D.V.S. College of Arts and Science, Shivamogga

Sir M V Road, P.BNo.81, SHIVAMOGGA-577201, Karnataka State

Department of Botany

REPORTS OF FIELD, STUDY TOUR OR INDUSTRIAL VISITS

Sl. No.	Field, Study tour or Industrial visits	Name of visited places	Year
01	Study of morphological, nutritional and Medicinal importance of star fruit (*Averrhoa carambola* L.) an underutilized fruit	Valyou Products Ltd, Shivamogga	2022-23
02	Identification and documentation of few flora in the campus of DVS- A field study	DVS Campus, Shimoga	2022-23
03	Plant propagation- Studies on vegetative propagation techniques	DVS Campus, Shimoga	2022-23
04	Study of Cultivation of oyster mushroom and their diseases	Agriculture college, Shivamogga	2022-23
05	The study of cultivation methods and disease management of maize in Ayanur	Ayanur	2022-23
07	Detailed study of timber, gum, oil and latex yielding plants	Umblebailu	2022-23
08	Survey on medicinal plants of Avinahalli Forest and Healthy benefits of phytochemicals	Avinahalli	2022-23
09	Survey on timber yielding trees in the vicinities of Shimoga city- a field study	Shivamogga city	2022-23
10	Study on wild underutilized fruits and their importance	Theertha Rameshwara Daivivana, Honnali	2022-23
11	The disease of sugarcane in the vicinity of four taluks in Shivamogga district- A field study	Taluks of Shivamogga district	2022-23
12	Study tour (B.Sc. VI Semester)	CFTRI, University of Mysuru, Ranganthittu tree park	18 and 19th July 2023
13	Filed visit to study Ecosystem	DVS Campus	16/08/23

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D.V.S. College of Arts & Science
Shimoga-577 201.

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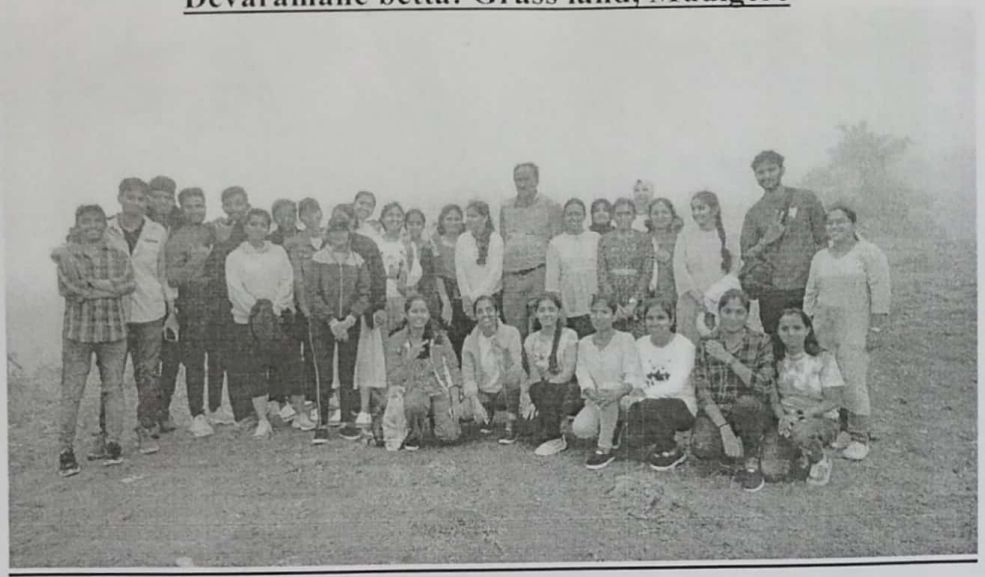
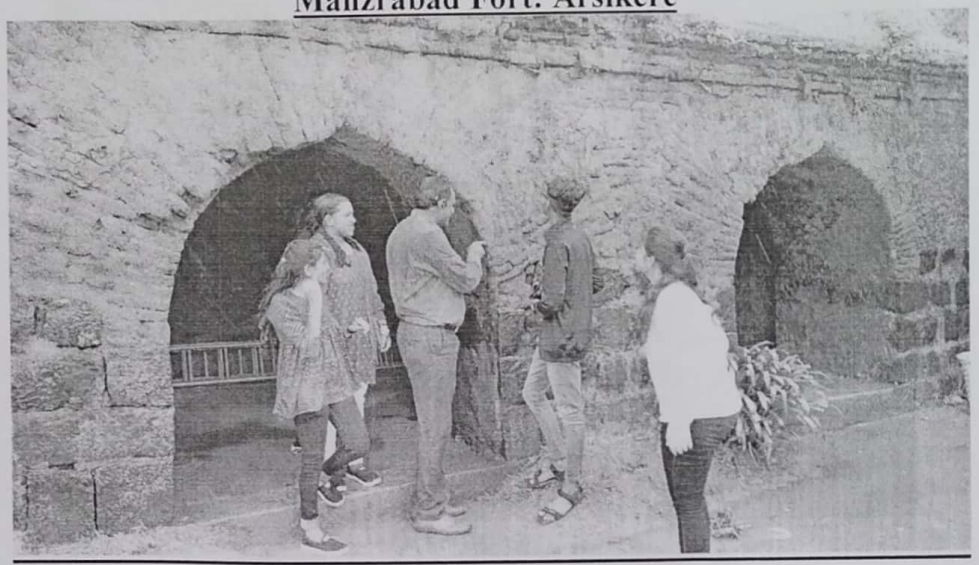
Photo Gallery

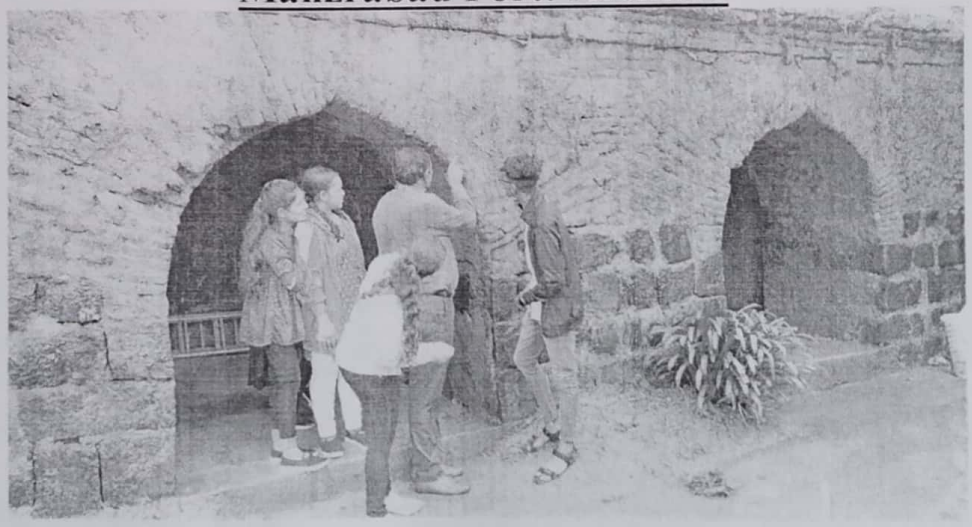
Devaramane betta: Grass land, Mudigere



Manzrabad Fort: Arsikere



Manzrabad Fort: Arsikere



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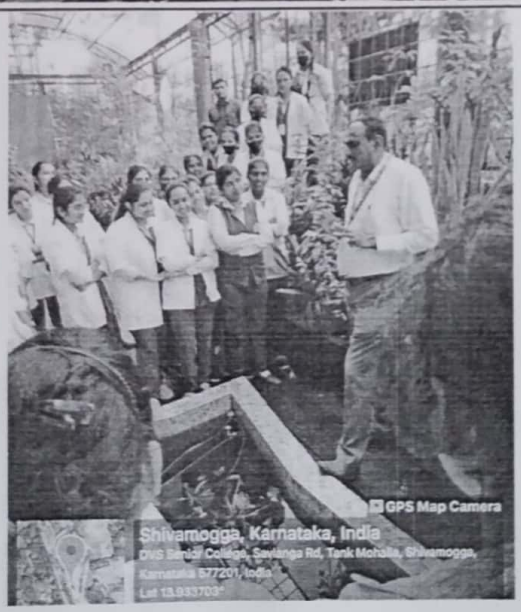
Pond Ecosystem: DVS Campus, Shimoga



