

# GREEN AUDIT REPORT

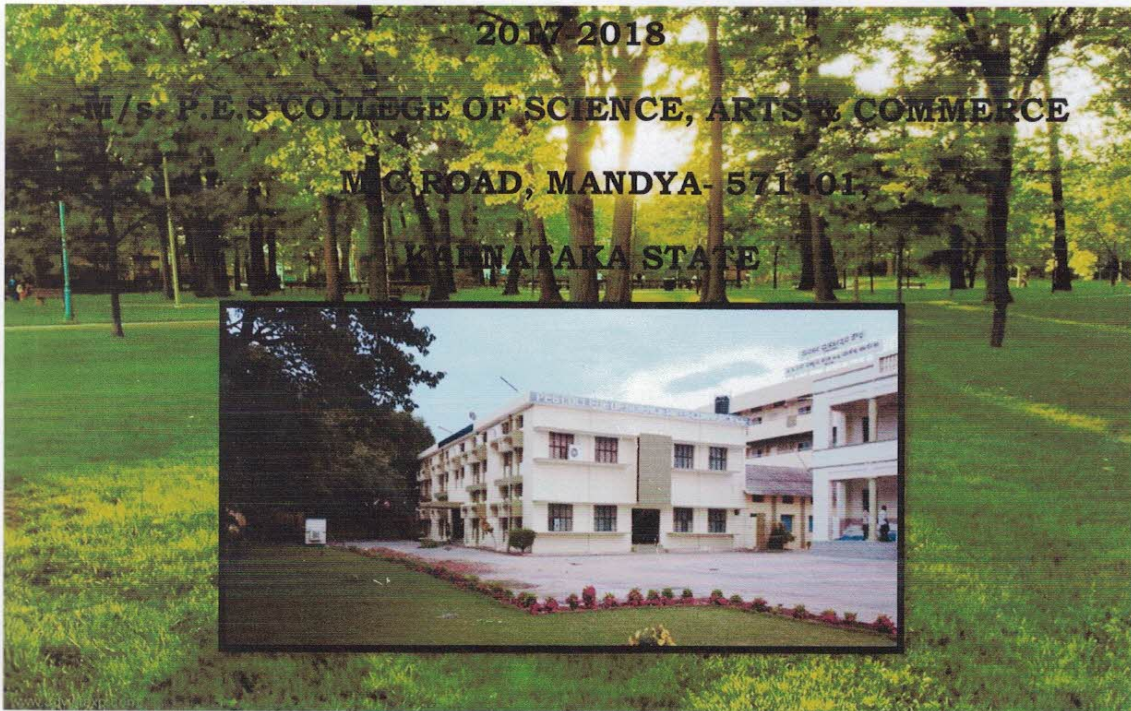


2017-2018

M/s. P.E.S. COLLEGE OF SCIENCE, ARTS & COMMERCE

M.C. ROAD, MANDYA- 571401,

KARNATAKA STATE



**Prepared By,**

**M/s. ENVIRO ENGINEERING SOLUTIONS**

Thrupthi Nilaya, 8<sup>th</sup> Cross, Leelavathi Extension,

Maddur, Karnataka -571428



## CERTIFICATE

**M/s .Enviro Engineering Solutions, Thrupthi Nilaya, 8<sup>th</sup> Cross, Leelavathi Extension, Maddur, Karnataka -571428, has carried out Green Audit for P.E.S College of Science, Arts & Commerce, M C Road, Mandya, 571404, Karnataka State during January, 2018.**

**Date: 23 .1.2018**

**Place: Maddur**

**For Enviro Engineering Solutions**  
*Puneeth . G. M*  
**Authorized Signatory**



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## 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 protection of environment. Before initiating action to mitigate the problems, there is 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 environmental concerned and has intention to make the campus eco-friendly. In order achieve 'The Green Campus', the auditing work was taken up. Before taking up the work lot of preparatory work was carried out and methodologies developed.

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



## 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 late Sri K.V. Shankaregowda, former Education Minister of Government of Karnataka., an educationist, politician, artist, entrepreneur and a social worker. At present Dr. H.D.Chowdaiah, former Member of Legislative Assembly and council, a well known educationist and a pioneer in the field of Co-operative, is the Chairman of the Trust. . The college is housed at present in an area of 18.02 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. Shankaragowda 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 Crores to create facilities for examination centre 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	Shri. Dr. Anil Kumar H, Principal
4	Telephone No	08232-220252
5	Mail ID	<a href="mailto:pessac.mandya@gmail.com">pessac.mandya@gmail.com</a>
6	Website	<a href="http://www.pesdegreecollegemandya.edu.in">www.pesdegreecollegemandya.edu.in</a>
7	Total Area in Sq. feet	786573
8	Green Built Area, Sq feet	259569
9	No of Staff	88
10	No of Students	1770
11	Type of courses run by college	1. Science- B.Sc-PCM, PCM's, CBZ, M.Sc (Mathematics) 2. Arts-B.A- HEP,HES,HEE,HSK,HKF,HPF 3. Commerce- B.Com, M.Com 4. Management- B.B.A
12	Source of Water	Borewell



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

### 3. INFRASTRUCTURE FACILITIES

1	Total land available (in acres)	18.02
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.	<ol style="list-style-type: none"><li>1. Cricket stadium (Turf)</li><li>2. Swimming pool</li><li>3. Indoor facilities<ol style="list-style-type: none"><li>a) Shuttle Badminton Court (Wooden) =4</li><li>b) Multi Gym = Men</li><li>c) Multi Gym = Women</li></ol></li><li>4. Volley ball court with flood light = 2 court</li><li>5. Tennis court – Synthetic 3, Clay 1 flood light</li><li>6. Basket ball with flood light</li><li>7. Kho-Kho court with flood light</li><li>8. Ball badminton court</li><li>9. Kabaddi court</li><li>10. Foot ball field</li></ol>
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#### **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 enrolment 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 2017-2018 by M/s. Enviro Engineering Solutions to identify green practices being followed, identify the gaps and to make recommendations.

