient air
- To assess the impact of our activities a noise pollution.
- To evaluate the waste management strategies.

ENVIRONMENT AUDIT COMMITTEE

Following committee has been constituted in order to achieve the objectives of the environment audit:

1	Puneeth G.M.	
2	Dr.Anil Kumar.H	
4	Dr.Manjunatha.M	
5	Neelakanta	
6	Sathish.S	
7	Bhavya H.S	

SCOPE OF ENVIRONMENT AUDIT

The scope of environment audit encompasses the assessment of quality of soil, quality of water, quality of ambient air, causes for noise pollution, if any, and evaluation of waste management practices adopted by the College.

The assessment of quality indicates fertility. The assessment of quality of water indicates portability of water. The assessment of quality of air indicates the impact of our activities on quality of ambient air. The assessment of noise pollution indicates the impact of our activities in creating noise. The evaluation of waste management practices indicates the efficiency of such practices.

OBSERVATIONS

The observations with respect to the Environment Audit are as follows:

- **Assessment of Quality of Soil**

As the Campus constitutes more herbs, shrubs and trees which indicates the soil fertility in general. The soil sample was collected from prominent places within the Campus as per protocol. The soil sample was mixed well and air dried. Further, the soil sample was given, for testing, to the department of Geology, PES college of engineering, Mandya.

The soil sample was subjected to various tests to identify potential of hydrogen (pH) value, electrical conductivity, organic carbon and nutrients like, nitrogen, phosphorous, potassium, zinc, iron, copper, manganese, boron, sulphur, calcium, magnesium, etc. According to the report the quality of the soil is good with enriched nutrients, moist condition and useful microorganisms.

- **Investigation of Quality of Water**

Water from two open wells is used for all purposes in the College, Water from these two open wells was collected and given, for testing to the department of Geology, PES college of engineering, Mandya.

The water sample was subjected to various tests to identify organoleptic and physical parameters such as colour, odour, turbidity, pH value and total dissolved solids (TDS) and general parameters such as, total hardness, calcium, magnesium, chloride, sulphate, nitrate, iron, fluoride, copper, manganese, selenium, zinc, residual free chlorine, aluminium, anionic detergents, phenolic compounds, boron, arsenic, cadmium, cyanide, lead, mercury, chromium and etc. According to the report the quality of the water is good with enriched nutrients. The parameters are good enough to conclude that water is potable in nature and is not polluted.

- **Analysis of Impact of our activities on Air Quality**

There are only a few equipment/ installations viz., thermal conventional incinerator and diesel generator, which could cause air pollution. Diesel generators are used sparingly, only when regular power supply is disrupted. Thermal conventional incinerator is built in such a way that it causes less pollution. Pollution caused by these equipment/ installations is highly negligible. Hence, air quality tests has not been conducted.

Air pollutants such as nitrogen dioxide, carbon monoxide and lead are not measured because there are no factories/ industrial establishments emitting these pollutants located in neighbouring areas.

- **Assessment of Impact of our activities on Noise Pollution**

Diesel generators are the only equipment that could cause noise pollution. But, the diesel generator is a 'silent generator' hence, the noise level is less. The College does not require any other machinery that would cause noise pollution.

- **Evaluation of Waste Management Strategies**

Waste management in the College is being carried out scientifically and efficiently. The waste is being segregated at source, and then collected and processed appropriately. Different strategies are adopted for different types of waste.

Clean and Green Campus Initiatives

Biodegradable waste is composted using vermin composting and aerobic composting techniques. The compost produced is utilised for growing vegetables, fruits, flowers, ornamental plants and trees. Non-biodegradable waste that can be recycled are initially stored in the waste storage area, until a sizable quantity is accumulated and then sold to scrap vendors. Non-biodegradable waste that cannot be recycled is handed over to Mandya Municipality City Corporation (MMCC) on a daily basis. Highly insignificant quantity of food waste so collected is handed over to the cattle and pig rearing agri-entrepreneurs.

Partial grey water is utilised for watering some of the plants and trees. Remaining grey water and black water is let into the underground drainage facility provided by the MMCC. Liquid chemical waste is diluted before discarding into the wash basin.

Used sanitary napkins, cotton swabs, bandages are incinerated in conventional thermal incinerators and residual ash is handed over to MMCC. Tissue cultures, media and needles are sterilized through heat killing methods using a pressure cooker and wrapped in specific polythene bags and then handed over to MMCC. Biomedical waste generated during health and blood donation camps are handed over to the collaborating hospital for the proper disposal.

E-wastes are rarely generated. The quantity of e-waste generated is negligible. Buy back arrangement has been made for disposal of batteries. Equipment procured through governmental sponsorship (UGC, etc.) are stored as per respective guidelines. Other e wastes are handed over to scrap vendors.

The experiments conducted in the laboratories do not require hazardous chemicals and radioactive elements. After segregation the chemicals are neutralized and diluted before discarding. Outdated and decolourised chemicals are stored separately and returned to the supplier. Further, organic pesticides are used in the campus. Organic floor cleaners are being used.

Following waste recycling initiatives are practised in the College:

- Unused sheets of the test booklets are used as scribbling pads.
- Single-use plastic bottles are used to grow plants in the bottle garden.
- Wires are reused during the experiments, as much as possible, to reduce and recycle E waste.

RECOMMENDATIONS

Following recommendations have been made by the Committee for further improvements:

- **Continue to use organic manure and pesticides so as to maintain the quality of soil.**
- **Periodic maintenance of open wells shall be carried out.**
- **Increase the green coverage by planting more herbs, shrubs and trees.**
- **Continue the waste management practices.**
- **Competitive quotations shall be called for selling the scrap materials.**
- **Continue to use organic floor cleaners.**
- **Continue the waste recycling initiatives that are presently being practice**

ENERGY AUDIT



2019-20

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M.C.ROAD, MANDYA – 571 401
KARNATAKA STATE



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M/s. Enviro Engineering Solutions, ThrupthiNilaya, 8th Cross, Leelavathi Extension, Maddur, Karnataka – 571428, has carried out Energy Audit for P.E.S. College of Science, Arts & Commerce, M.C. Road, Mandya-571401, Karnataka State during March, 2020.

Date: 18.03.2020

Place: Maddur

For Enviro Engineering Solution

Authorized Signatory

Proprietor

ACKNOWLEDGEMENT

We are thankful for Management of P.E.S. College of Science, Arts & Commerce, Mandya, for giving us an opportunity to conduct an energy audit for their college.

It is appreciable that Management is showing concern to save energy & environment and taking all initiations. It will also motivate others. Energy conservation is not just a matter of saving money, but the environment & natural resources too. In this concern Initiation to conduct an audit will be the first step.