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:ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ:
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

Website : www.dvsdegreecollege.org.
Email : principal.dvscollege@gmail.com
Off : 08182-278455
Fax : 08182-401592

ಡಿ.ವಿ.ಎಸ್.ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
(ನ್ಯಾಷನಲ್ ಅಸೆಸ್‌ಮೆಂಟ್ ಮತ್ತು ಅಕ್ರೆಡಿಟೇಷನ್ ಕೌನ್ಸಿಲ್, ಬೆಂಗಳೂರು ಇವರಿಂದ "A" ಶ್ರೇಣಿ (CGPA-3.07) ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
ಸರ್ ಎಂ.ವಿ.ರಸ್ತೆ, ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂ.81, ಶಿವಮೊಗ್ಗ – 577 201

ಕ್ರ.ಸಂ.: ಡಿವಿಎಸ್‌ಸಿ/ 320 /2023-24 ದಿನಾಂಕ:17-07-2023

ಇವರಿಗೆ,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.)
ಶಿವಮೊಗ್ಗ.

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ಕುರಿತು

***

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸಸ್ಯಶಾಸ್ತ್ರ ವಿಭಾಗದವತಿಯಿಂದ 6ನೇ ಸೆಮಿಸ್ಟರ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ದಿನಾಂಕ: 18/07/2023 ಮತ್ತು 19/07/2023 ರಂದು 2 ದಿನಗಳ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸವನ್ನು ಸಕಲೇಶಪುರ ಮತ್ತು ಕುದುರೆಮುಖ ಪ್ರದೇಶಗಳಲ್ಲಿ ಸಸ್ಯಸಂಕುಲಗಳ ಅಧ್ಯಯನ ಕಾರ್ಯಕ್ರಮವನ್ನು ಹಮ್ಮಿಕೊಂಡಿರುತ್ತಾರೆ. ಆದುದರಿಂದ ಈ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ಕುರಿತು ತಮ್ಮ ಅನುಮತಿ ಮತ್ತು ಸಲಹೆಗಾಗಿ ಈ ಪತ್ರದ ಮೂಲಕ ವಿನಂತಿಸಿಕೊಳ್ಳುತ್ತಿದ್ದೇನೆ.

ವಂದನೆಗಳೊಂದಿಗೆ

O/C

ತಮ್ಮ ವಿಶ್ವಾಸಿ,
ಪ್ರಾಂಶುಪಾಲರು
ಪ್ರಾಚಾರ್ಯರು
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ
ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ಅಡಕ:
1.ಸದರಿಯವರ ಮನವಿ ಪತ್ರ
2.ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದಲ್ಲಿ ಭೇಟಿ ನೀಡುವ ಸ್ಥಳಗಳ ವಿವರ

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DVS College of Arts, Science and Commerce, Shimoga

Department of Botany

Study Visit: Places and Schedule

Day 1: 18/07/2023

1. DVS College Campus
2. Devaramane Betta
3. Tea processing unit, Kadumane
4. Bisle Ghat shola forest range
5. Sakleshpura Stay

Day 2: 19/07/2023

6. Kottigehara
7. Rani-Jhari Reserve forest valley
8. Kalasa
9. Horanadu temple
10. Kudremukh Horticulture garden
11. Lakya dam
12. Sringeri and Agumbe- Algae, Bryophyte and Pteridophyte collection

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Department Botany
D.V.S. College of Arts & Science
Shimoga-577 201.

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Department of Botany
List of Students

Sl. No.	Name	Phone number	Signature
01.	Gayana. S	7795355438	
02	Soumya H.R.	8050467809	
03.	Preethi. K.M.P	7349199407	
04.	Latha. A.Y	7204714869	
05	Chandana. H.S	8494904037	
06.	Vanishri. J.R.	7259948964	
07.	Swathi. D.S	7204198249	
08.	Manasa. A.M	8431196159	Manasa.A.M
09.	Arundathi. R	7411125295	Arundathi.R
10.	Kavya. K.M	8310206767	
11.	Aishwarya.	7411272808	
12.	Aparna, V.R.	9019036426	
13.	Nanditha. M.	9900210727	
14.	Yashaswini. B.S	6360289657	
15	Deepika. B.K.	8971079275	B.K
16.	Soujanya. S	6361765065	
17.	Mahima.	8431315969	
18.	Madeeha	9686604099	
19.	Suchitra. M.G	9019393552	
20.	Soumya C.P	9606359929	
21.	Spoorthi. M.	6360978577	
		8660[illegible]538	

24.	Spoorthi . H.M.	6364255010	
25.	Deepashree H.R.	9HH9820886	HR
26.	Bhoomika. K.S	8951201790	
27.	Sharath Kumar.S.D	6360093538	
28.	Bharath. C.M	6360327630	
29.	Yashwanth. A.S	8748893719	
30.	Pruthvi kumar.P	9380263680	
31.	Muruli. M.	7H1061254	
32	Suraj.	6361883444	
33.	Abhishek. B.M	9805141919	
34.	Aditya. V. Naik.	7019151585	
35	Adarsh.	97H136018	

HEAD
Department Botany
D.V.S. College of Arts & Science
Shimoga-577201.

Faculty Details

1. Mr. Sudhakar H.N.
2. Mr. Shrinivas. Lamani

D.V.S COLLEGE OF ARTS AND SCIENCE, SHIVAMOGGA

DEPARTMENT OF CHEMISTRY

REPORT ON INDUSTRIAL VISIT TO

"MALNAD ALLOYS AND CASTINGS PVT LTD"

The Department of Chemistry had organized an Industrial Visit to "Malnad Alloys and Castings Pvt. Ltd., Machenahalli, Shimoga" in the academic year **2022-23** for B.Sc., Chemistry students on **10.09.2022**.

'Malnad Alloys and Castings Pvt. Ltd, Shimoga' is one of the pioneer industries which is recognized for its excellence in alloys making and processing. Being one of the top industries in Alloys making and testing area, the company has marked its existence for producing a high-quality sand as a byproduct of industrial processing.

The students of Final year CBZ were taken to this industry to witness all the process involved in Alloys manufacture, wherein practical knowledge of manufacturing and processing units was gained. Steps involved in Alloys making and processing like, melting, molding, fettling, heat treatment, machine shop and testing facility were displayed to students.

Mr. Madhukar Jois, M.D of the company and Mr.Mahaveer Jain, Director of quality operations took special care and concern in this regard and supported the students to their best.

35 students from III B.Sc., CBZ visited the Industry.