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



## 6. APPLICABILITY OF ENVIRONMENT REGULATIONS

### a) Environmental Legislations

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 Rule	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 Tran boundary movement) Rules,2016	Applicable
6	The manufacture, storage and import of hazardous chemicals Rules, 2000	Not Applicable
7	The Chemical accidents (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 (Regulations and control) Rules,2010	Applicable
13	The Batteries (Management and Handling) Rules, 2011	Not Applicable



## 7. AUDIT FRAMEWORK

The following audit framework is used for conducting Green Audit;

Sl no	Audit Area	Audit Observations
1	<b>Water Consumption</b>	
	1. Source of water supply	Borewell
	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 145liters/capita/day	Total water consumption=24,650 liters/capita/day
	2. Girls Hostel(101 rooms, 2 No's in each Room); taking average consumption of 145 liters/capita/day	Total water consumption=29,290 liters/capita/day
	5. Non-residing Population( Difference of Total Population and Hostel Population); taking average consumption of 45 liters/capita/day	1486 No's Total water consumption=66,870 liters/capita/day
	6. Total water consumption of the campus( addition of Hostel consumption and Non-residing consumption)	1,20,810 liters/day
2	<b>Wastewater Generation</b>	
	1. Total wastewater generated from the campus(80% of total water consumption)	96,648 liters/day
	2. Wastewater discharge	Underground Drainage(UGD)
	3. Lab Effluent	100 liters; effluent is treated



		and then discharged to UGD line.
3	<b>Domestic Hazardous Waste</b>	Waste is generated from DG Set and from laboratories (negligible quantity).
4	<b>Solid waste</b>	
	<p><b>Under Solid waste Management Rules, 2016 institution is covered under the definition –“Bulk waste generator”</b></p> <p>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.</p>	
	Dry waste( office & classroom); Avg generation of 0.4 kg/day	743.2 Kg/day- collected by city corporation.
	Wet waste(Canteen & Hostel); Avg generation of 0.4 kg/day	858.8 Kg /day- sent to piggery.
5	<b>Air pollution</b>	Sources of air pollution - D.G. Set.

6	<b>E-Waste</b>  <b>Under E-waste Management Rules, 2016 institution is covered under the definition –“Bulk Consumer”</b> 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 (18 of
8	<b>Hazardous waste</b>  Used Oil is generated from DG Set; it is stored in a leak proof container in a scientific manner.
6	<b>Rain water harvesting</b>  The college has not yet implemented the rain water harvesting mechanism; it will be done in future academic year.
7	<b>Solar energy</b>  The college has not yet implemented the solar energy, it will be done in future academic year
8	<b>Environmental Policy</b>  Environmental policy is present
9	<b>Environmental awareness programs/conference/workshops</b>  The various programs conducted/attended by the

		<p>college are:</p> <ol style="list-style-type: none"><li>1. Emission Test Camp.</li><li>2. Plantation Program.</li><li>3. Awareness program to save water in Mandya City.</li><li>4. Celebrates World Environmental Day every year.</li><li>5. Green Marathon</li></ol>
10	<b>Waste Management</b>	<ol style="list-style-type: none"><li>1. Solid waste has been stored in different colored bins such as<ol style="list-style-type: none"><li>a. Green Colour – Biodegradable waste or wet waste</li><li>b. Blue Colour - Non-biodegradable Wastes” or the “Dry Waste</li></ol></li><li>2. Domestic Hazardous waste – stored in a separate bin in scientific manner</li><li>3. E-waste- stored in separate storage bin in</li></ol>



		<p>scientific manner</p> <p>4. Bio-medical Waste- stored in different bins with different colour such as;</p> <ul style="list-style-type: none"> <li>a. Black- non-infected waste</li> <li>b. Red-Soiled waste</li> <li>c. Blue-Infected plastics</li> <li>d. White- Sharps</li> </ul>
11	<b>College Achievements in line with Government</b>	<p>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.</p> <p>2. They are using Solar water heaters in hostels(boys &amp; girls) instead of electric energy</p>

		<p>3. RO water filter is installed in the campus.</p> <p>4. As per IS standards, the college have maintained 33.33% of Green Belt Area.</p> <p>5. The college is plastic, litter &amp; smoke free campus.</p>
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### 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 reduces water consumption such as, Aerators on taps used for hand washing, Installing water misers, Landscaping with drought-tolerant plants, Dual flush toilets, Leak detection technology, Recycling rooftop rainwater, Rooftop vegetation, Hand sanitizers.	Yes, the college is positive in installing rain water harvesting mechanism 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 an efficient and hygienic water storage mechanism to minimize the loss of water during storage.	The college will include a leak management program to minimize the real losses of water during storage.
		Minimize the wastage of water, if RO filter are used and regular service to be done.	RO Filters are yet to be implemented of 25 liters capacity in each floor of the new building.
		Install water recycling mechanism i.e., rain water harvesting system.	The college will implement the Rain water Harvesting system in future academic year.
2	Minimize the use of chemical pollutants and Hazardous waste	Ensure that all cleaning products used by college have minimal detrimental impact on environment	Negligible amount of washing liquids are used in college and all toilet cleaners are eco-friendly.
		Minimize the use of fertilizers and pesticides in college grounds, opting for the use of compost	Negligible amount 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 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.
		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.