We are thankful to the Principal & all staff of P.E.S. College of Science, Arts & Commerce who has shown interest and also supported us. It's their involvement that encouraged us to put our best possible effort to deliver the best possible result.

The Corona pandemic has affected work flow, this has put a lot of stress and uncertainty. Despite this all staff have put their effort and given time in their tight schedule. We thank everyone.

All concerned teaching & office staff have contributed to the energy audit process with maximum information, clearly and timely.

Thanking all

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P.E.S. College of Science, Arts & Commerce, Mandya

Category	Educational institution
Year of establishment	1966
Total area of campus	3.00 acres
Energy consumption per annum	7.9074 units per annum
Individual built-up area	
Classroom	42
Lab	07
Admin	02
Auditorium	01
Hostel	01
Type of major load	
UPS and Computers	UPS-05 and computers-245
Air conditioner	04
Lighting	516
Fans	295
pumps	03

2. Energy conservation measures adopted at present

1) Use of LED lights

Using 18w LED lights in place of 40 w tubes

Savings $22\text{w} \times 8 \text{ hours} \times 250 \text{ days} \times 147 \text{ nos} = 6468 \text{ units}$

Savings by use of 9w LED tube light in place of 40w fittings

$= 31\text{w} \times 8 \text{ hours} \times 250 \text{ days} \times 197 \text{ no's} = 12214 \text{ units}$

Total saved = $6468 + 12214 = 18692 \text{ units}$

2) Use of street lights:

There are 05 street lights in the premises:

Savings per annum- $05 \text{ nos} \times 40\text{w} \times 365 \text{ days} = 73000 \text{ watt}$

hour Savings approximate 73 units

3) Use of 4 star rated refrigerator

Energy saved by use of 4 star refrigerator instead of old refrigerator

Total cooling capacity-1990 ltrs

Energy consumption- (BEE std.)- 3144 units/annum

Savings compared to single star or old refrigerator

Based on BEE CEC- Comparative energy consumption criteria till 31.dec 2016

Savings 37%

Normal consumption- present

consumption = $4990 - 3144 = 1846$

units per annum.

4) Use of air conditioner of 4 Star equivalent

Savings by use of 3 star rated equivalent air conditioners with EER 3.2 in comparison with EER

2.3 of single star BEE 2011

Savings case 1-29% - 661 units x2 = 1322 units

Savings case 2-21% -94.63 units X2 = 189 units

Total saved = 1322 +189 = 1511 units

1) Total energy saved per annum

Energy conservation measures	Energy saved per annum
Use of LED lights	18765
Use of 4 star rated refrigerator	1846
Use of 3 star rated Air Conditioners	1511
Total energy saved per annum	22122 units per annum.

2)Cost benefit;

Tariff LT2(b)

Low tension 440v/230vac supply

Segment- educational installation.

Considering unit rate 7.50 Rs

Cost saved- 22122 x 7.50= 165915. rs per annum.

3) Environmental benefit

Saving in greenhouse gas emission carbon dioxide

=31217 Units X 0.8 kg/kwh- 24973kgs of CO2

3. Scope of Energy Audit:

This energy audit is conducted with the following scope.

- Study of energy Utilization bills for one year
- Energy Source-Transformer centre
- Demand side study (Equipment type, Usage, Energy Conservation option)
- Power quality (Voltage, Current & PF)
- illumination
- Automatic controls usage
- Renewable Energy Present usage and option for solar on grid system

Process;

- ❖ Site walk through
- ❖ Data collection
- ❖ Test & measurements
- ❖ Analysis
- ❖ Draft report (Abstract)
- ❖ Concluding meeting
- ❖ Final report submission.

04. CONSUMER POWER INPUT DETAILS

NAME	PES COLLEGE OF SCIENCE, ARTS & COMMERCE COLLEGE, MANDYA
CATEGORY	AIDED EDUCATIONAL INSTITUTION
CONTACT DEMAND	72.87KW + 0 HP
TARIFF	S-9456
TYPE OF SUPPLY	LT 440V /3PH
TRANSFORMER	100KVA / DEDICATED/
INPUT TO TRANSFORMER	11KV ,3ph
T.C. LOCATION	INSIDE CONSUMER PREMISES
RRNO	S-9456
AVGMD	30KVA
ENERGY CHARGES	RS 7.95 + TAX
FIXED CHARGES	RS 65/- PER KW
NORMAL CONSUMPTION	22122 UNITS PER ANNUM
AMOUNT SPENT ON ELECTRICITY	Rs 165915 . Per annum
SUB METERING	YES -FOR ATM

OTHER MAJOR SOURCES OF ENERGY

SOLAR ROOFTOP ON GRID SYSTEM	NIL
SOLAR OFF GRID SYSTEM	Nil
DIESEL GENERATOR	KIRLOSKAR GREEN POWER IDEAS. NOISE LIMIT-<75dB(A) At 1Mtr.

Beyond the Campus

Environmental promotion and sustainability activities



Dr.C.R. Raju M.Sc., Ph.D,
Principal

People's Education Trust (R), Mandya
P.E.S. College of Science, Arts & Commerce, Mandya.

M.C. Road, Mandya, Karnataka - 571 401

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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers Crew		
Title of the Program	Pond Cleaning Program		
Co-ordination	Bharat Scouts & Guides District Organization		
Date	06-07-2019	Time / Days	01 day
Venue	Mahadevapura, Pandavapura Taluk , Mandya		
Objectives	<ul style="list-style-type: none">❖ Cleaning of Antique Angels❖ Protection of water resources❖ Making people aware of water conservation		
Number of staff participated	00	Number of students Participated / benefitted	08
Outcomes	<ul style="list-style-type: none">➤ Creation of water cells➤ The people of the village are taking advantage of this		
Details of the Committee	Mandya District Scouts & Guides Ogranization.		
Any other relevant information	Even today the people of the village use the water for their livelihood.		


S.K. Veerasha
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



Dr.C.R. Raju M.Sc., Ph.D,
Principal

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P.E.S. Mandya Rovers Crew

Pond cleaning Program

06-07-2019

List of participated students

Students' list		
Sl.No	Name	Class
1.	Gunavantha G	2 nd B.Com
2.	Sudeep T.M	2 nd B.Com
3.	Shashi Kumar K	2 nd B.Com
4.	Arjun K.S	2 nd B.Com
5.	Abhishek D.R	2 nd B.Com
6.	Akhilesh C.R	2 nd B.Com
7.	Lokesha G	1 st B.A
8.	Madan C.S.	1 st B.Sc.


Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos
“Pond Cleaning Program”



Appreciation Letter from the Mandya District Scouts & Guides Department



ಭಾರತ್ ಸ್ಕೌಟ್ಸ್ ಮತ್ತು ಗೈಡ್ಸ್, ಕರ್ನಾಟಕ
ಮಂಡ್ಯ ಜಿಲ್ಲಾ ಸಂಸ್ಥೆ, ಮಂಡ್ಯ



ವಿಜ್ಞಾನ ಸೇವೆಯು ಎದುರು, ಮಂಡ್ಯ ಜಿಲ್ಲೆ 571 401, e-mail: bsgmandya@gmail.com
ಸಂಖ್ಯೆ: ಬಿ.ಎಸ್.ಜಿ./ಡಿ.ಎಸ್.ಕ್ಯೂ/61/2019-20 ದಿನಾಂಕ: 20.09.2019

ಗೆ,

ಪ್ರಾಂಶುಪಾಲರು
ವಿಜ್ಞಾನ, ವಾಣಿಜ್ಯ ಮತ್ತು ಕಲಾ
ಪಿ.ಇ.ಎಸ್ ಪದವಿ ಕಾಲೇಜು, ಮಂಡ್ಯ

ಮಾನ್ಯರೇ,

ದಿನಾಂಕ 06.07.2019ರಂದು ಪಾಂಡವಪುರ ಸ್ಥಳೀಯ ಸಂಸ್ಥೆ ವತಿಯಿಂದ ಮಹಾವೇಶ್ವರಪುರ ಗ್ರಾಮದಲ್ಲಿ ಕಲ್ಯಾಣ ಸ್ವಚ್ಛತಾ ಕಾರ್ಯಕ್ರಮವನ್ನು ಹಮ್ಮಿಕೊಂಡಿದ್ದು, ಈ ಸ್ವಚ್ಛತಾ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ವಿಜ್ಞಾನ, ವಾಣಿಜ್ಯ ಮತ್ತು ಕಲಾ ಪಿ.ಇ.ಎಸ್ ಪದವಿ ಕಾಲೇಜಿನಿಂದ ಆಗಮಿಸಿದ್ದ ರೋವರ್ಸ್‌ಗಳು ಆತ್ಮತೃಪ್ತವಾಗಿ ಸೇವೆಸಲ್ಲಿಸುವುದರ ಜೊತೆಗೆ ಕಾರ್ಯಕ್ರಮವನ್ನು ಯಶಸ್ವಿಗೊಳಿಸಿದ್ದಕ್ಕಾಗಿ ಹೃದಯ ಪೂರ್ವಕ ಅಭಿನಂದನೆ ಸಲ್ಲಿಸುತ್ತಾ ಮುಂದಿನ ದಿನಗಳಲ್ಲಿಯೂ ಕಾಲೇಜಿನ ರೋವರ್‌ಗಳ ಸಹಕಾರ ನೀಡಬೇಕೆಂದು ಆಶಿಸುತ್ತೇವೆ.

ಸ್ವಚ್ಛತಾ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಆಗಮಿಸಿದ್ದ ರೋವರ್‌ಗಳ ಹೆಸರು

1. ಗುಣವಂತ ಜಿ.
2. ಸುದೀಪ್ ಟಿ.ಎಂ
3. ಶಶಿಕುಮಾರ್ ಕೆ
4. ಅರ್ಜುನ್ ಕೆ.ಎಸ್
5. ಅಭಿಷೇಕ್ ಡಿ.ಆರ್
6. ಅಖಿಲೇಶ್ ಸಿ.ಆರ್
7. ಲೋಕೇಶ ಜಿ
8. ಮದನ್ ಸಿ.ಎಸ್

ಸ್ಕೌಟ್ಸ್ ಮತ್ತು ಗೈಡ್ಸ್ ವಂದನೆಗಳು

ತಮ್ಮ ವಿಶ್ವಾಸಿ

(ಎನ್. ಅಶೋಕ ಕುಮಾರ್)
District Organising Commissioner
Scouts & Guides, Mandya.

S.K. Veerasha
Rovers Scout Leader
P.E.S. A.&C. College, Mandya.

Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



Dr.C.R. Raju M.Sc., Ph.D,
Principal

People's Education Trust (R), Mandya
P.E.S. College of Science, Arts & Commerce, Mandya.


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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers Crew		
Title of the Program	Preparation of Seed pellets & Sowing of seed pellets in Bandipur & Individual Forest		
Co-ordination	Forest Department		
Date	01-08-2019	Time / Days	01 day
Venue	Bandipura National Reserve Forest & Individual Social Forest		
Objectives	❖ For the Preservation of Nature ❖ Protection of Nature resources		
Number of staff participated	02	Number of students Participated / benefitted	35
Outcomes	➤ The sowing seed is plentiful ➤ Increased number of plants in the forest.		
Details of the Organizing Committee	Rovers scouts leader Sri S.K.Veerasha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information	Appreciated by the Forest Department		


Rovers Scouts Leader
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



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P.E.S. Mandya Rovers Crew
Preparation of Seed pellets programme
01-08-2019
List of participated students

The Bharat Scouts & Guides

P.E.S College of Science, Arts & Commerce College, Mandya

P.E.S MANDYA ROVERS CREW

TRAINING & ACTIVITY DIARY FOR THE YEAR 2019-20

Name of the Rover Leader S.K Veereshha

Date 01/08/2019 Time: From 03.00 PM To 05.45 PM

S.No.	Rovers On Class	Subjects Covered
1.	47+2	Seed ball preparation.

Refreshments Served: pups, mixer, Lemon Juice.

NAME & SIGNATURES:

Conducting Class/ Activity. S.K. Veereshha Sign. _____

Conducting Class/ Activity. Nandeesha Kumar MS. Sign. _____

Who Attended Senior Rovers:

1. Deekshith A. Mobile No. 9986616123
2. Purnith Kumar M. Mobile No. 9611948835
3. — Mobile No. —
4. — Mobile No. —

Next TRAINING & ACTIVITY to be held on 03/08/2019 from 03.00 PM hrs to 05.30 PM hrs

Name & Sign of ARSL	Name & Sign of RSL	Principal
<u>Nandeesha Kumar MS.</u> <u>S.K. Veereshha</u>	<u>S.K. Veereshha</u> Rovers Scout Leader P.E.S.A.&C.College, Mandya.	<u>S.K. Veereshha</u> Principal P.E.S. College of Science Arts & Commerce, MANDYA.

S.K. Veereshha
Rovers Scout Leader
P.E.S.A.&C.College, Mandya.

S.K. Veereshha
Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.