Dept. of Chemistry
D. V. S. College of Arts & Science
SHIMOGA CITY

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CHEMISTRY DEPARTMENTAL ACTIVITIES 2021-22, 22-23

Industrial Visit to "Mainad Alloys and Castings Pvt Ltd, Machenahalli, Shimoga" on 10.09.2022

Dept. of Chemistry
D. V. S. College of Arts & Scienc
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D.V.S COLLEGE OF ARTS, SCIENCE AND COMMERCE

DEPARTMENT OF CHEMISTRY

DATE : 10.09.2022 TIME : 10.00 A.M

INDUSTRIAL VISIT TO MALNAD ALLOYS CASTINGS PVT LTD, MACHENAHALLI, SHIMOGA

LIST OF STUDENTS VISITING THE INDUSTRY

Sl No.	Name of the Student	Class	Signature 1 (At 10 A.M)	Signature 2 (At 2 P.M)
1	Chandana. K	III BSc [CBZ]	Chandana	Chandana
2	Chittara. T. H	III BSc [CBZ]	[illegible]	[illegible]
3	Nayana B.K	III BSc (CBZ)	Nayana B.K	Nayana B.K
4	Rakshitha H.M	III BSc (CBZ)	Rakshitha.	Rakshitha.
5	Afreen Khanum	III BSC [CBZ]	Afreenkhan	Afreenkhan
6	Syeda Hajiraaiman	III BSC [CBZ]	[illegible]	[illegible]
7	Ramya S.S	III BSC [CBZ]	Ramya S.S	[illegible]
8	Sumitha. V	III BSC (CBZ)	[illegible]	[illegible]
9	Bhoomika H S	III BSC (CBZ)	Bhoomika H.S.	Bhoomika H S
10	Chaithra. M	III BSc (CBZ)	Chaithra. M	Chaithra M
11	Nikhitha Y.K	III BSc (CBZ)	[illegible]	[illegible]
12	Sinchana N	III BSc (CBZ)	[illegible]	[illegible]
13	Kavana. D	III BSC (CBZ)	Kavana. D	Kavana. D
14	Varsha H.S	III BSC (CBZ)	Varsha H.S.	Varsha H.S
15	Sahana D	III BSc (CBZ)	Sahana D	Sahana D
16	~~Sinchana~~ Gayathri	III BSc (CBZ)	[illegible]	[illegible]
17	Uday	III BSc [CBZ]	[illegible]	[illegible]
18	Deepesh	III BSC (CBZ)	[illegible]	[illegible]
19	Bindu	III BSC [CBZ]	Bindu K	
20	Keerthi K Shetty	III B.SC PCM	Keerthi K Shet	Keerthi K Shet
21	~~[illegible]~~ Pallavi	— 11 —	[illegible]	[illegible]
22	Adithya	— 11 —	[illegible]	[illegible]

Dept. of Chemistry
D. V. S. College of Arts & Science
SHIMOGA CITY

10.9.22
Assistant Professor & Head
Department of Chemistry
D.V.S. College of Arts & Science
SHIVAMOGGA-577 [illegible]

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D.V.S COLLEGE OF

DEPARTMENT OF CHEMISTRY

DATE : 10.09.2022

TIME : 10.00 A.M

INDUSTRIAL VISIT TO MALNAD ALLOYS CASTINGS PVT LTD, MACHENAHALLI, SHIMOGA

LIST OF STUDENTS VISITING THE INDUSTRY

Sl No.	Name of the Student	Class	Signature 1 (At 10 A.M)	Signature 2 (At 2 P.M)
23	Sherya	III BSc CBZ	Sherya K.R	Sherya
24	Megha	— 11 —	Megha	Megha
25	Shiba Sherin		Shiba	Shiba
26	Prajwal SR	III BSc. CBZ	Prajwal SR.	Prajwal SR
27	Aretha		Aretha	Aretha
28	Akash		Akash	Akash
29	Adithya Shetty	III B.S C CBZ	Adithya	Adithya
30	Varun.		Varun	Varun
31	Rohini		Rohini	Rohini. BS
32	Sushma		Sushma	Sushma BP
33	Shantha	— 11 —	Shantha	Shantha
34	Darshan. P	— 11 —	Darshan. P	Darshan. P
35	Sneha. L	— 11 —	Sneha. L	Sneha. L
36				
37				
38				
39				
40				
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42				
43				
44				

Dept. of Chemistry
D. V. S. College of Arts & Science
SHIMOGA CITY

10.09.22

Assistant Professor & Head
Department of Chemistry
D.V.S. College of Arts & Science
SHIVAMOGGA-577 201

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D.V.S COLLEGE OF ARTS AND SCIENCE, SHIVAMOGGA

DEPARTMENT OF CHEMISTRY

REPORT ON INDUSTRIAL VISIT TO

"BASF CHEMICALS, MANGALORE"

The Department of Chemistry had organized an Industrial Visit to "**BASF CHEMICALS, MANGALORE**" in the academic year **2022-23** for B.Sc., Chemistry students on **13.01.2023 & 14.01.2023**.

BASF, Mangalore is the First Bio-based polyol production facility in Asia Pacific. It serves the fast-growing demand of eco-friendly products for new energy vehicles. It utilizes renewable materials to save fossil resources and supports stakeholders to meet sustainability goals.

48 students of III B.Sc (PCM) were taken to this industry and were educated regarding Chemicals, plastics, performance products and crop protection products to oil and gas. Students also learnt about how economic success is combined with environmental protection and social responsibility.

All students were provided with the basic and applied knowledge of Industry management and were given some hands-on-training.

Dept. of Chemistry
D. V. S. College of Arts & Science
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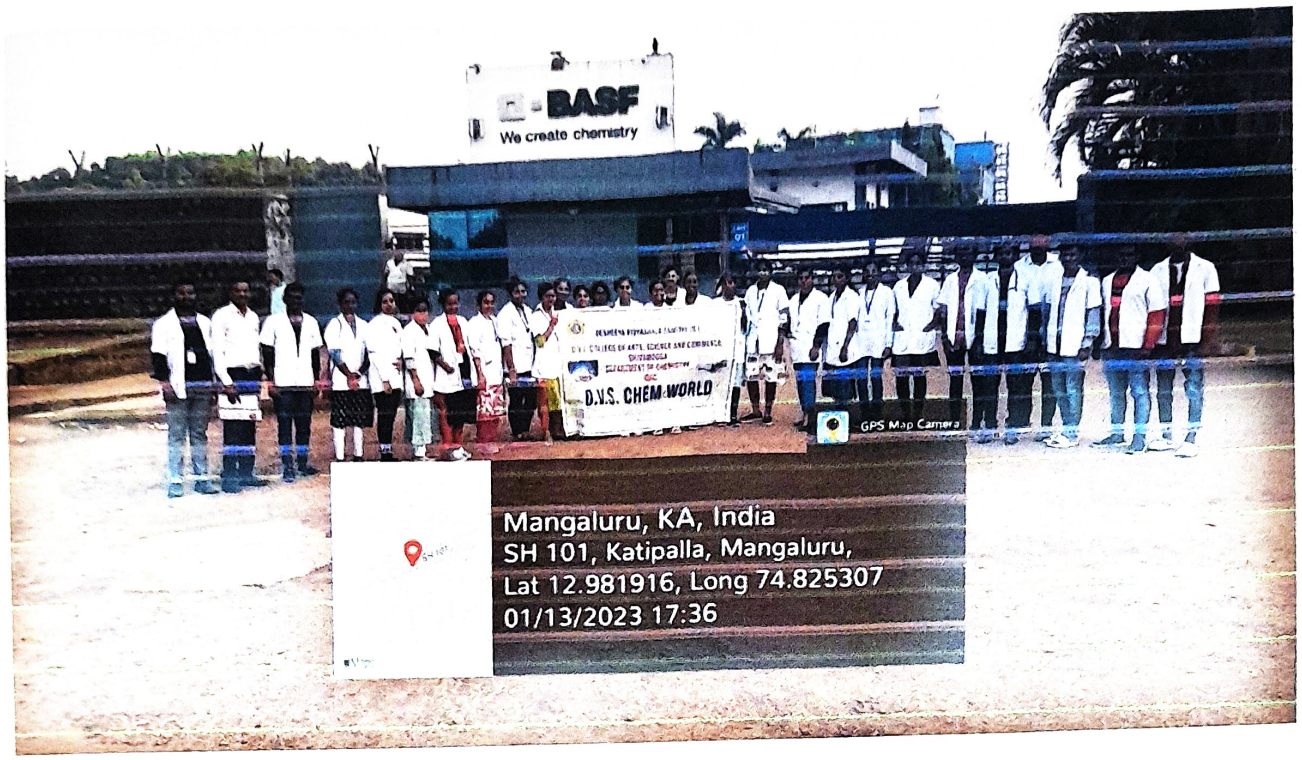
CHEMISTRY DEPARTMENTAL ACTIVITIES 2021-22, 22-23