3	Minimize Air pollution in the campus	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 sources are periodically done and maintained.
		Is the Ambient Air Quality (AAQ) Monitoring within the National Ambient Air Quality (NAAQ) Standards.	Yes, AAQ are within the NAAQ Standards.
4	Ensure that environmental awareness is created	Conduct environmental awareness workshops as a part of program.	Yes the college conducts such programs.
		Conduct events such as plant trees to spread environmental awareness among the students.	Have an active club to conduct events.
		Promote environmental awareness as a part of course works in various curricular areas, independent research projects.	Yes, the college has an Environmental Science subject, wherein the 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. Implement Rainwater Harvesting System to minimize fresh water consumption.
2. Installation of Sewage Treatment Plant of 100 KLD capacity to treat the wastewater and use the treated water sludge from for gardening purpose, toilet flushing, and for primary washing. The sludge generated from the STP can be used as a fertilizer for garden.
3. Cut down electricity consumption in computer lab by providing natural ventilation.
4. 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 whole campus it can save electricity.
5. Plantation of Plants and trees in the campus has to be increased to neutralize the carbon credit in the campus.
6. Engage a Green/Maintenance Officer to look over environmental issues and create environmental awareness in the campus.
7. There is necessity to have more 'D' Group Employees to look over the whole campus.
8. Any new Construction of building shall be on Green building concept by efficient use of resource and reducing waste.
9. Use electronic mail instead of making hard copies for communications.
10. As per regulations. Numbers of toilets are very poor; provide toilets at every floor in upcoming new building.

## **10. CONCLUSION**

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



# ENERGY AUDIT



**2017-18**

**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, 8<sup>th</sup> Cross, Leelavathi Extension,  
Maddur, Karnataka - 571428.



## CERTIFICATE

**M/s. Enviro Engineering Solutions, Thrupthi Nilaya, 8<sup>th</sup> 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 January, 2018.**

Date: 23.01.2018

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.**

**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**

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

## **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**

**$= 31\text{w} \times 8 \text{ hours} \times 250 \text{ days}' \times 197 \text{ nos} = 12214 \text{ units}$**

**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**

**2)Cost benefit;**

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

**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**

<b>NAME</b>	<b>PES COLLEGE OF SCIENCE, ARTS &amp; COMMERCE COLLEGE, MANDYA</b>
<b>CATEGORY</b>	<b>AIDED EDUCATIONAL INSTITUTION</b>
<b>CONTACT DEMAND</b>	<b>72.87KW + 0 HP</b>
<b>TARIFF</b>	<b>S-9456</b>
<b>TYPE OF SUPPLY</b>	<b>LT 440V /3PH</b>
<b>TRANSFORMER</b>	<b>100KVA / DEDICATED/</b>
<b>INPUT TO TRANSFORMER</b>	<b>11KV ,3ph</b>
<b>T.C. LOCATION</b>	<b>INSIDE CONSUMER PREMISES</b>
<b>RRNO</b>	<b>S-9456</b>
<b>AVGMD</b>	<b>30KVA</b>
<b>ENERGY CHARGES</b>	<b>RS 7.95 + TAX</b>
<b>FIXED CHARGES</b>	<b>RS 65/- PER KW</b>
<b>NORMAL CONSUMPTION</b>	<b>22152 UNITS PER ANNUM</b>
<b>AMOUNT SPENT ON ELECTRICITY</b>	<b>166140/- LAKHS Rs. Per annum</b>
<b>SUB METERING</b>	<b>YES -FOR ATM</b>

**OTHER MAJOR SOURCES OF ENERGY**

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



# Beyond the Campus

## Environmental promotion and sustainability activities



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


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


Dr. H. Anilkumar M.A., Ph.D.,  
Principal

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

**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	03-01-2018 to 09-01-2018	Time / Days	07 days
Venue	Kannali village, Mandya.		
Objectives	<ul style="list-style-type: none"><li>❖ Repair of village roads</li><li>❖ Removal of angled silt</li><li>❖ Personality Evolution program</li><li>❖ Awareness of infectious Diseases through short farce</li></ul>		
Number of staff participated	02	Number of students Participated / benefitted	95
Outcomes	<ul style="list-style-type: none"><li>➤ There is a flow of cleanliness in the villages.</li><li>➤ Ground water level is increased due to the cleanliness of the cells.</li></ul>		
Details of the Organizing Committee	NSS program officers Sri Nilakanta & Sri S.H. Mariyayya Asst. NSS program officer Sri Sudharshan & Kum. Vinutha G.B.		