Weekly Class Attendance

Sl. No	Rover Name	Signature
1.	Manohara M	ABSENT
2.	Vinay H.A	<i>Vinay H.A.</i>
3.	Prem H.M	<i>Prem H.M</i>
4.	Shashi S.K	<i>Shashi S.K</i>
5.	Likith C.R	<i>Likith C.R</i>
6.	Sumanth N.S	<i>Sumanth N.S</i>
7.	Nithingowda C.N	<i>Nithingowda C.N</i>
8.	Madhusudhangowda M.C	ABSENT
9.	Hemanthkumar M.R	ABSENT
10.	Nandeesh D.R	ABSENT
11.	Shashank C.K	<i>Shashank C.K</i>
12.	Akilesh C.R	<i>Akilesh C.R</i>
13.	Gunavantha G	<i>Gunavantha G</i>
14.	Sudeep T.M	<i>Sudeep T.M</i>
15.	Manojkumar K	<i>Manojkumar K</i>
16.	Abhishek D.R	<i>Abhishek D.R</i>
17.	Prajwal H.J	ABSENT
18.	Mohammed Vashim	<i>Mohammed Vashim</i>
19.	Arjun K.S	<i>Arjun K.S</i>
20.	Shashikumar K	<i>Shashikumar K</i>
21.	Adarsha H.R	<i>Adarsha H.R</i>
22.	Manojgowda G.S	<i>Manojgowda G.S</i>
23.	Santhoshkumar D.K	<i>Santhoshkumar D.K</i>
24.	Madan C.S	<i>Madan C.S</i>
25.	Hitesh M.R	ABSENT
26.	Koushikgowda C.M	<i>Koushikgowda C.M</i>
27.	Lokesha G	<i>Lokesha G</i>
28.	Yadunandan H.S	ABSENT
29.	Manjunatha D.N	<i>Manjunatha D.N</i>
30.	Pavankumar .S	<i>Pavankumar .S</i>

Rover Scout Leader

P.E.S. S.A. & C. College, Mandya

Sl. No	Rover Name	Signature
31.	Darshith	<i>Darshith</i>
32.	Maheshgowda N	<i>Maheshgowda N</i>
33.	Mahesh M	<i>Mahesh M</i>
34.	Chandana M	<i>Chandana M</i>
35.	Ajaykumar N	<i>Ajaykumar N</i>
36.	Yogesh M.P	<i>Yogesh M.P</i>
37.	Rajath K.A	<i>Rajath K.A</i>
38.	Deeksith kumar M	<i>Deeksith kumar M</i>
39.	Shreenidhi K.S	<i>Shreenidhi K.S</i>
40.	Nagesha B	<i>Nagesha B</i>
41.	Harshavardan L.S	ABSENT
42.	Panchakshari Aradhya	<i>Panchakshari Aradhya</i>
43.	Bharath M.L	<i>Bharath M.L</i>
44.	Nagendra murthy N.D	ABSENT
45.	Sanjay K.K	<i>Sanjay K.K</i>
46.	Gurumurthy R.S	<i>Gurumurthy R.S</i>
47.	Hithosh B.R	ABSENT
48.	Ranjan kumar	<i>Ranjan kumar</i>
49.	Dinesh K.S	<i>Dinesh K.S</i>
50.	Kiran P.S	<i>Kiran P.S</i>
51.	Aruna G.N	<i>Aruna G.N</i>
52.	Sujan A.N	<i>Sujan A.N</i>
53.	Nishanth H.R	ABSENT
54.	Pavan H.K	<i>Pavan H.K</i>
55.	Punith N	<i>Punith N</i>
56.	Harish M.R	<i>Harish M.R</i>
57.	Raveesh gowda B.C	<i>Raveesh gowda B.C</i>
58.	Mallesha S.N	<i>Mallesha S.N</i>
59.	Nagaraju N.K	ABSENT
60.	Sumanth K	ABSENT

Principal

P.E.S. College of Science
Arts & Commerce, MANDYA.

Principal

P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos
“Preparation of Seed Pellets”





Dr.C.R. Raju M.Sc., Ph.D,
Principal


People's Education Trust (R), Mandya
P.E.S. College of Science, Arts & Commerce, Mandya.

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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers Crew		
Title of the Program	Neighborhood victims relief and Disaster Management		
Co-ordination	Kodagu District Bharath Scouts & Guides Department		
Date	10-08-2019 to 15-08-2019	Time / Days	06 day
Venue	Kodagu		
Objectives	<ul style="list-style-type: none">❖ Neighbors fill their self – confidence in victims.❖ Spraying of the drug in neighboring areas❖ Protection of victims❖ Providing food and clothing to victims.		
Number of staff participated	01	Number of students Participated / benefitted	06
Outcomes	<ul style="list-style-type: none">➤ The sowing seed is plentiful➤ Increased number of plants in the forest.		
Details of the Organizing Committee	Kodagu District Scouts & Guides Organization		
Any other relevant information	Appreciated by the Bharath Scouts & Guides Bharath Scouts & Guides Department with District Commissioner		


S.K. Veerasha
Rovers Scouts Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



Dr.C.R. Raju M.Sc., Ph.D,
Principal

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P.E.S. Mandya Rovers Crew
Neighborhood victims' Relief and Disaster Management
10-08-2019 to 15-08-2019
List of participated students

List of Participants		
Sl.No	Name	Class
1.	Shridhara K.S	3 rd B.Com.
2.	Madan C.S	2 nd B.Sc.
3.	Yadhunandan	2 nd B.Com
4.	Ajay Kumar N	1 st B.A
5.	Mahesh Gowda N	1 st B.A
6.	Mahesh M	1 st B.A


S.K. Veerasha
Rovers Scouts Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos
“Neighborhood Victims’ Relief and Disaster Management”



Appreciation Letter from the Kodagu District Office



**ಜಿಲ್ಲಾಡಳಿತ ಕೊಡಗು ಜಿಲ್ಲೆ, ಮಡಿಕೇರಿ ಮತ್ತು
ಕೊಡಗು ಜಿಲ್ಲಾ ಪಂಚಾಯತ್
ಅಭಿನಂದನಾ ಪತ್ರ**

ಕುಮಾರ / ಕುಮಾರಿ / ಶ್ರೀ / ಶ್ರೀಮತಿ.....ರಸದಾನಂದನ್.....ಶಿಲ್ಪ.....ಎನ್. ದೀಪದ.
.....ಎ.ಜಿ.ಎಸ್.....ಕೆ.ಜಿ.ಎಸ್.....ಮಂಡ್ಯ.....ಇವರು

ಕೊಡಗು ಜಿಲ್ಲೆಯಲ್ಲಿ ಆಗಸ್ಟ್ 2019 ರ ಮಾಹೆಯಲ್ಲಿ ಸಂಭವಿಸಿದ ವಿಪತ್ತಿನ ಸಮಯದಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ
ವಿಪತ್ತು ನಿರ್ವಹಣೆಯ ಕಾರ್ಯ ಚಟುವಟಿಕೆಯಲ್ಲಿ ಭಾಗವಹಿಸಿ ಅಭಿನಂದನೆಗೆ ಪಾತ್ರರಾಗಿರುತ್ತಾರೆ.

