

## **NSS College of Engineering**

PLK/2022/17

Principal

**Dr P R Suresh** Ph: 9495250759 Email: Faculty in Charge

Pradeep Kumar P Ph: 9447077500 Email: nsscelibrary@gmail.com

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I. Total number of student membership

: 31

II. No.of student members newly enrolled in the current year : 29

#### III. Details of Environmentally significant days observed

NIL

IV. Details of field visits/nature camps conducted

No. of field visits/nature camps conducted	NIL

#### V. Details of training programs conducted/ attended

No. of Training programs conducted	NIL

#### VI. Details of awareness programs (Seminars/symposia/workshops/others) conducted

No.of Awareness programs conducted	1	
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#### Programme 1:

Name of program	Target group	Details of participation
World wetland day celebrartion 2022		150

#### **Output and Outcome**

Dear Sir/Madam,

We celebrate world wetland day on 05/02/2022 in NSS College of Engineering and conduct a programme . The topic of the programme is Rainwater recharging and Water conversion. The Resource person of the programme is Sri. Joseph K.D , Project Head , Kerala Association for rural development -Jal Jeevan Mission Kerala. And conduct some competion for Students on water conversion.

#### Other relevant information

VII. Details of activity-oriented programs conducted

No.of activity-oriented programs conducted	NIL

#### VIII. Details of Innovative/special programs conducted

No.of Innovative/special programs conducted	NIL
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#### IX. Details of local environmental issues addressed

No.of issues addressed	NIL
110.01 100000 00000	1112

#### X. Details of Programmes Conducted in other institutions/region

At Dotaile of Frogrammoo Contaction in other montations, region		
No.of Programmes	NIL	

#### XI. Details of Biodiversity garden maintained by the club

NIL

XII. Details of Initiatives for waste management (within and outside campus)

NIL

#### XIII. Details of Initiatives for water conservation (within and outside campus)

#### Water Conservation 1:

Programme 1: To identify Water conservation possibilities in NSS College of Engineering - a practical study in association with Joseph KD Project Head, Kerala Association for rural development, Jal Jeevan Mission, Kerala.

#### **Brief Report**

Dear Sir,

To identify Water conservation possibilities in NSS College of Engineering, we conduct a practical study in association with Joseph KD Project Head, Kerala Association for rural development, Jal Jeevan Mission, Kerala in two days (07/02/2022 & 14/02/2022)

Bhoomithrasena Club made a detailed survey in the campus with help of Joseph KD Project Head , Kerala Association for rural development , Jal Jeevan Mission , Kerala to maintain a sustainable water storage in our campus. We studied the the possibility of water recharge in unused bore well.

Using different sophisticated technology, we identified ground water level of our college. 5 types of test is conducted. All are positive. 200 to 250 ft may be needed for getting water. They also identified the problem of clay in bore well. When water is found in initial position, it is better to stop digging otherwise it may result in damage of the motor as clay is under it.

He also suggested various water recharging technologies to increase the water storage of our current ponds in our campus and identify some new locations to dig some new ponds to store rain water.

#### Decision after the study

- 1) Bhoomithra Sena Club decided our main programme is to change our college as an eco-friendly campus and identify the rectification is needed to the following problems to achieve an eco-friendly campus.
- a) hot climate in our campus (Campus is situated in Plakkad District)
- b) Water shortage of our college (difficult to maintain drinking water from december to may)
- 2) Bhoomithra Sena Club started to plant maximum trees in our college to reduce the hot climate of our college. The fund for planting trees are generated from the staff of our college.
- 3) Bhoomithra Sena Club decided to make pond for rain water harvesting.

No.of Events

Location	Extent(Acre)/Capacity(litre)
/. Details of initiatives to adopt Green Protocol	
No.of programmes conducted	NIL
. Details of studies/research projects conducted	
. ,	
No.of studies/research projects conducted	NIL
/I. Details of Resource materials/ publications produc	<b>ed</b> NIL

NIL

### XIX. Details of other activity programs conducted

No.of other activity programs conducted NIL	
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### XX. Details of Self Revenue generated

Amount generated (Rs): 1

Mode of revenue generation:.