Industrial Visit to 'BASF Chemicals. Mangalore' on 13.1.2023 & 14.1.2023

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D. V. S. College of Arts & Science
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D. V. S. College of Arts and Science, Shimoga
Department of Chemistry

Details of the students visiting BASF, Suratkal

Date: 13th and 14th January 2023

Sl. No.	Name of the Student	Sec.	Amount	Mode	Date
1	Rashmi M	B	2500	Cash	04.01.2023
2	Prashanth Mirji	B	2500	Cash	05.01.2023
3	Rashmi K	B	2500	Cash	05.01.2023
4	Soujanya S	D	2500	Cash	05.01.2023
5	Nanditha M	D	2500	Cash	05.01.2023
6	Deepashree H R	D	2500	Cash	05.01.2023
7	Bhoomika K S	D	2500	Cash	05.01.2023
8	Deepika B K	D	2500	Online	05.01.2023
9	Vaishnavi A S	D	2500	Online	05.01.2023
10	Dhanyashree Narayan	D	2500	Online	05.01.2023
11	Vidhyashree C R	B	2500	Cash	06.01.2023
12	Soumya C P	D	2500	Cash	06.01.2023
13	Latha A Y	D	2500	Cash	06.01.2023
14	Tanushree A S	D	2500	Cash	06.01.2023
15	Yashwant A S	D	2500	Cash	06.01.2023
16	Mahima Saroop	D	2500	Cash	06.01.2023
17	Suchitra M G	D	2500	Cash	06.01.2023
18	Preethi K M P	D	2500	Cash	06.01.2023
19	Manasa A M	D	2500	Cash	06.01.2023
20	Arundhathi R	D	2500	Cash	06.01.2023
21	Susheel R	B	2500	Cash	06.01.2023
22	Sudeep S M	B	2500	Cash	06.01.2023
23	Puneethkumar N S	B	2500	Cash	06.01.2023
24	Rohan M R	B	2500	Cash	06.01.2023
25	Shripriya	D	2500	Online	12.01.2023
26	Kumarbabu	D	2500	Pending	12.01.2023
27	Pruthvikumar P	D	2500	Cash	06.01.2023
28	Hongirana M	D	2500	Cash	06.01.2023
29	Sanchitha A J	D	2500	Cash	06.01.2023
30	Bharath C M	D	2500	Cash	06.01.2023
31	Sharathkumar S D	D	2500	Cash	06.01.2023
32	Muruli M	D	2500	Cash	06.01.2023
33	Chandana H S	D	2500	Cash	06.01.2023
34	Sowmya H R	D	2500	Cash	06.01.2023
35	Afeefa Kounain	D	2500	Cash	06.01.2023
36	Narendra	B	2500	Cash	06.01.2023
37	Arshiya	D	2500	Cash	06.01.2023
38	Tejaswini A	B	2500	Cash	06.01.2023
39	Sangeetha D	B	2500	Cash	06.01.2023
40	Spoorthi M	D	2500	Cash	07.01.2023
41	Abhishek B M	D	2500	Online	07.01.2023
42	Sindhu Shettar	B	2500	Cash	07.01.2023

Dept. of Chemistry
D. V. S. College of Arts & Science
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43	Chandan S	D	2500	Online	07.01.2023
44	Adarsh S	D	2500	Online	07.01.2023
45	Aditya V Naik	D	2500	Online	07.01.2023
46	Niranjan N Raj	B	2500	Cash	10.01.2023
47	Shashank N S	B	2500	Cash	10.01.2023
48	Manjunatha J S	B	nil	nil	nil

Dept. of Chemistry
D. V. S. College of Arts & Science
SHIMOGA CITY

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Shimoga
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Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

Department of Commerce

Industrial Visit: West Coast Paper Mill Limited, Dandeli.

Date: 24-02-2023 **Total Number of Students: 43** **Class: III B.Com**

D.V.S.College of Arts, Science & Commerce
Shimoga

(Permanently Affiliated to Kuvempu University)
(Accredited from National Assessment & Accreditation Council at the A Grade)
Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DATE: 23/02/2023

From
Rudresha C.E
Head of the Department
Department of Commerce
DVS College of Arts, Science & Commerce
Shimoga

To
The Principal
DVS College of Arts, Science & Commerce
Shimoga

Respected Sir,

Subject: Requisition letter for Two days educational trip

As sited above we are planning to go for an educational trip to Dandeli Paper Mill on 24-02-2023 and 25-02-2023 exclusively for Final B.Com students along with refreshment trip. This trip has been planned to make them aware about different process of manufacturing of paper and costing methods it gives them practical experience regarding various subjects of commerce and help them in taking future endeavor. As educational trip is one of the key elements of NAAC. So kindly grant us the permission to take the students for the excursion.

The following Teaching and Non-teaching staff has been entrusted to the trip.

List of the Teaching Non-Teaching Staff

Sl.No	Name of the Faculties	Designation
1	Mr. Rudresha C.E	Assistant Professor & Head
2	Mrs. Swapna E.S	Assistant Professor
3	Mrs. Rashmi M	Assistant Professor
4	Mrs. Amrutha H.V	Assistant Professor
5	Dr. Chandrashekrappa U	Assistant Professor
6	Venkatesh U.R	Attender

List of Students

Sl.No	Name of the Students
1	Abhishek R
2	Abhishek S
3	Ahalya K A
4	Akhilesh S
5	Akmal Khan
6	Anusha M A
7	Bindu H R
8	Chaya B M
9	Dhanalakshmi H B
10	Goutham B U
11	Hariprasad R
12	Harshan R
13	Justin Suprith Fernandis
14	Keerthi Kumar S
15	Lathesha T P
16	Madhan S
17	Madhushree N A
18	Mallikarjuna D S
19	Mubarak M K
20	Narendra G
21	Niveditha
22	Pallavi G
23	Pawan G
24	Pramod H B
25	Rachanashree
26	Raghivi R
27	Rajesh K P
28	Sandeep S V
29	Sanjay K
30	Sanjay S
31	Sawood S M
32	Shashank H M
33	Shreyas A.N
34	Shubha B M
35	Smruthika Achar
36	Srikanth D K
37	Sunishpa T S
38	Surendra P
39	Tarun G C
40	Udaya L H
41	Varun K J
42	Yamuna L P
43	Yuvaraj G N