K. Lakshma
ಕೆ.ಲಕ್ಷ್ಮೀಪ್ರಿಯಾ ಐ.ಆರ್.ಸಿ.
ಮುಖ್ಯಕಾರ್ಯನಿರ್ವಹಣಾಧಿಕಾರಿ,
ಕೊಡಗು ಜಿಲ್ಲೆ, ಮಡಿಕೇರಿ

A. A.
ಅನೀಶ್ ಕಡ್ಗಡೆ ಪಾಯ್ ಐ.ಆರ್.ಸಿ.
ಜಿಲ್ಲಾಧಿಕಾರಿ,
ಕೊಡಗು ಜಿಲ್ಲೆ, ಮಡಿಕೇರಿ

S.K. Veerasha
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.

Principal
Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



Dr.C.R. Raju M.Sc., Ph.D,
Principal

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P.E.S. College of Science, Arts & Commerce, Mandya.

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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers Crew		
Title of the Program	Shravana festival special camp		
Date	24-08-2019 to 27-08-2019	Time / Days	04 days
Venue	Himavad Gopalaswamy Temple, Bandipura National Reserve Forest, Bandipur		
Objectives	<ul style="list-style-type: none">❖ To understand the importance of social responsibility❖ 2000kg of seeds are sown in areas where the fire has been destroyed.❖ Prohibition awareness campaign on plastic use❖ Making people aware of traffic control		
Number of staff participated	02	Number of students Participated / benefitted	23
Outcomes	<ul style="list-style-type: none">➤ Forest treasures were rescued from the wildlife.➤ Increased number of plants in the forest.➤ People have reduced their use of plastic.		
Details of the Organizing Committee	Rovers scouts leader Sri S.K.Veerasha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information	Appreciation letter is given by Forest Department.		


Rovers Scouts Leader
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



Dr.C.R. Raju M.Sc., Ph.D.
Principal

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P.E.S. College of Science, Arts & Commerce, Mandya.

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P.E.S. Mandya Rovers Crew
Shravana Festival Special Camp
24-08-2019 to 27-08-2019
List of participated students

Participants' List		
Sl.No	Name	Class
1.	Manohara M	3 rd B.Com.
2.	Likith C.R	3 rd B.Sc.
3.	Nithin Gowda C.N	3 rd B.Sc.
4.	Sumanth N.S	3 rd B.Sc.
5.	Shashi S.K	2 nd B.Com
6.	Gunavanth G	2 nd B.Com
7.	Sudeep T.M	2 nd B.Com
8.	Lokesha G	2 nd B.A
9.	Madhan C.S	2 nd B.Sc
10.	Yadhunandan H.S	2 nd B.Com
11.	Shashank	2 nd B.Com
12.	Akilesh C.R	2 nd B.Com
13.	Mahesh Gowda N	1 st B.A
14.	Ajaykumar	1 st B.A
15.	Mahesh M	1 st B.A
16.	Chandan M	1 st B.A
17.	Bharath M.L	1 st B.Sc
18.	Panchakshari Aradhya	1 st B.Sc
19.	Harish M.R	1 st B.Sc
20.	Punith N	1 st B.Sc
21.	Sanjay K.K	1 st B.Sc
22.	Raveesh Gowda B.C	1 st B.Com
23.	Ranjan Kumar	1 st B.Sc


S.K. Veerasha
Rovers Scouts Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos
Shravana Festival Special Camp



Appreciation Letter from the Forest Department

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ

ಅರ್ನಾಪುರ ಅರಣ್ಯ ಇಲಾಖೆ



“ಅಭಿನಂದನಾ ಪತ್ರ”

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟ ಪಾಲಯದ ಹಿಮವತ್ ಗೋಪಾಲಸ್ವಾಮಿ ದೇವಸ್ಥಾನದಲ್ಲಿ ಆಗಸ್ಟ್ ತಿಂಗಳಿಂದ
ನಾಲ್ಕು ತುರ್ತುಕಾಲದ ಪ್ರಯತ್ನ ದಿನಾಂಕ 24-08-2019 ರಿಂದ 27-08-2019 ರ ವರೆಗೆ ಪಿ.ಇ.ಎಸ್ ವಿಜ್ಞಾನ, ಕಲಾ ಮತ್ತು ವ್ಯಾಪಾರ ಕಾಲೇಜಿನ
ಪಿ.ಇ.ಎಸ್ ಮಂಡ್ಯ ರೋಡ್ ಶ್ರೀವತ್ 23 ಮಂದಿ ರೋಡ್‌ಗಾರ್ ಮತ್ತು 06 ಮಂದಿ ಸಿಬ್ಬಂದಿ ರೋಡ್‌ಗಾರ್‌ಗಳು ಹಾಗೂ ಸಹಾಯಕ ರೋಡ್‌ಗಾರ್,
ಲೀಡರ್ ಎಂ.ಎಸ್ ಸಂದೀಪ್‌ಸುಮಾರ್ ರವರು, ರೋಡ್‌ಗಾರ್ ಲೀಡರ್ ಪ್ರೊ. ಎಸ್. ಕೆ. ವೀರೇಶ್ ರವರ, ನಿರ್ದೇಶನದಲ್ಲಿ ಭಾಗವಹಿಸಿ ಹವೆಸಂದೇಶ
ನಿಯಂತ್ರಣ, ಸಂಚಾರಿ ನಿಯಂತ್ರಣ, ಸ್ವಚ್ಛತಾ ಕಾರ್ಯದ ಯೋಜನೆ ಬೆಂಕಿ ಬಿದ್ದು ನಾಶವಾಗಿದ್ದ ಪ್ರದೇಶಗಳಲ್ಲಿ ಸುಮಾರು 2000 ಕೆ.ಜಿ ವಿವಿಧ ಜಾತಿಯ
ವೀಳುಗಳನ್ನು ಬಿತ್ತನೆ ಮಾಡಿ ಪ್ರಕೃತಿ ರಕ್ಷಣಾ ಕಾರ್ಯದಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ ಭಾಗವಹಿಸಿ ಅತ್ಯುತ್ತಮವಾಗಿ ಸಹಕರಿಸಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸಿದ್ದರಿಂದ ಅರಣ್ಯ
ಇಲಾಖೆ ಪಡೆಯಿಂದ ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ.

ನಿಮ್ಮ ಸಹಕಾರ ಇನ್ನೂ ಮುಂದುವರಿದು ಹೋಗಿ ಇರಲಿ ಎಂದು ಆಶಿಸುವ

“ಅರಣ್ಯ ಇಲಾಖೆ”

ವಜ್ರಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳು,
ಗೋಪಾಲಸ್ವಾಮಿಬೆಟ್ಟ ಪಾಲಯ
ಮೇಲುಕಾಪುರದಲ್ಲಿ



S.K. Veerasha
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.