#### **Details of fund utilization**

#### Expenditure Statement (2021-22) of the fund alloted by DoECC

Amount released by DoECC in the current year :25000
Amount carry forwaded from the previous financial year:0
Amount generated by self/ from external sources :1
Total amount available for the current year :25001

Program	ltem	Expenditure	Remarks
World wetland day celebrartion 2022	Payment for Resource Person	2000	
water Conservation Initiative 1	Study of Water conservation possibilities in NSS College of Engineering	2000	

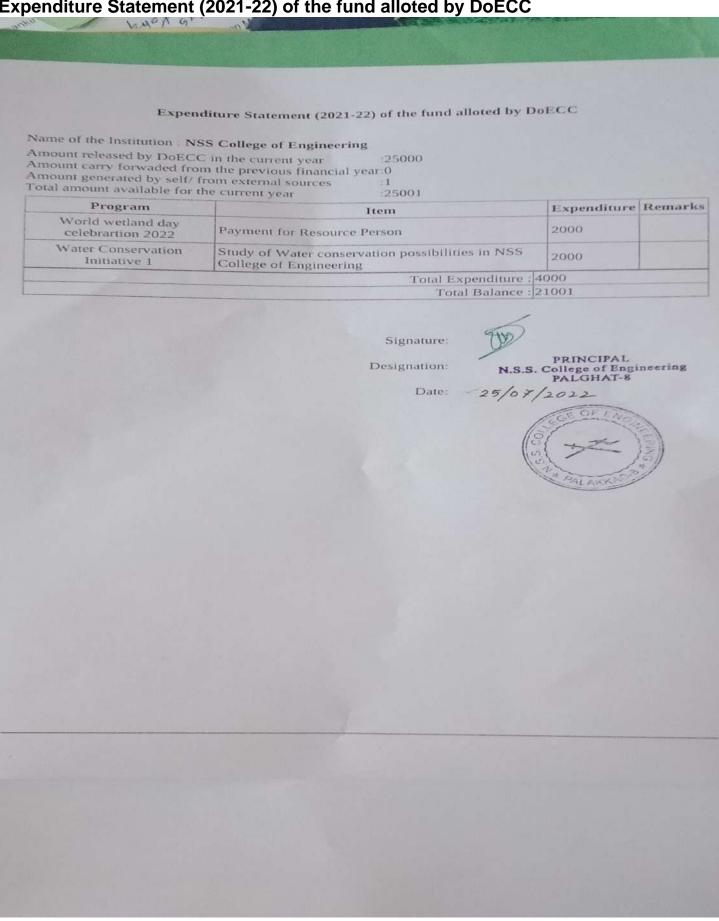
Total Expenditure	4000
Total amount available for the current year	25001
Total Balance amount	21001

Utilization certificate (KFC -44) (pdf of form will generate and attached along the report)

Signature Authorization from Faculty-in -Charge

Signature Authorization from Principal/Head of institution

### Expenditure Statement (2021-22) of the fund alloted by DoECC



### Utilization certificate (2021-22) of the fund alloted by DoECC

# KFC Form 44 (See ChapterVIII, Article 210) FORM OF UTILISATION CERTIFICATE Certificate showing utilisation of Grants-in-aid

Name of the Institution : NSS College of Engineering

SI. No.	Order sanctioning grant	Amount sanctioned Rs.	Year to which the grant relates	Period of utilisation		Purpose of the grant	Amount	Unspent balance	Remarks
1	2	3	4	5	6	7	8	9	10
1	DoECC/E1/2704/2019 dated 25-09-2021	25000	2021	2021-22	25-09- 2021	programmes conducted for students to give awareness about environment	4000	21000	

1. Certified that out of the grant-in-aid of Rs. 25000 sanctioned during the year 2021 in favour of programmes conducted for students to give awareness about environment as per the orders mentioned above, and Rs. on account of unspent balance of the previous year/years, a sum of Rs. 4000 has been utilised for the purpose of for which the grant/grants was/ were sanctioned and that the balance of Rs. remaining unutilised at the end of the year (the period to be specified) has been surrendered to Government (vide Chelan No - dated 25-09-2021)/will be adjusted towards the grant-inaid payable for the succeeding year -

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Signature:

Designation

N.S.S. College of Engir

Date: \_

25/07/2022

\*G.O.(P) 377/76/Fin. Dated 10th December 1976

### **Photographs**





**ONLINE SEMINAR &** 

Coordinators:

Dr. Resmi G., Prof. Deepthy S. Nair Prof. Madhu Mohan, Sri. Pradeep Kumar P.

For Registration, Contact Student Coordinators: Gokul Krishna, 7994897164

Adhrija PS, 9496572872

POSTER MAKING

COMPETITION



### WORLD WETLAND DAY **CELEBRATIONS 2022**

Organized by
Department of Civil Engineering
NSS College of Engineering Palakkad In Association with Bhoo Mithrasena Club (BMC)

Focal theme: "Wetlands Action for People and Nation

Wetlands are biodiversity hotspots that play an important role in regulating climate change. They are vital to us in many ways for sustainable livelihood. But nearly 90 per cent of the world's wetlands have been degraded since 1700s.