Thanking You

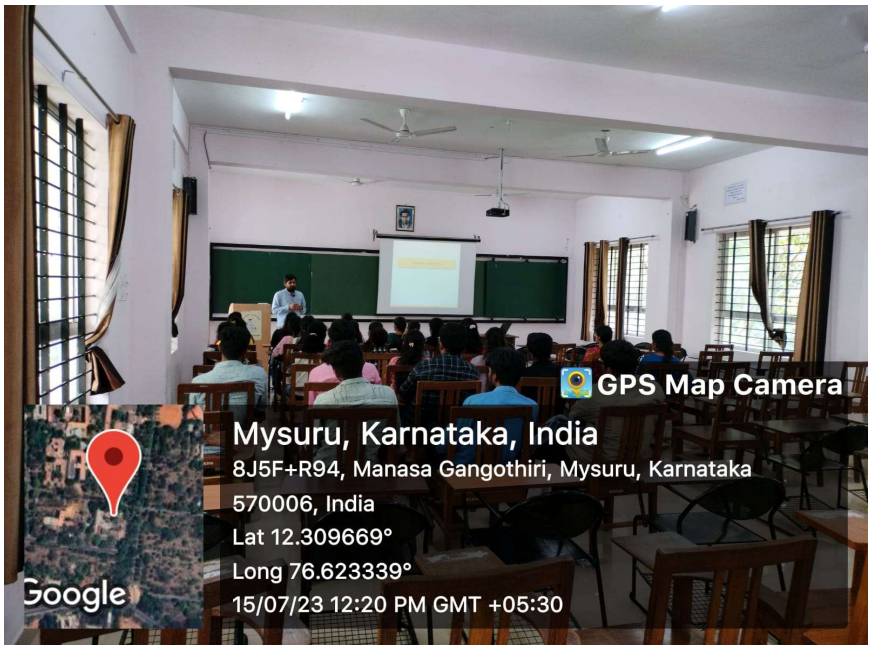
Date: **23-02-2023**
Place: **Shimoga**

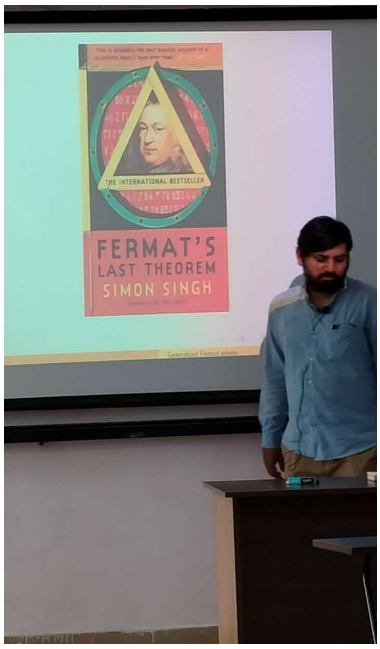
Yours faithfully

DEPARTMENT OF MATHEMATICS STUDY TOURS – AY 2022-23

SL NO	Date of the Activity	Name of the Activity	Resource Person	Students Benefited
01	14 and 15 January, 2023	Study Tour to Mangaluru (Mangalore University)	Dr. Chandru Hegde	50
02	14 and 15 July, 2023	Study Tour to Madikeri and Mysuru (DoS in Mathematics, University of Mysore)	Prof. KR Vasuki, Chairman, DoS in Mathematics, Manasagangotri, University of Mysore Dr. Yathiraj Sharma	26

Study Tour to Mangalore University





Study Tour to University of Mysore, Mysuru

:ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ:

ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

Website : www.dvsdegreecollege.org.
Email : principal.dvscollege@gmail.com

Off : 08182-278455
Fax : 08182-401592

ಡಿ.ವಿ.ಎಸ್.ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

(ನ್ಯಾಷನಲ್ ಅಸೆಸ್‌ಮೆಂಟ್ ಮತ್ತು ಅಕ್ರಡಿಟೇಷನ್ ಕೌನ್ಸಿಲ್, ಬೆಂಗಳೂರು ಇವರಿಂದ "A" ಶ್ರೇಣಿ (CGPA-3.07) ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

ಸರ್ ಎಂ.ವಿ.ರಸ್ತೆ, ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂ.81, ಶಿವಮೊಗ್ಗ – 577 201

ಕ್ರ.ಸಂ.: ಡಿವಿಎಸ್‌ಸಿ/85/2022-23 ದಿನಾಂಕ:02-01-2023

ಇವರಿಗೆ,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.),
ಶಿವಮೊಗ್ಗ.

ಮಾನ್ಯರೇ,

ವಿಷಯ : ವಿದ್ಯಾರ್ಥಿಗಳ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಅನುಮತಿ ಕೋರುವ ಬಗ್ಗೆ

***

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಡಿ.ವಿ.ಎಸ್ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜಿನ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ವೀಕ್ಷಣೆಗೆ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸ ದಿನಾಂಕ: 13/01/2023 ಮತ್ತು 14/01/2023 ರವರೆಗೆ ಅನುಮತಿ ಕೋರಿ ಮನವಿ ಪತ್ರವನ್ನು ನೀಡಿರುತ್ತಾರೆ. ಸದರಿಯವರ ಮನವಿ ಪತ್ರವನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ತಮ್ಮ ಅನುಮತಿಯನ್ನು ಕೋರಿರುತ್ತಾರೆ. ಸ್ವೀಕರಿಸಬೇಕಾಗಿ ಕೋರುತ್ತೇನೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

ಒ/ಸ

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಪ್ರಾಂಶುಪಾಲರು
ಪ್ರಾಚಾರ್ಯರು
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ
ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ

ಅಡಕ:

1. ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರ ಮನವಿ ಪತ್ರ

ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.) ಶಿವಮೊಗ್ಗ
ನಂ.
ದಿ.02/01/2023
1:19pm

From,

Dr. Chandru K.,
Assistant Professor and HOD of Mathematics,
DVS College of Arts and Science,
Shivamogga.

To,

The Principal,
DVS College of Arts and Science,
Shivamogga.

Respected Sir,

Subject: Requesting your permission to arrange **Two Day's Study Tour to Mangalore University and Madikeri** for Final Year B.Sc. students.

* * * * * *

With reference to the above subject, from Department of Mathematics, DVS College of Arts and Science, Shivamogga we are requesting your permission to arrange **Two Day's Study Tour to NITK Surathkal and Mangalore University** during **13 & 14th January-2023,** for our B.Sc. (5th-semester, A-Section) 50-students to motivate them to progress towards higher education. Study Tour Root plan as follows:

Date	**Place**
13-01-2023 (Day-01)	Shivamogga
	Mangalore University.
	Malpe, Udupi.
14-01-2023 (Day-02)	Madikeri
	Mugilupete
	Bhagamandala Honey Bee Centre
	Talakaveri.
	Kaveri Nisargadhama, Golden Temple.
	Shivamogga.

Please consider the request and grant for the same.

Thank you.

Place: Shivamogga.
Date: 02/01/2023.

Yours Sincerely
2/1/2023
[HOD Dept of Mathematics]

Seen
permitted
02/01/23

॥ ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ: ॥

ದೇಶೀಯ ವಿದ್ಯಾ ಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

ಸರ್.ಎಂ.ವಿ ರಸ್ತೆ, ಬಸವೇಶ್ವರ ಸರ್ಕಲ್, ಶಿವಮೊಗ್ಗ–577 201

Desheeya Vidya Shala Samithi (R.), Shivamogga.

Estd : 1943

Sir M.V.Road, Basaveshwara Circle, Shivamogga- 577201. (Karnataka)

Phone: 08182-223802

ನಂ.ಡಿ.ವಿ.ಎಸ್.ಎಂಸಿ/ 975/2022–23 ದಿನಾಂಕ: 03.01.2023

–: ಜ್ಞಾಪನಾ :–

ವಿಷಯ: ತಮ್ಮ ಕಾಲೇಜು ಆಯೋಜಿಸಿರುವ 2022–23ನೇ ಸಾಲಿನ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಅನುಮತಿ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ತಮ್ಮ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಡಿವಿಎಸ್‌ಸಿ/851/2022–23, ದಿ:02.01.2023

****

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ಉಲ್ಲೇಖಿತ ಪತ್ರದ ರೀತ್ಯಾ ತಾವು ದಿನಾಂಕ: 13.01.2023 ಮತ್ತು 14.01.2023ರಂದು ತಮ್ಮ ಕಾಲೇಜಿನ ತೃತೀಯ ಬಿ.ಎಸ್ಸಿ ಗಣಿತಶಾಸ್ತ್ರ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಮಡಿಕೇರಿ, NITK Surathkal and Mangalore University. ಈ ಸ್ಥಳಕ್ಕೆ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಕರೆದುಕೊಂಡು ಹೋಗುವ ತಮ್ಮ ಕೋರಿಕೆಯನ್ನು ಈ ಕೆಳಕಂಡ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟು ಅನುಮತಿ ನೀಡಲಾಗಿದೆ;