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REPORT

Name of the Department /Committee	P.E.S. College of Science, Arts & Commerce Bharath Scouts & Guides - P.E.S. Mandya Rovers Crew		
Co-ordination	Ksheerasagara Mitra Koota, Keelara		
Title of the Program	Pond cleaning Program		
Date	23-11-2019	Time / Days	01 Day
Venue	Near Mahadeshwara Temple, Keelara		
Objectives	<ul style="list-style-type: none">❖ Cleaning of Antique Angels❖ Protection of water resources❖ Making people aware of water conservation		
Number of staff participated	01	Number of students Participated / benefitted	14
Outcomes	<ul style="list-style-type: none">➤ Creation of water cells➤ The people of the village are taking advantage of this		
Details of the Organizing Committee	Asst. Rover Leader Nandeesh Kumara M.S.		
Any other relevant information	<ul style="list-style-type: none">▪ Grown flowers and vegetables were given free of charge to teachers and Non teaching staffs.▪ Vegetables have been used for college ceremonies.		


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P.E.S. Mandya Rovers Crew
Pond Cleaning Program
23-11-2019
List of participated students

Participations List		
Sl.No	Name	Class
1.	Likith C.R	3 rd B.Sc.
2.	Shashi S.K	3 rd B.Com
3.	Madhan C.S	2 nd B.Sc
4.	Adarsha H R	2 nd B.Sc
5.	Sudeep T.M	2 nd B.Com
6.	Yadhunandan H.S	2 nd B.Com
7.	Mahamad Vasim Pasha	2 nd B.Com
8.	Lokesha G	2 nd B.A
9.	Ranjan Kumar	1 st B.Sc
10.	Nagendramurthy N.D	1 st B.Sc
11.	Mahesh Gowda N	1 st B.A
12.	Ajaykumar N	1 st B.A
13.	Mahesh M	1 st B.A
14.	Raveesh Gowda B.C	1 st B.Com


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Relevant Photo
Pond Cleaning Program



Appreciation Letter from the Neharu Yuvakendra,
District Scouts & Guides Organization
Ksheerasagara Mitrakoota

	<p>ಭಾರತ ಸರ್ಕಾರ ಯುವ ಕಾರ್ಯ ಹಾಗೂ ಶ್ರೀದಾ ಸಚಿವಾಲಯ ನೆಹರು ಯುವ ಕೇಂದ್ರ, ಮಂಡ್ಯ ಭಾರತ್ ಸ್ಕೌಟ್ಸ್ ಮತ್ತು ಗೈಡ್ಸ್ ಜಿಲ್ಲಾ ಸಂಸ್ಥೆ, ಮಂಡ್ಯ ಕ್ಷೀರಸಾಗರ ಮಿತ್ರಕೂಟ (ರಿ), ಕೀಲಾರ</p>	
<p>“ಸ್ವಚ್ಛ ಭಾರತ್ ಅಂಗವಾಗಿ ಶ್ರಮದಾನ ಶಿಬಿರ”</p>		
		
<p>ದಿನಾಂಕ : 23-11-2019ರಂದು ಮಂಡ್ಯ ತಾಲ್ಲೂಕು ಕೀಲಾರ ಗ್ರಾಮದ ಶ್ರೀ ಮಹದೇವ್ವರಸ್ವಾಮಿ ದೇವಸ್ಥಾನದ ಕಲ್ಯಾಣಿ ಸ್ವಚ್ಛತಾ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಕು/ಶ್ರೀ/ಶ್ರೀಮತಿ...ಸಿ...ಇ...ಎಸ್...ಮಂಡ್ಯ... ...ರವರು ಭಾಗವಹಿಸಿ, ತಮ್ಮ ಅಮೂಲ್ಯ ಸೇವೆಯನ್ನು ಸಲ್ಲಿಸಿದ್ದಕ್ಕಾಗಿ ಅಭಿನಂದಿಸುತ್ತೇವೆ.</p>		
<p> (ಕೆ. ಜಯಶಂಕರ) ಆಧ್ಯಕ್ಷರು, ಕ್ಷೀರಸಾಗರ ಮಿತ್ರಕೂಟ (ರಿ), ಕೀಲಾರ</p>	<p> (ಬಿ. ವರದಚಾರಿ) ಜಿಲ್ಲಾ ಮುಖ್ಯ ಆಯುಕ್ತರು ಭಾರತ್ ಸ್ಕೌಟ್ಸ್ ಮತ್ತು ಗೈಡ್ಸ್ ಜಿಲ್ಲಾ ಸಂಸ್ಥೆ, ಮಂಡ್ಯ</p>	<p> (ಅನಂತ್) ಜಿಲ್ಲಾ ಯುವಜನ ಸಮನ್ವಯಾಧಿಕಾರಿಗಳು ನೆಹರು ಯುವ ಕೇಂದ್ರ, ಮಂಡ್ಯ.</p>


S.K. Veeresha
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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers Crew		
Co - ordination	Forest Department		
Title of the Program	D - line Burning Program		
Date	29-12-2019 to 04-01-2020	Time / Days	06 days
Venue	Bandipura National Reserve Forest, Himavad Gopalaswamy temple, Bandipur		
Objectives	❖ To understand the importance of social responsibility ❖ To Protecting the forest from wildfire		
Number of staff participated	02	Number of students Participated / benefitted	24
Outcomes	➤ Forest protection from wildfire ➤ Preventing the spread of wildfire		
Details of the Organizing Committee	Rovers scouts leader Sri S.K.Veeresha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information	Appreciation letter is given by Forest Department.		


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P.E.S. Mandya Rovers Crew
D - Line Burning Program
29-12-2019 to 04-01-2020
List of participated students

Participations List		
Sl.No	Name	Class
1.	Likith C.R	3 rd B.Sc.
2.	Nithin Gowda C.N	3 rd B.Sc.
3.	Sumanth N.S	3 rd B.Sc
4.	Madhan C.S	2 nd B.Sc
5.	Gunavantha G	2 nd B.Com
6.	Sudeep T.M	2 nd B.Com
7.	Lokesha G	2 nd B.A
8.	Manjunatha D.N	2 nd B.A
9.	Mahesh Gowda N	1 st B.A
10.	Mahesh M	1 st B.A
11.	Nagesh B	1 st B.A
12.	Rajath K.A	1 st B.A
13.	Nagendramurthy N.D	1 st B.Sc
14.	Ajaykumar N	1 st B.A
15.	Chandana M	1 st B.A
16.	Yogesh M.P	1 st B,A
17.	Prajwal V.P	1 st B.Sc
18.	Panchakshari Aradya	1 st B.Sc`
19.	Kiran P.S	1 st B.Sc
20.	Sumanth K	1 st B.Sc
21.	Dinesh K	1 st B.Sc
22.	Harish M.R	1 st B.Sc
23.	Sujan A.N	1 st B.Sc
24.	Raveesh Gowda B.C	1 st B.Com


Rovers Scouts Leader
Rovers Scout Leader
P.E.S.S.A.&C.College, Mandya.