To spread awareness about the Importance of wetlands, World Wetland Day is being celebrated since 1997. It marks the date of the signing of the Convention on Wetlands, called the Ramsar Convention, on 2nd February 1971.
2nd February 2022 is the first year that World Wetlands Day will be observed as a United

Nations international day, following its adoption by the General Assembly on 30th Aug 2021. This year the Department of Civil Engineering, N.S.S. College of Engineering is organizing "World Wetland Day Celebrations 2022' on 5th February 2022. The program will be held in online platform in association with Bhoo Mithra Sena Club (BMC) which is part of the Directorate of Environment and Climate Change (DoECC)'s Green Office initiative



Sri. Joseph K.D. is a social development professional with master's degrees in Economics, Gandhian Studies and Social Work, knowledge and skills that are backet with extensive experience in project planning, use of participatory tools and

roject management. He is currently working as the Project ead, Kerala Association for Rural ment - Jal Jeevan Mission Kerala. Development - Jai Jeevan Mission Kerala.

He has got more than 40 years of experience in the development sector including rural development, health, water and sanitation, community development, human and mastullonal development.

#### POSTER MAKING COMPETITION

High school, Higher secondary and Undergraduate students of all branches of engineering can apply on or before 4th February 2022 before 2pm.

following LINK:

https://forms.gle/fjWnHaac8QppCdKd9

#### NO REGISTRATION FEE

· Details of the events will be communicated to the

registered participants
• E-certificates will be provided to all participants
• The theme "Wefands Action for People and Nature" should be the main focus of the poster.

Chief patron: Sri. G. Sukumaran Nair Chairman, Governing Body Patron: Dr. P. R. Suresh Principal Chairperson: Dr. Jayalekshmi R.

Head of the department

ABOUT THE INSTITUTION

NSS College of Engineering, Palakkad, one of the oldest engineering educational institutions in Kerala, was founded in 1960 by Nair Service Society under was founded in 1900 by Nair Service Society under the leadership of the late Bharatha Kesari Marmathi. Padmanabhan, during the second five-year plannish the assistance of the Central and State Governments under the Grant-In-Aid Schorne. The college is now affiliated to the APJ Abdul Kalam Technological University, Kerala, offering six B.Te Programs and five M. Tech Programs.

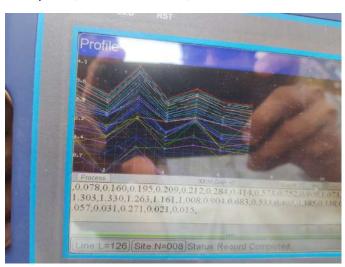
Department of Civil Engineering established in 1960 and accredited by NBA for 3years 18 2022 has a storag faculty most of them possessing PND, and having in both theoretical and practical aspects of Civil Engineering.

Programme: World wetland day celebrartion 2022



ground water level checking

Programme: To identify Water conservation possibilities in NSS College of Engineering - a practical study in association with Joseph KD Project Head, Kerala Association for rural development, Jal Jeevan Mission, Kerala.



#### brochure 2

Programme: World wetland day celebrartion 2022



team -ground water checking

Programme: To identify Water conservation possibilities in NSS College of Engineering - a practical study in association with Joseph KD Project Head, Kerala Association for rural development, Jal Jeevan Mission, Kerala.



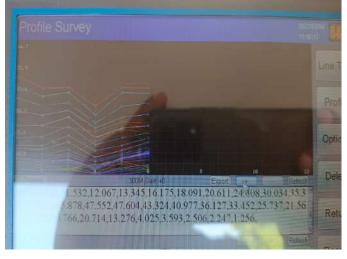
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water conservation area identification

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discussion with Dr. Joseph KD Programme: To identify Water conservation possibilities in NSS College of Engineering - a practical study in association with Joseph KD Project Head , Kerala Association for rural development , Jal Jeevan Mission , Kerala.



discussion with civil engineers of our college Programme: To identify Water conservation possibilities in NSS College of Engineering - a practical study in association with Joseph KD Project Head, Kerala Association for rural development, Jal Jeevan Mission, Kerala.





water conservation area identification
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# **Proposed Programs for next year**

SI No	Title	Category	Budget
1	Campus Cleaning ( one week Programme)	Activity Oriented Programmes	1000
2	Celebrate Sustainability day	Observance of Environmentally Significant Day	1000
3	World Environment Day 2022	Awareness program(Seminars/symposia/workshops/others)	1000
4	World soil day	Observance of Environmentally Significant Day	250
5	International Cheetah Day Celebration in November 29	Observance of Environmentally Significant Day	252
6	Tree Planting	Biodiversity Garden	40000