1. ಪೂರ್ವಭಾವಿಯಾಗಿ ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆಯ ಅನುಮತಿ ಪಡೆಯಬೇಕು.
2. ಲಿಖಿತರೂಪದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಷಕರ ಸಮ್ಮತಿ ಪಡೆದಿರಬೇಕು.
3. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ಪ್ರಾಧ್ಯಾಪಕರ ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳ ಪಟ್ಟಿಯನ್ನು ಪೂರ್ವಭಾವಿಯಾಗಿ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
4. ಪ್ರವಾಸದಲ್ಲಿ ಭೇಟಿ ನೀಡುವ ಸ್ಥಳಗಳ ಕುರಿತಂತೆ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಲಿಖಿತರೂಪದಲ್ಲಿ ವಿವರಣೆ ನೀಡಬೇಕು ಮತ್ತು ಆ ಸ್ಥಳಗಳಿಗೆ ಮಾತ್ರವೇ ಪ್ರವಾಸ ಕಾಲದಲ್ಲಿ ಭೇಟಿ ನೀಡುವುದು. ಪಟ್ಟಿಯಲ್ಲಿಲ್ಲದ ಸ್ಥಳಗಳಿಗೆ ಭೇಟಿ ನೀಡಲು ಅನುಮತಿ ಇರುವುದಿಲ್ಲ.
5. ಅಧಿಕೃತ ಪರವಾನಗಿ ಹೊಂದಿರುವ ಸಾರಿಗೆ ವಾಹನಗಳಲ್ಲೇ ಪ್ರವಾಸವನ್ನು ಆಯೋಜಿಸಬೇಕು.
6. ಪ್ರಯಾಣದ ಸಮಯದಲ್ಲಿ ಅಧಿಕೃತ ಸಾರಿಗೆ ವಾಹನ ಹಾಗೂ ವಾಹನ ಚಾಲಕರು ಸಾರಿಗೆ ಇಲಾಖೆಯ ನಿಯಮಾವಳಿಗಳ ಅನುಸಾರ ಮೂಲ ದಾಖಲೆಗಳನ್ನು ಹೊಂದಿರಬೇಕು.
7. ಪ್ರವಾಸದ ವಾಹನ ಚಾಲಕರು ಮತ್ತು ಸಿಬ್ಬಂದಿಯ ಪೂರ್ಣ ವಿವರವನ್ನು ಕಾಲೇಜಿನಲ್ಲಿ ಹೊಂದಿರಬೇಕು.
8. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಸುರಕ್ಷತೆಯ ಜವಾಬ್ದಾರಿ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರದ್ದೇ ಆಗಿರುತ್ತದೆ.

6/1/23.

ಎಸ್.ರಾಜಶೇಖರ್,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.),
ಶಿವಮೊಗ್ಗ.

ಗೆ,

ಪ್ರಾಂಶುಪಾಲರು, ಡಿ.ವಿ.ಎಸ್ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ಪ್ರತಿ: ಕಛೇರಿ ಪ್ರತಿ

ಹ:ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ:
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

Website : www.dvsdegreecollege.org.
Email : principal.dvscollege@gmail.com
Off : 08182-278455
Fax : 08182-401592

ಡಿ.ವಿ.ಎಸ್.ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
(ನ್ಯಾಷನಲ್ ಅಸೆಸ್‌ಮೆಂಟ್ ಮತ್ತು ಅಕ್ರಡಿಟೇಷನ್ ಕೌನ್ಸಿಲ್, ಬೆಂಗಳೂರು ಇವರಿಂದ "A" ಶ್ರೇಣಿ (CGPA-3.07) ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
ಸರ್ ಎಂ.ವಿ.ರಸ್ತೆ, ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂ.81, ಶಿವಮೊಗ್ಗ – 577 201

ಕ್ರ.ಸಂ.: ಡಿವಿಎಸ್‌ಸಿ/ /2022-23 ದಿನಾಂಕ:12-01-2023

ಇವರಿಗೆ,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.),
ಶಿವಮೊಗ್ಗ.

ವಿಷಯ : ವಿದ್ಯಾರ್ಥಿಗಳ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ದಾಖಲೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತಿರುವ ಬಗ್ಗೆ

*****

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಡಿ.ವಿ.ಎಸ್ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜಿನ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ವೀಕ್ಷಣೆಗೆ ದಿನಾಂಕ: 13/01/2023 ಮತ್ತು 14/01/2023 ರಂದು ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಹೋಗಲು ಅನುಮತಿ ಪಡೆದಿರುತ್ತೇವೆ. ಇದಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ದಾಖಲೆಗಳನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಿಕೊಡುತ್ತಿದ್ದೇನೆ ಸ್ವೀಕರಿಸಬೇಕಾಗಿ ಕೋರುತ್ತೇನೆ.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಪ್ರಾಂಶುಪಾಲರು

Principal
D.V.S. College of Arts & Science
Shimoga

ಅಡಕ:

1. ಪ್ರಾಧ್ಯಾಪಕರ ಹೆಸರುಗಳು
2. ವಿದ್ಯಾರ್ಥಿಗಳ ಪಟ್ಟಿ
3. ಪ್ರವಾಸ ಮಾರ್ಗದ ವಿವರ
4. ವಾಹನ ಮತ್ತು ವಾಹನ ಚಾಲಕರ ವಿವರ

Faculty Details

Sl No	Name of the Faculty	Mobile No.
1	Mallikarjuna A N	9353579014
2	Swetha B M	8139971774
3	Renuka S	9663378203

Root Map

Day-1

Shivamogga

↓

Udupi Sri Krishna Temple

↓

Microtron center, CARRT, PURSE Lab, Physics & Mathematics Departments, Mangalore University, Mangalore.

↓

Panambur Beach

↓

Halting at Madikeri

Day-2

Mugilpete

↓

Bhagamandal Honey Bee Center

↓

Talakavery

↓

Dubaare

↓

Kaveri Nisargadhama

↓

Golden Temple

↓

Shivamogga

Head of the Department
Department of Mathmatics
D.V.S. College of Arts and Science
SHIVAMOGGA-577 201.

Principal
D.V.S. College of Arts & Science
Shimoga

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA
2022-23 III-B.Sc.- V-SEMESTER (A-Section).

List of Students Participating in Study Tour

Organized by Department of Mathematics

On 13 and 14, January-2023.