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Arts & Commerce, MANDYA.

Relevant Photos
D - Line Burning Program



Appreciation Letter from the Forest Department

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ

ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ




“ಅಭಿನಂದನಾ ಪತ್ರ”

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ, ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟ ವಲಯದಲ್ಲಿ ದಿನಾಂಕ 29-12-2019 ರಿಂದ 04-01-2020 ರ ವರೆಗೆ ಪಿ.ಇ.ಎಸ್ ವಿಜ್ಞಾನ, ಕಲಾ ಮತ್ತು ವ್ಯಾಪಾರ್ಯ ಕಾಲೇಜಿನ ಪಿ.ಇ.ಎಸ್ ಮಂಡ್ಯ ರೋವರ್ಸ್ ಕ್ರೀಡಾಂಶ 24 ಮಂದಿ ರೋವರ್ಸ್‌ಗಳು ಮತ್ತು 10 ಮಂದಿ ಸೀನಿಯರ್ ರೋವರ್ಸ್‌ಗಳು ಹಾಗೂ ಸಹಾಯಕ ರೋವರ್ಸ್ ಲೀಡರ್ ಎಂ.ಎಸ್ ನಂದೀಶ್‌ಕುಮಾರ್ ರವರು, ರೋವರ್ಸ್ ಲೀಡರ್ ಪ್ರೊ. ಎಸ್. ಕೆ ವೀರೇಶ್ ರವರ, ನಿರ್ದೇಶನದಲ್ಲಿ ಆಗಮಿಸಿ ‘ಡಿ-ಲ್ಯಾಸ್ ಬರ್ನಿಂಗ್’ ಕಾರ್ಯದಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ ಭಾಗವಹಿಸಿ ಅತ್ಯುತ್ತಮವಾಗಿ ಸಹಕರಿಸಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸಿದ್ದರಿಂದ ಅರಣ್ಯ ಇಲಾಖೆ ವತಿಯಿಂದ ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ.

ನಿಮ್ಮ ಸಹಕಾರ ಇನ್ನೂ ಮುಂದುವರೂ ಹೀಗೆ ಇರಲಿ ಎಂದು ಅಶಿಸುಪ

“ಅರಣ್ಯ ಇಲಾಖೆ”


ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳು,
ಗೋಪಾಲಸ್ವಾಮಿಬೆಟ್ಟ ವಲಯ
ಮೇಲುಕಾಡುನಹಳ್ಳಿ




S.K. Veerasha
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REPORT

Name of the Department / Committee	National Service Scheme (NSS)		
Co - ordination	P.E.S. College of Science, Arts & Commerce, & Red Cross Mandya		
Title of the Program	NSS Annual Special camp& Health checkup camp		
Date	11-02-2020 to 17-02-2020	Time / Days	07 days
Venue	Kothatti Village, Mandya T & District		
Objectives	<ul style="list-style-type: none">❖ Young People towards Science❖ For the upliftment of villages❖ About increasing the vision of health among the rural❖ It is about removing the silliness of the rural people.		
Number of staff participated	03	Number of students Participated / benefitted	97
Outcomes	<ul style="list-style-type: none">➤ There is a flow of cleanliness in the villages.➤ Health checks have been made and utilized.		
Details of the Organizing Committee	NSS Program officers Sri Nilakanta & Sri S.H. Mariyaiah Asst. NSS Program officer Sri Mahesh Kumar K.M.		

NSS Program officer


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Participation Students List
NSS Annual Special camp & Health checkup camp

Annual special camping programme participants List

College Address: P.E.S. COLLEGE OF SCIENCE, ARTS & COMMERCE, MANDYA

Camp Place: KOTHATHI VILLAGE, MANDYA TO

Date : 11.02.2020 TO 17.02.2020

Sl. No.	Volunteers / Programme Officers Name	Class	Caste	Volunteers Signature
P.E.S. COLLEGE OF SCIENCE, ARTS & COMMERCE, MANDYA				
01	Pooja A. G	III BCOM	IIA	Pooja A. G
02	Kavana K. S	III BCOM	IIA	Kavana K. S
03	Manisha M. D	III BCOM	II B	Manisha M. D
04	Keshavamurthy D. H	III BCOM	IIA	Keshava murthy D. H
05	Nisarga P	III BCOM	IIA	Nisarga P
06	Shilpaakshree K	III BCOM	IIA	Shilpa k.
07	Sahana H. M	III BCOM	II B	Sahana H. M
08	Sindhu B	III BCOM	IIA	Sindhu B
09	Pallavi K	III BCOM	IIA	Pallavi K.
10	Madhusudhangada M. C	III BSC	IIA	Madhusudhangada M. C
11	Bharath Kumar. B	III BSC	IIA	Bharath Kumar. B
12	Deepika H. N	III BSC	IIA	Deepika H. N
13	Anitha	III BSC	II B	Anitha
14	Mohangouda M. F	III BSC	IIA	Mohangouda M. F
15	Nirupama M. J	III BSC	IIA	Nirupama M. J
16	Shivraj H. S	III BA	II B	Shivraj H. S
17	Hemant C. N	III BA	IIA	Hemant C. N
18	Thejaswini B. S	III BA	II B	Thejaswini B. S
19	Manoj	III BA	IIA	Manoj
20	Ranjitha K. M	III BA	IIA	Ranjitha K. M
21	Mahesha E	III BA	IIA	Mahesha E
22	Vijaykumar. S	III BA	IIA	Vijaykumar. S
23	Amulya P. C	III BA	IIA	Amulya P. C
24	Chethankumar M. R	III BA	IIA	Chethankumar M. R
25	Sachin M. S	III BA	SC	Sachin M. S
26	Manjula N	III BA	SC	Manjula N
27	Dinesh V	III BA	IIA	Dinesh V
28	Anushree P	III BA	ST	Anushree P
29	Krishnagouda. S	II BCOM	IIA	Krishnagouda S
30	Rakshit R. B	II BCOM	IIA	Rakshit R. B
31	Madhusa K. P	II BCOM	IIA	Madhusa K. P