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

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



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

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**National Service Scheme**  
**Annual Special camp & Health checkup camp**  
**03-01-2018 to 09-01-2018**  
**List of participated students**

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಯೋಜನೆ

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

ವಾರ್ಷಿಕ ವಿಶೇಷ ಪ್ರಮದಾನ ಶಿಬಿರ-2017-18

ಹಣ ಸಂದಾಯ ರಶೀದಿ

ಸ್ಥಳ: ಕನ್ನಡಿ ಗ್ರಾಮ

ದಿನಾಂಕ: 03.01.2018

ದಿನಾಂಕ 03.01.2018 ರಿಂದ 09.01.2018 ರವರೆಗೆ ಪಿ.ಇ.ಎಸ್.ವಿಜ್ಞಾನ, ಕಲಾ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು, ಮಂಡ್ಯ ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಯೋಜನೆಯ ಘಟಕದ ವತಿಯಿಂದ ಮಂಡ್ಯ ಜಿಲ್ಲೆ ಮತ್ತು ಮಂಡ್ಯ ತಾಲ್ಲೂಕು, ಕನ್ನಡಿ ಗ್ರಾಮ, ಕಸಬಾ ಹೋಬಳಿಯಲ್ಲಿ ನಡೆದ 2017-18ನೇ ರಾ.ಸೇ.ಯೋ. ವಾರ್ಷಿಕ ವಿಶೇಷ ಪ್ರಮದಾನ ಶಿಬಿರದಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದು, ಪ್ರತಿನಿತ್ಯ ಬೆಳಿಗ್ಗೆ ಕಾಫಿ, ತಿಂಡಿ, ಮಧ್ಯಾಹ್ನದ ಊಟ, ಸಂಜೆ ಕಾಫಿ ಹಾಗೂ ರಾತ್ರಿ ಊಟದ ಬಾಬಿಗಾಗಿ ದಿನವೊಂದಕ್ಕೆ ಹೆಚ್ಚುವರಿಯಾಗಿ ರೂ.20=00 ಗಳಂತೆ ಪ್ರಾಂಶುಪಾಲರು, ಪಿ.ಇ.ಎಸ್.ವಿಜ್ಞಾನ, ಕಲಾ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು, ಮಂಡ್ಯ ಇವರಿಂದ ನಗದಾಗಿ ಪಡೆದಿರುತ್ತೇವೆ. ಹಣ ಪಡೆದವರ ವಿವರ ಈ ಕೆಳಕಂಡಂತಿದೆ.

ಕ್ರ.ಸಂ	ಶಿಬಿರಾರ್ಥಿಗಳ/ಶಿಬಿರಾಧಿಕಾರಿಗಳ ಹೆಸರು	ತರಗತಿ	ಮೊಬಲಗು ತಲಾ ರೂ. 200=00 ಗಳು	ಹಣ ಪಡೆದವರ ಸಹಿ
01	ಕೊಪ್ಪೇಕ ಕುಮಾರ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Uppiah Kumar
02	ನಾಗರಾಜು ಎಸ್.ಶಿರ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	N. In S. S.
03	ಶ್ರೀನಿವಾಸು ಎಸ್.ಜಿ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	S. S. S. S.
04	ಮುತ್ತು ಕೆ.ಎಸ್	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Sushma. K.
05	ವಿಂಥು ಎಂ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Vinodh. M.
06	ಅಮಲ್ಯಾ ಎಂ.ಜಿ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Amulya. M.
07	ಅರಂಜನ ಗೌಡ ಎಸ್	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Arundhan
08	ಅಶ್ವಿನಾಥ್ ಎಂ.ಎ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Ashilastan
09	ದಿವ್ಯಾ.ಯು.ಎಸ್	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Divya. U. S.
10	ಶಿವಾನಂದ ಎಚ್.ಜಿ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Shivananda
11	ಶಿವಾನಂದ ಕುಮಾರ ಜಿ.ಕೆ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Anandakumar. K.
12	ನಂದನ ಕುಮಾರ.ಇ	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Nandana Kumar. E.
13	ಅನಂಪರಾಜು ಎಂ.ಯು	ಪ್ರತಿಭಾಶೀಲಿ	20=00	Anandapara. M.