Sl No	Register No	Name	Phone number	
			Student No	Parent No
1	S2003302	ABHISHEK H M	6366162855	8296947500
2	S2003312	AISHWARYA M V	8867638945	9611746587
3	S2003313	AISHWARYA N	7483261371	8310761146
4	S2003314	AISHWARYA V S	9019009453	9591756593
5	S2003316	AKASH K J	9353324511	9380610880
6	S2003320	AMBLI KOTRESHA	8971695899	9538521489
7	S2003321	AMITHKUMAR S P	8867039221	9590373609
8	S2003322	AMRUTHA P	8762288993	9035374911
9	S2003326	ANKITHA K M	9148618928	9743661575
10	S2003334	APOORVA D R	9036613583	9008445057
11	S2003339	ARPITHA BEGURU	7204429987	9731070297
12	S2003344	B J RAKSHITHA	9482465505	9448279283
13	S2003348	BHOOMIKA G	7411136412	8197133132
14	S2003351	BHOOMIKA M L	8867505561	9980858015
15	S2003357	BINDU S V	7411020155	7892155759
16	S2003358	CHAITHRA A L	9108191804	9901187324
17	S2003363	CHANDANA C	7795165774	9741190690
18	S2003369	CHANDANA S JAGADEESH	9480285823	9480277792
19	S2003373	CHINTHANA S JAGADEESH	9480285823	9480277792
20	S2003378	DEEPIKA M E	7204112611	9980473635
21	S2003379	DHANALAKSHMI G	7349625415	7259465614
22	S2003381	DOLLINA PRAVEENA	7022614104	7022614104
23	S2003387	HARSHITHA H A	9535136807	9880325285
24	S2003388	HARSHITHA P	9606883868	7624924785
25	S2003393	JEEVAN R	7259739539	7259778701
26	S2003394	JYOTHI B K	9353809346	7019536004
27	S2003396	K JANARDHANA	8880632223	9980842104
28	S2003402	KEERTHANA P	9916313851	7829996387
29	S2003403	KEERTHANA R	6360064349	8762507336
30	S2003405	KIRAN K M	9606871679	6361847370
31	S2003406	KIRAN KUMAR G	7019463718	9480009422
32	S2003410	LAKSHMI B B	6366723235	9972667877
33	S2003413	LATHA R	8147218265	9980890591
34	S2003414	LAVANYA G S	6360728359	7353368188
35	S2003418	MADHUSHREE S T	9353641848	6361148994
36	S2003420	MAITHRI T E	6360253440	7760472140
37	S2003433	N ASHISH	8296876029	9591839908
38	S2003564	ANUSHREE G	8197217432	9880754719
39	S2003346	BHARATH K V	9380746259	7259546695
40	S2003331	ANUSHA S S	7779013030	9901118005
41	S2003329	ANU R GURUMURTHY	7795352141	7259406476
42	S2003365	CHANDANA N	8951454626	9972983958
43	S20003362	CHANDANA B P	8296878139	8277844089
44	S2003367	CHANDANA N R	7411308089	9740350589

17/1/23

Head of the Department
Department of Mathmatics
D.V.S. College of Arts and Science
SHIMOGA-577201.

Principal
D.V.S. College of Arts & Science
Shimoga

॥ ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ: ॥

ದೇಶೀಯ ವಿದ್ಯಾ ಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

ಸರ್.ಎಂ.ವಿ ರಸ್ತೆ, ಬಸವೇಶ್ವರ ಸರ್ಕಲ್, ಶಿವಮೊಗ್ಗ–577 201

Desheeya Vidya Shala Samithi (R.), Shivamogga.

Sir M.V.Road, Basaveshwara Circle, Shivamogga- 577201. (Karnataka)

Phone: 08182-223802

Estd : 1943

ನಂ. ಡಿವಿಎಸ್ ಎಂ.ಸಿ/ 362/2023–24 ದಿನಾಂಕ: 12.07.2023

–: ಜ್ಞಾಪನಾ :–

ವಿಷಯ: ಎರಡು ದಿನದ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಕರೆದುಕೊಂಡು ಹೋಗಲು ಅನುಮತಿ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: ತಮ್ಮ ಕಛೇರಿಯ ಪತ್ರ ಸಂಖ್ಯೆ : ಡಿವಿಎಸ್‌ಸಿ/307/2023–24, ದಿನಾಂಕ: 11.07.2023

* * * * * * *

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಉಲ್ಲೇಖಿತ ಪತ್ರದಲ್ಲಿ ತಮ್ಮ ಕಾಲೇಜಿನ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು ದಿನಾಂಕ: 14.07.2023 ಮತ್ತು 15.07.2023 ರಂದು ತಮ್ಮ ಕಾಲೇಜಿನ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ವಿಶ್ವೇಶ್ವರಯ್ಯ ಮ್ಯೂಸಿಯಂ, ಬೆಂಗಳೂರು, ಮೈಸೂರು, ಮಡಿಕೇರಿ ಸ್ಥಳಗಳಿಗೆ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಕರೆದುಕೊಂಡು ಹೋಗುವ ಕುರಿತಂತೆ ಮಾಡಿಕೊಂಡಿರುವ ಮನವಿಯನ್ನು ಪರಿಗಣಿಸಿ, ಈ ಕೆಳಕಂಡ ನಿಯಮಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಪಾಲಿಸಿಕೊಂಡು ಹೋಗುವ ನಿಬಂಧನೆಗಳೊಂದಿಗೆ ಗಣಿತ ಶಾಸ್ತ್ರ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಸದರಿ ಸ್ಥಳಗಳಿಗೆ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಕರೆದುಕೊಂಡು ಹೋಗುವ ಬಗ್ಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ;

1. ಪೂರ್ವಭಾವಿಯಾಗಿ ಪದವಿ ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆಯ ಅನುಮತಿ ಪಡೆಯಬೇಕು / ಮಾಹಿತಿ ನೀಡಬೇಕು.
2. ಲಿಖಿತ ರೂಪದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಷಕರ ಸಮ್ಮತಿ ಪಡೆದಿರಬೇಕು.
3. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ಪ್ರಾಧ್ಯಾಪಕರುಗಳು ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳ ಪಟ್ಟಿಯನ್ನು ಪೂರ್ವಭಾವಿಯಾಗಿ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
4. ಅಧಿಕೃತ ಪರವಾನಗಿ ಹೊಂದಿರುವ ಸಾರಿಗೆ ವಾಹನಗಳಲ್ಲೇ ಪ್ರವಾಸವನ್ನು ಆಯೋಜಿಸಬೇಕು.
5. ಅಪಾಯಕಾರಿ ಪ್ರದೇಶಗಳ ಬಳಿ ಯಾವ ಕಾರಣದಿಂದಲೂ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೋಗಲು ಬಿಡಬಾರದು.
6. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳಲಿರುವ ಪ್ರತಿಯೊಬ್ಬರೂ ಪ್ರವಾಸದ ಸಂಪೂರ್ಣ ಅವಧಿಯಲ್ಲಿ ಶಿಸ್ತು ಮತ್ತು ಸಭ್ಯತೆಗಳಿಂದ ವರ್ತಿಸಬೇಕು ಹಾಗೂ ಯಾವುದೇ ಅಹಿತಕರ ಘಟನೆಗಳು ಸಂಭವಿಸದಂತೆ ಮುಂಜಾಗೃತ ಕ್ರಮಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದು.
7. ಪ್ರಯಾಣದ ಸಮಯದಲ್ಲಿ ಅಧಿಕೃತ ಸಾರಿಗೆ ವಾಹನ ಹಾಗೂ ವಾಹನ ಚಾಲಕರು ಸಾರಿಗೆ ಇಲಾಖೆಯ ನಿಯಮಾವಳಿಗಳ ಅನುಸಾರ ಮೂಲ ದಾಖಲೆಗಳನ್ನು ಹೊಂದಿರಬೇಕು.
8. ಪ್ರವಾಸದ ವಾಹನ ಚಾಲಕರು ಮತ್ತು ಸಿಬ್ಬಂದಿಯ ಪೂರ್ಣ ವಿವರವನ್ನು ಕಾಲೇಜಿನಲ್ಲಿ ಹೊಂದಿರಬೇಕು.
9. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಸುರಕ್ಷತೆಯ ಜವಾಬ್ದಾರಿ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರದ್ದೇ ಆಗಿರುತ್ತದೆ.
10. ಪ್ರವಾಸದಿಂದ ಹಿಂತಿರುಗಿದ ತರುವಾಯ ಸದರಿ ಪ್ರವಾಸದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಲಭ್ಯವಾದ ಶೈಕ್ಷಣಿಕ ಜ್ಞಾನಾರ್ಜನೆಯ ಅಂಶಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ಪ್ರವಾಸದ ಬಗ್ಗೆ ವರದಿಯನ್ನು ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸುವುದು.

HOD,
Dept. of Maths
13/7/23

ಎಸ್. ರಾಜಶೇಖರ್,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.),
ಶಿವಮೊಗ್ಗ.

ಗೆ,

13/7/23

ಪ್ರಾಂಶುಪಾಲರು,
ಡಿವಿಎಸ್ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.
ಪ್ರತಿ: ಕಛೇರಿ ಪ್ರತಿ.