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32	sonika. k. c	II Bcom	2A	Sonika k.c
33	Hanshiltha K.C	II Bcom	3A	Hanshiltha K.C
34	sparathi. H.R	II Bcom	3A	Sparathi H.R
35	nisha. N	II Bcom	3A	Nisha N
36	epish. s	II Bcom	2A	Epish s
37	Divyashree B.S	II Bcom	SC	Divyashree B.S
38	Deekshitha M	II Bcom	II B	Deekshitha M
39	Chandana L	II Bcom	ST	Chandana L
40	Praveena T.V	II Bcom	ST	Praveena T.V
41	vandana. k.s	II Bsc	3A	Vandana k.s
42	abhishek Gowda. L	II Bsc	3A	Abhishek Gowda L
43	Hithesh M.R	II Bsc	3A	Hithesh M.R
44	kavya. B.S	II Bsc	3A	Kavya B.S
45	Surakshitha P.R	II Bsc	3A	Surakshitha P.R
46	Anjali. S.M	II Bsc	3A	Anjali S.M
47	arveditha. M.C	II Bsc	3A	Arveditha M.C
48	sandeep kumar H.F	II Bsc	3A	Sandeep Kumar H.F
49	Subas. H.C	II Bsc	2A	Subas H.C
50	Anpitha. K.P	II Bsc	2A	Anpitha K.P
51	shrayya. M.S	II Bsc	3A	Shrayya M.S
52	sahana B.N	II Bsc	2A	Sahana B.N
53	Mahendra I.S	II BA	3A	Mahendra I.S
54	Anini N	II Bsc	2B	Anini N
55	Vaishini	II Bcom	3A	Vaishini
56	Shanil Gowda M.S	II BA	SC	Shanil Gowda M.S
57	Madhukumar C.N	II BA	ST	Madhukumar C.N
58	Sumanth C.S	II BA	2A	Sumanth C.S
59	Muthukumar	II BA	SC	Muthukumar
60	Manjunatha D.N	II BA	SC	Manjunatha D.N
61	vijayalakshmi	II BA	3A	Vijayalakshmi
62	Vivek K.R	II BA	2A	Vivek K.R
63	Poojashree D.V	II BBA	2B	Poojashree D.V
64	Darshan S.M	I BBA	3A	Darshan S.M
65	Ajith Gowda H.N	I BBA	SC	Ajith Gowda H.N
66	Hanshiltha G.S	II BBA	ST	Hanshiltha G.S
67	shelva. G.L	I BBA	2A	Shelva G.L
68	keerthana	I Bcom	3A	Keerthana
69	Anusha A.R	I Bcom	SC	Anusha A.R
70	Ravish Gowda B.C	I Bcom	ST	Ravish Gowda B.C
71	vanith kumar. B.K	I Bcom	3A	Vanith Kumar B.K



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Arts & Commerce, MANDYA.

72	keenthi . m . c	I BCOM	3A	Keenthi . m . c
73	megharaj . P	I BCOM	2A	Megharaj . P
74	dhanya Rani . S . T	I BCOM	3A	Dhanya Rani . S . T
75	madhushree . R	I BCOM	3A	Madhushree . R
76	sachin . H . V	I BCOM	SC	Sachin . H . V
77	niranjan . C . N	I BCOM	ST	Niranjan . C . N
78	Jayashankar kumar	I BA	2A	Jayashankar kumar
79	Anusha . K . P	I BA	SC	Anusha . K . P
80	Arun kumar . K . C	I BA	2A	Arun kumar . K . C
81	abhishek . D . S	I BA	2A	Abhishek . D . S
82	kiran . P . S	I BSC	ST	Kiran . P . S
83	Prashanth . R . K	I BA	3A	Prashanth . R . K
84	Shivraj . A . P	I BBA	2A	Shivraj . A . P
85	chandrasekar . K	I BA	3B	Chandrasekar . K
86	Bhoomika . M . H	I BA	3A	Bhoomika . M . H
87	karthik . N	I BA	3A	Karthik . N
88	Pragwal . K	I BA	3A	Pragwal . K
89	sulak . P . S	I BA	3A	Sulak . P . S
90	Sahana . K	I BA	3A	Sahana . K
91	naveen . K . S	I BA	3A	Naveen . K . S
92	nagesha . B	I BA	3A	Nagesha . B
93	santhosh . K . N	I BA	2A	Santhosh . K . N
94	pruthvikumar . H . S	I BA	3A	Pruthvikumar . H . S
95	Hemant . S . M	I BA	2A	Hemant . S . M
96	Madhu . H . B	I BA	SC	Madhu . H . B
97	Rohanth . R	I BA	3A	Rohanth . R
98	Neelakanda	P . O	ST	Neelakanda
99				
100				

CAMP CO-ORDINATOR

[Signature]
Camp Co-ordinator
P.E.S. College of Science,
Arts & Commerce, MANDYA.

[Signature] PRINCIPAL

Principal 5/5/2021

P.E.S. College of Science,
Arts & Commerce, MANDYA.

[Signature]
Principal

P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos of
NSS Annual Special camp & Health Checkup Camp





Dr.C.R. Raju M.Sc., Ph.D,
Principal

People's Education Trust (R), Mandya
P.E.S. College of Science, Arts & Commerce, Mandya.

M.C. Road, Mandya, Karnataka - 571 401

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REPORT

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers		
Co – ordination	Kshira Sagara Mitrakoota, Keelara,. Mandya Youth Red Cross		
Title of the Program	World environment plantation program & Plant Distribution of P.E.S. PU College		
Date	05-06-2020	Time / Days	01 days
Venue	Keelara Village, Mandya P.E.S. P.U. College, Mandya		
Objectives	<ul style="list-style-type: none">❖ To understand the importance of social responsibility❖ To preserve nature❖ To convey the necessity of nature to the youth		
Number of staff participated	02	Number of students Participated / benefitted	08
Outcomes	<ul style="list-style-type: none">➤ To protect the nature➤ Students have built a green forest near their home & Agricultural Area		
Details of the Organizing Committee	Rovers scouts leader Sri S.K.Veeresha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information			


S.K. Veeresha
Rovers Scouts Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.



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P.E.S. Mandya Rovers Crew
World Environment Plantation Program & Plant Distribution of P.E.S. PU College
05-06-2020
List of participated students

Participations List		
Sl.No	Name	Class
1.	Roopesh Kumara	Senior Rover
2.	Adarsha H.R	2 nd B.Sc
3.	Yadhunandan H.S	2 nd B.Com
4.	Madan C.S	2 nd B.Sc
5.	Mahammed Vasim Pasha	2 nd B.Com
6.	Raveesh Gowda B.C	1 st B.Com
7.	Chandana M	1 st B.A
8.	Bharath M	1 st B.Sc


S.K. Veerasha
Rovers Scouts Leader
P.E.S.S.A.&C.College, Mandya.


Principal
P.E.S. College of Science
Arts & Commerce, MANDYA.

Relevant Photos
World Environment Plantation Program