*(Signature)*  
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15	ಮಧುಕ್ರ ಎ.ಎಸ್	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Madhughe P. C.
16	ವಿನಯ ಕುಮಾರ್.ಎಸ್.ಎಸ್	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Vinay S. N.
17	ಯಶವಂತ.ಎ	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Yashwant. E.
18	ಪ್ರಭು ಎ.ಎಸ್	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Prabhu B. S.
19	ನಾಗರ ಎಸ್	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Nagore. S.
20	ಕಿರಣ್ ಸಿ.ಕೆ	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Kiran. C. K.
21	ಮೇಘನ. ಎಸ್	ಕೃತಿಯ ಎಚ್.ಎಂ	20=00	Meghana. S.
22	ತಮನ್ ಶಿರದೇವ್	ದ್ವಿತೀಯ ಎ.ಎ	20=00	TAMANNA P. DODK
23	ಮನೋಹರ್	ದ್ವಿತೀಯ ಎ.ಎ	20=00	Tanoj.
24	ಸುಜಾತ ಎ.ಎಸ್	ದ್ವಿತೀಯ ಎ.ಎ	20=00	Sujatha. N.
25	ಜ್ಯೋತಿ ಎ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Jyothi. N.
26	ಪೂಜಾ ಸಿ.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Pooja. C. S.
27	ಮೇಘನಾ ಎಸ್.ಎಸ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Meghana. H. N.
28	ಅಕ್ಷನಿ ಎಚ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Ashwini. B. B.
29	ಕಾವ್ಯ.ಕೆ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Kavya. V.
30	ಸಾಹಿನ್ ಎ.ಎಸ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Sahin. V. S.
31	ಸಂದೀಪ್.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Sandeep. C.
32	ನವೀನ್ ಕುಮಾರ್.ಎಚ್.ಎಚ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Naveenkumar. R.
33	ಲಲಿತ ಸಾಧಿ ಜ.ಎ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Lalithagonda. J. S.
34	ಸಂಜಯ್ ಕುಮಾರ್ ಡಿ.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Sanjay Kumar. D.
35	ಅನಂದ ಎಂ.ಆರ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Anand. M. R.
36	ರಶ್ಮಿ.ಎ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Rashmi. E.
37	ಸಚಿನ್ ಮೋಹನ ಸಿ.ಎಸ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Sachin. M. S.
38	ಜಯರತ್ನ.ವಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Jayarath. V.
39	ಮನೋಹರ್. ಎ.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	M. Manohar. A. S.
40	ರಶ್ಮಿ. ಎಸ್	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Rashmi. E. S.
41	ಸುನಾಮ ಜಿ.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Sunam. G. S.
42	ಅನುಕ್ರ. ಎಂ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Anukr. E. M.
43	ಕವಿತಾಣಿ ಜಿ.ಸಿ	ದ್ವಿತೀಯ ಎ.ಎಸ್	20=00	Kavitha. J. S.

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	ಅನನ್ಯ ಎ.ಎನ್	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Ananya B.L.
45	ಅನನ್ಯ ಎ.ನಾಡ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Ananya Nanda
46	ರಕ್ತಕುಂಜ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Rakshitha
47	ರೋಷ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Roja
48	ಲಕ್ಷ್ಮಿ ಬಿ.ಎನ್	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Lakshmi B.
49	ಮಧುಮಿತ.ಎ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Madhumitha
50	ಅಮೃತಾ ಬಾಬು ಕೆ.ಎನ್	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Amulya
51	ಭಾಗ್ಯಶ್ರೀ.ಡಿ.ಬಿ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Bhagyashree D.
52	ರಚನಾ ಜು.ಕೆ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Rachana K.
53	ಸಹನ ಕೆ.ಜೆ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Sahana K.
54	ಕಿರಣಿ ಜು.ಎಂ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Kiran H.N.
55	ನವೀನ್ ಜು.ಎನ್	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Naveen H.N.
56	ನಾಗಮಣಿ ಎಂ.ಕೆ	ದ್ವಿತೀಯ ಬಿ.ಕೂ	20=00	Nagmani H.K.
57	ಅನುಶ್ರ.ಬಿ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Anushree P.
58	ಸಂಕೋಷ್ ಕುಮಾರ ಕೆ.ಎನ್	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Sankosh Kumar K.
59	ಮನೋಜ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Manoj
60	ದಿನೇಶ.ಬಿ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Dinesha R.
61	ರಾಜು ಜು.ಎನ್	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Raju H.S.
62	ಮಣಿಕೆ ಜೆ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Maniketha
63	ಸಹನ ಎಂ.ಕೆ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Sahana M.
64	ಅನಿತಾ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Anitha
65	ಆಶಾ.ಎನ್	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Asha S.
66	ಗಗನ.ಎನ್	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Gagan S.
67	ಮೋಹನನಾಡ ಎಂ.ಕೆ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Mohan Nanda
68	ಕಪ್ಪೆ ಕವಿತಾ ಎಂ.ಡಿ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Kaptha K.
69	ಭರತಿ ಕುಮಾರ.ಬಿ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Bhara K.
70	ಮಧುಸೂಧನ ನಾಡ.ಎಂ.ಕೆ	ಪ್ರಥಮ ಬಿ.ಎ	20=00	Madhusudhana
71	ಭರತಾಪಿಕಾ ಪು.ಜೆ	ಪ್ರಥಮ ಬಿ.ಕೂ	20=00	Bharata
72	ಅನುಜಿತ	ಪ್ರಥಮ ಬಿ.ಕೂ	20=00	Anujita
73	ಅಶ್ವಿನಿ.ಡಿ	ಪ್ರಥಮ ಬಿ.ಕೂ	20=00	Ashwini

*Anubhava*

Principal

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75	ಪಲ್ಲವಿ.ಕೆ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Pallavi. k
76	ಪಿಕ್ಲೆಯರ್.ಕೆ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Pikluri. R
77	ರೂಪ.ಜಿ.ಎನ್	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Doopa. G. R
78	ನಿರ್ಗ.ಡಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Nirga. D
79	ನಿರುಪಮ ವಿಂಜಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	N. rupama. M
80	ಕವನ ಕೆ.ಎಸ್	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Kavana. K.S
81	ಮೋನಿಟ್ಟಿ ಎಂ.ಡಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Monitha. D
82	ಪ್ರಾಣಾ ಎ.ಜಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	pooja. A. G
83	ರಾಣಿ ಎನ್.ಎನ್	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Rani. S.S
84	ಕೆ.ಕೆ.ಎನ್.ಕೆ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Shashi. S.S
85	ಕಕೂರ ಕೆ.ಎಂ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	①
86	ಕೆ.ಕೆ.ಎನ್.ಎನ್.ಡಿ.ಎನ್	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Kephavamunth. S
87	ರತ್ನ.ಕೆ	ಬಿ.ಬಿ.ಎ	20=00	Rakhi. Th. K
88	ಸೂರ್ಯ. ಎ.ಎಸ್	ಪ್ರಥಮ ಬಿ.ಬಿ.ಎ	20=00	Campan. K. S
89	ಕಾರ್ತಿಕ ಎನ್.ಎಲ್	ಪ್ರಥಮ ಬಿ.ಬಿ.ಎ	20=00	Kan
90	ಸುಜಿತ ಕೆ.ಕೆ	ಪ್ರಥಮ ಬಿ.ಬಿ.ಎ	20=00	Sahin. K. R.
91	ಕರ್ತ ಕುಮಾರ್ ಚಕ್ರವರ್ತಿ	ಪ್ರಥಮ ಬಿ.ಬಿ.ಎ	20=00	Shalakh. H. R
92	ಬಸವರಾಜು. ಎಂ.ಕೆ.	ಪ್ರಥಮ ಬಿ.ಬಿ.ಎ	20=00	Bagaraj. M. K
93	ಮೊಗರು. ಡಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	ಗೋಪಾ
94	ಮುಂದು. ಎನ್. ಡಿ	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	manju
95	ಕಿರಣಿ. ಕೆ.ಎಸ್	ಪ್ರಥಮ ಬಿ.ಕಾಂ	20=00	Kiran. K.S.
96	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್	ಕೆಂಪು ಬಿ.ಬಿ.ಎ	20=00	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್
97	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್		20=00	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್
98	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್		20=00	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್
99	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್		20=00	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್
100	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್		20=00	ಎನ್.ಎಸ್.ಎಸ್.ಎಸ್.ಎಸ್

*[Signature]*  
Principal  
P.E.S. College of Science  
Arts & Commerce, MANDYA.

*[Signature]*  
Principal  
P.E.S. College of Science  
Arts & Commerce, MANDYA.

*[Signature]*  
Principal  
P.E.S. College of Science,  
Arts & Commerce, MANDYA.



**Relevant Photo**  
**NSS Annual Special camp & Health checkup camp**





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

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

Dr. H. Anilkumar M.A., Ph.D.  
Principal

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

**REPORT**

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers		
Co - ordination	Forest Department		
Title of the Program	D - line Burning Program		
Date	18-01-2018 to 22-01-2018	Time / Days	05 days
Venue	Bandipura National Reserve Forest, Himavad Gopalaswamy Temple, Bandipur		
Objectives	<ul style="list-style-type: none"><li>❖ To understand the importance of social responsibility</li><li>❖ To Protecting the forest from wildfire</li><li>❖ Encourage forestation</li></ul>		
Number of staff participated	01	Number of students Participated / benefitted	10
Outcomes	<ul style="list-style-type: none"><li>➤ Forest protection from wildfire</li><li>➤ Preventing the spread of wildfire</li></ul>		
Details of the Orgaizing Committee	Directed by Rovers scouts leader Sri S.K.Veerasha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information	Appreciation letter by Forest Department.		

  
**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. H. Anilkumar M.A., Ph.D.  
Principal

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

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P.E.S. Mandya Rovers crew

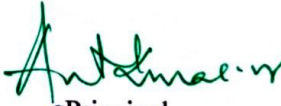
D-Line Burning Program

18-01-2018 to 22-01-2018

List of participated students

List of Participants		
Sl.No	Name	Class
1.	Kiran C.K	3 <sup>rd</sup> B.B.A.
2.	Roopesh kumara	3 <sup>rd</sup> B.A
3.	Sanjay N.D	2 <sup>nd</sup> B.Com
4.	Sachin B.R	2 <sup>nd</sup> B.Com
5.	Sujith V.N	2 <sup>nd</sup> B.Com
6.	Manoj	2 <sup>nd</sup> B.Com
7.	Ravinandan D.L	2 <sup>nd</sup> B.Com
8.	Prem H.M	1 <sup>st</sup> B.Com
9.	Shashi S.K	1 <sup>st</sup> B.Com
10.	Shashank A.B	1 <sup>st</sup> B.Com

  
**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**  
**D - Line Burning Program**





## Appreciation Letter from the Forest department




ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ



### **"ಅಭಿನಂದನಾ ಪತ್ರ"**

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟ ವಲಯದಲ್ಲಿ  
ದಿನಾಂಕ 18-01-2018 ರಿಂದ 22-01-2018ರ ವರೆಗೆ ಪಿ.ಇ.ಎಸ್.ವಿಜ್ಞಾನ  
ಕಲಾ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜಿನ "ಪಿ.ಇ.ಎಸ್.ಮಂಡ್ಯ ರೋವರ್ಸ್ ಕ್ರೀಡಾ ನ 10  
ಮಂದಿ ರೋವರ್ ಗಳು ಮತ್ತು 04 ಮಂದಿ ಸೀನಿಯರ್ ರೋವರ್ ಗಳು  
ರೋವರ್ಸ್ ಲೀಡರ್ ಪ್ರೊ.ಎಸ್.ಕೆ.ವೀರೇಶ್ ರವರ ನಿರ್ದೇಶನದಲ್ಲಿ ಆಗಮಿಸಿ  
'ಡಿ ಲೈನ್ ಬರ್ನಿಂಗ್' ಕಾರ್ಯದಲ್ಲಿ ಸಕ್ರಿಯವಾಗಿ ಭಾಗವಹಿಸಿ ಅತ್ಯುತ್ತಮವಾಗಿ  
ಸಹಕರಿಸಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸಿದ್ದರಿಂದ ಅರಣ್ಯ ಇಲಾಖೆ ವತಿಯಿಂದ  
ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ.




ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳು  
ಜಿ.ಎಸ್.ಬೆಟ್ಟ ವಲಯ, ಮೇಲುಕಾಡುನಹಳ್ಳಿ



ಸಹಾಯಕ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ  
ಬಂಡೀಪುರ ಉಪವಿಭಾಗ, ಬಂಡೀಪುರ

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

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



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

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

Dr. H. Anilkumar M.A., Ph.D,  
Principal

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

**REPORT**

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers		
Title of the Program	D - line Burning Program		
Date	26-01-2018 to 30-01-2018	Time / Days	05 days
Venue	Bandipura National Reserve Forest, Melukamanahally sector, Himavad Gopalaswamy Temple, Bandipur		
Objectives	❖ To understand the importance of social responsibility ❖ To Protecting the forest from wildfire		
Number of staff participated	01	Number of students Participated / benefitted	10
Outcomes	➤ Forest protection from wildfire ➤ Preventing the spread of wildfire		
Details of the Orgaizing Committee	Directed by Rovers scouts leader Sri S.K.Veerasha Asst. Rovers scouts leader Sri Nandeesh kumara M.S.		
Any other relevant information	Appreciation letter by Forest Department.		

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

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





Dr. H. Anilkumar M.A., Ph.D.  
Principal

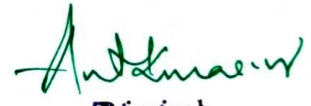
People's Education Trust (R), Mandya  
**P.E.S. College of Science, Arts & Commerce, Mandya.**  
M.C. Road, Mandya, Karnataka - 571 401

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

P.E.S. Mandya Rovers crew  
D-line Burning Program  
26-01-2018 to 30-01-2018  
List of participated students

List of Participants		
Sl.No	Name	Class
1.	Sachin K.R	3 <sup>rd</sup> B.Com
2.	Shivaraj K.R	3 <sup>rd</sup> B.Com
3.	Chandu T.R	3 <sup>rd</sup> B.Com
4.	Venkatesh R	3 <sup>rd</sup> B.A
5.	Sanjay Aradhya M	2 <sup>nd</sup> B.Com
6.	Ramu P.H	2 <sup>nd</sup> B.Com
7.	Rakshithgowda M.R	2 <sup>nd</sup> B.Com
8.	Manohara M	1 <sup>st</sup> B.Com
9.	Vinay H.A	1 <sup>st</sup> B.Com
10.	Sharathkumar K.S.	1 <sup>st</sup> B.Com

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

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

Relevant Photos  
D - Line Burning Program





## Appreciation Letter from the Forest department



ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ

### “ಅಭಿನಂದನಾ ಪತ್ರ”

ದಿನಾಂಕ: 26-01-2018 ರಿಂದ 30-01-2018 ವರೆಗೆ

ಪಿ.ಇ.ಎಸ್ ವಿಜ್ಞಾನ, ಕಲಾ & ವಾಣಿಜ್ಯ ಕಾಲೇಜಿನ

“ಪಿ.ಇ.ಎಸ್ ಮಂಡ್ಯ ರೋವರ್ಸ್ ಕ್ರೀಡ್” ನ

10 ಮಂದಿ ರೋವರ್‌ಗಳು ಮತ್ತು 06 ಮಂದಿ ಸೀನಿಯರ್ ರೋವರ್‌ಗಳು  
ರೋವರ್ ಲೀಡರ್ ಎಸ್.ಕೆ. ವೀರೇಶ್‌ವರ ನಿರ್ದೇಶನದಲ್ಲಿ ಆಗಮಿಸಿ  
ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ ಹಿಮವದ್ ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟ  
ವಲಯದಲ್ಲಿ ಅರಣ್ಯ ಸಂರಕ್ಷಣೆಯ ಸಲುವಾಗಿ ಅರಣ್ಯ ಇಲಾಖೆಯ  
ಸಹಯೋಗದಲ್ಲಿ “ಡಿ ಲೈನ್ ಬರ್ನಿಂಗ್ ಕಾರ್ಯದಲ್ಲಿ” ಸಕ್ರಿಯವಾಗಿ ಭಾಗವಹಿಸಿ  
ಅತ್ಯುತ್ತಮವಾಗಿ ಸಹಕರಿಸಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸಿದ್ದರಿಂದ ಅರಣ್ಯ ಇಲಾಖೆಯ  
ವತಿಯಿಂದ ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ.

ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳು  
ಜಿ.ಎಸ್.ಬೆಟ್ಟ ವಲಯ, ಮೇಲುಕಾಡುನಹಳ್ಳಿ

ಸಹಾಯಕ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ  
ಬಂಡೀಪುರ ಉಪವಿಭಾಗ, ಬಂಡೀಪುರ

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

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





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

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

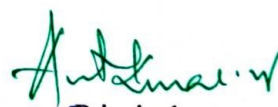
Dr. H. Anilkumar M.A., Ph.D.  
Principal

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

**REPORT**

Name of the Department / Committee	Bharath Scouts & Guides P.E.S. Mandya Rovers		
Title of the Program	Ugadhi festival special annual camp		
Date	14-03-2018 to 21-03-2018	Time / Days	08 days
Venue	Himavad Gopalaswamy Temple, Bandipura National Reserve Forest, Bandipur		
Objectives	<ul style="list-style-type: none"><li>❖ To understand the importance of social responsibility</li><li>❖ Cleaning of ponds</li><li>❖ Prohibition awareness campaign on plastic use</li><li>❖ Making people aware of traffic control</li></ul>		
Number of staff participated	02	Number of students Participated / benefitted	21
Outcomes	<ul style="list-style-type: none"><li>➤ Forest treasures were rescued from the wildlife</li><li>➤ The groundwater level is high</li><li>➤ People have reduced their use of plastic</li></ul>		
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.		

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

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



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

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

Dr. H. Anilkumar M.A., Ph.D.,  
Principal

Affiliated to University of Mysore  
Accredited by NAAC with 'A' Grade

P.E.S. Mandya Rovers crew  
Ugadhi festival Special Annual Camp  
14-03-2018 to 21-03-2018  
List of participated students

List of Participants		
Sl.No	Name	Class
1.	Sachin K.R	III B.Com
2.	Shivaraj K.R	III B.Com
3.	Venkatesh R	III B.A
4.	Sachin M.R	III B.Com
5.	Chandu T.R	III B.Com
6.	Roopesh Kumara	III B.A
7.	Kiran C.K	III B.B.M
8.	Sanjay N.D.	II B.Com
9.	Sachin B.R	II B.Com
10.	Sanjay Aradhya M	II B.Com
11.	Rakshith gowda M.R	II B.Com
12.	Ramu P.H	II B.Com
13.	Sujeeth V.N.	II B.A.
14.	Manoj	II B.A.
15.	Akash N.P.	II B.Com
16.	Ravinandan D.L.	II B.Com
17.	Shashi S.K.	I B.Com
18.	Sharathkumar K.S.	I B.Com
19.	Manohara M	I B.Com
20.	Shashank A.B.	I B.Com
21.	Prem H.M.	I B.Com

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

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



**Relevant Photos**  
**Ugadhi Festival Special Annual Camp**





Appreciation Letter from the Forest Department



ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ



**“ಅಭಿನಂದನಾ ಪತ್ರ”**

ಬಂಡೀಪುರ ಹುಲಿ ಸಂರಕ್ಷಿತ ಪ್ರದೇಶ ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟ ವಲಯದಲ್ಲಿ  
ದಿನಾಂಕ 14-03-2018 ರಿಂದ 21-03-2018ರ ವರೆಗೆ ಪಿ.ಇ.ಎಸ್.ವಿಜ್ಞಾನ  
ಕಲಾ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜಿನ “ಪಿ.ಇ.ಎಸ್.ಮಂಡ್ಯ ರೋವರ್ಸ್ ಕ್ರೀವ್ ನ 24  
ಮಂದಿ ಸ್ವಯಂ ಸೇವಕ ರೋವರ್‌ಗಳು ಮತ್ತು 08 ಮಂದಿ ಸೀನಿಯರ್ ರೋವರ್‌ಗಳು  
ರೋವರ್ಸ್ ಲೀಡರ್ ಪ್ರೊ.ಎಸ್.ಕೆ.ವೀರೇಶ್ ರವರ ನೇತೃತ್ವದಲ್ಲಿ  
ಪ್ಲಾಸ್ಟಿಕ್ ನಿಷೇಧ ಜಾಗೃತಿ, ಪರಿಸರ ಜಾಗೃತಿ, ಸಂಚಾರಿ ನಿಯಂತ್ರಣ, ಜನಸಂದಣಿ  
ನಿಯಂತ್ರಣ, ಡಿ ಲೈನ್ ವಾಚಿಂಗ್ ಹಾಗೂ ಶ್ರಮದಾನ ಕಾರ್ಯವನ್ನು  
ಶ್ರೀ ಹಿಮವತ್ ಗೋಪಾಲಸ್ವಾಮಿ ಬೆಟ್ಟದ ಜಾತ್ರಾ ಮಹೋತ್ಸವದಲ್ಲಿ  
ಅತ್ಯುತ್ತಮವಾಗಿ ನಿಭಾಯಿಸಿರುವುದರಿಂದ ಅರಣ್ಯ ಇಲಾಖೆ ವತಿಯಿಂದ  
ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ.


  
ವಲಯ ಅರಣ್ಯಾಧಿಕಾರಿಗಳು

ಜಿ.ಎಸ್.ಬೆಟ್ಟ ವಲಯ, ಮೇಲುಕಾಡುನಹಳ್ಳಿ

  
ಸಹಾಯಕ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ

ಬಂಡೀಪುರ ಉಪವಿಭಾಗ, ಬಂಡೀಪುರ

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

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