ಇಂದ,

ಮುಖ್ಯಸ್ಥರು,
ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗ,
ಡಿ.ವಿ.ಎಸ್. ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು,
ಶಿವಮೊಗ್ಗ.

ಇವರಿಗೆ,

ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ(ರಿ.),
ಶಿವಮೊಗ್ಗ.

"ಸಮುಚ್ಚಿತ ಮಾರ್ಗದಲ್ಲಿ"

ಮಾನ್ಯರೆ,

ವಿಷಯ : ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ವಿವರಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತಿರುವ ಕುರಿತು.
ಉಲ್ಲೇಖ : ತಮ್ಮಕಚೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಡಿ.ವಿ.ಎಸ್.ಎಂ.ಸಿ./362/2023-24, ದಿನಾಂಕ:12.07.2023.

* * * * *

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ತಾವುಗಳು ಉಲ್ಲೇಖ-1 ರ ಪತ್ರದಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕರ ಹೆಸರುಗಳು ಮತ್ತು ವಿದ್ಯಾರ್ಥಿಗಳ ಪಟ್ಟಿಯನ್ನು ಹಾಗೂ ತೆರಳಲಿರುವ ವಾಹನ ಮತ್ತು ವಾಹನ ಚಾಲಕನ ಪರವಾನಗಿಗಳನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸುತ್ತಾ ತಮ್ಮ ಅವಗಾಹನೆಗೆ ಸಲ್ಲಿಸಿದೆ.

ವಂದನೆಗಳೊಂದಿಗೆ

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ದಿನಾಂಕ:13.07.2023
ಸ್ಥಳ : ಶಿವಮೊಗ್ಗ

[Dr. Chandru. K.]
Head of the Department
Department of Mathmatics
D.V.S. College of Arts and Science
SHIVAMOGGA-577 201.

Seen
M.V.
13/7/23

Principal
D.V.S. College of Arts & Science
Shimoga

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

List of Students Participating in Study Tour On 14 & 15th July 2023

Organized by Department of Mathematics

III-BSc (C-Section)

Sl No	Register No	Name
1	S2003309	AISHWARYA H S
2	S2003318	AKSHATHA B E
3	S2003323	ANANYA BHAT S
4	S2003332	ANVITHA L S
5	S2003359	CHANDAN L
6	S2003371	CHETHAN C
7	S2003372	CHETHANA S BARVE
8	S2003374	DARSHAN G E
9	S2003390	INCHARA R
10	S2003407	KOMAL NAZREEN S
11	S2003409	KUSUMA S
12	S2003411	LAKSHMI H B
13	S2003421	MANASA D B
14	S2003425	MEGHANA K R
15	S2003452	PRAJWAL M
16	S2003453	PRAJWAL M K
17	S2003461	PUSHPA G S
18	S2003476	SAHANA B K
19	S2003483	SANCHITHA JOIS H
20	S2003492	SHARATH KUMAR R
21	S2003498	SINCHANA B R
22	S2003524	VARSHA C
23	S2003527	VARUN PATIL S R
24	S2003530	VINDHYA H G
25	S2003539	AGASTHYA S R
26	S2003541	BHAVANA R S

Head of the Department
Department of Mathmatics
D.V.S. College of Arts and Science
SHIVAMOGGA-577 201.

Principal
D.V.S. College of Arts & Science
Shimoga

Faculty Details

Sl No	Name of the Faculty	Mobile No.
1	Mallikarjuna A N	9353579014
2	Aniruddha S	7019903051
2	Nanditha A	8217312638
3	Manavi Patel V. C.	6364536971

Root Map

Day-1

Shivamogga

↓

Madikeri, Nisarga Dhama

↓

Raja Seat, Thala Kaveri, Golden Temple.

↓

Kushal Nagara

↓

Halting at Madikeri

Day-2

Mysore

↓

Chamundi Hills, Mysore Zoo

↓

Mysore University

↓

RIMS Mysore Campus AISHE

↓

KRS Dam

↓

Shivamogga

Head of the Department
Department of Mathmatics
D.V.S. College of Arts and Science
SHIVAMOGGA-577 201.

Principal
D.V.S. College of Arts & Science
Shimoga

From: **26.01.2023**

Prof. N. KUMARASWAMY
H.O.D & Assistant Professor
Dept. of ZOOLOGY
D.V.S. College of Arts & Science
Shivamogga.

To:

The Principal
DVS College of Arts and Science, Shimoga

Dear Sir,

SUB: Request letter to permit our college III BSC students to visit your organization on 27.01.2023 (Around 10.30 AM)

With reference to the above cited subject I would like to inform you that our college students studying in III BSc are on a field trip and they are supposed to visit Diary to have knowledge about processing and preservation of milk. This field trip is prescribed in their syllabus and part of their curriculum & they have to submit a report on the field trip for their practical examination. This team is escorted by faculty members Sri. N. Kumaraswamy, Smt. Pruthvi. K.J, Mangala. D.H, Samhitha Mahima Bhargav, Smt. Sahana.G.& D.B. Prakash.

In this regard I request your good self to kindly permit them & oblige.

Thanking you,

Yours Truly

(Prof. N. KUMARASWAMY)

D.V.S.College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

(Accredited from National Assessment & Accreditation Council at the B+ Level)

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DEPARTMENT OF ZOOLOGY

REPORT ON FIELD TRIP

ORGANISED BY: Department of Zoology

DATE: 27.01.2023

Our department students studying in III BSc are on a field trip and they are supposed to visit Diary to have knowledge about processing and preservation of milk. This field trip is prescribed in their syllabus and part of their curriculum &they have to submit a report on the field trip for their practical examination. First we first visited sericulture farm at Santhekadur… Students studied life cycle of silkworm, and visited the dairy, Machenahalli and studied processing and preservation of milk.

After the lunch, we visited aquaculture farm in BRP. The students could notice the culturing of carps, induced breeding and transportation of fingerlings. And later we visited Amruthapura temple in Tharikere. All the final year students have actively participated in the field trip and they have submitted the field trip reports.

D.V.S. College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

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Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DEPARTMENT OF ZOOLOGY

STUDENTS ATTENDED FOR FIELD TRIP

This field trip is prescribed in their syllabus and part of their curriculum, every final year students have attended the field trip.

Abhishek B M	Asha A	Hogirana M	Saniya Tabassum	Sharath Kumar
Adarsh S	Bharath C M	KMP Preethi	Shazain	Soumya H R
Adithya V Naik	Bhoomika K S	Kavana K M	Soujanya S	Thanushri A S
Afeefe Kounain	Chandan S	Kavya K M	Soumya C P	Varsha H M
Aiman Khanum	Chandana H S	Latha A Y	Soumyashree	Varshini J R
Aishwarya M	Chandrashekara	Manasa A M	Spoorthi H M	Vinutha B C
Alwin M Alex	Deepashree H R	Muruli	Srilakshi	Yashavantha A S
Anusha C G	Deepika B K	Nanditha	Srimath	Shripriya S Sapare
Aparna V R	Dhanyashree Narayan	Nisarga M P	Suchithra M G	Pruthvi Kumar
Arshiya	Nisha G K	S Gayana	Suraj G H	Sanchitha
Arundati R	Pavan Kumar M C	Saniya N	Swathi D S	

PHOTO GALLERY

vivo Y33s
Jan 27, 2023, 16:14

From: **04.06.2023**

Prof. N. KUMARASWAMY
H.O.D & Assistant Professor
Dept. of ZOOLOGY
D.V.S. College of Arts& Science
Shivamogga.

To:

The Principal
DVS College of Arts and Science, Shimoga

Dear Sir,

SUB: Request letter to permit our college III BSC students to visit Sakrebailu Elephant camp

With reference to the above cited subject I would like to inform you that our college students studying in III BSc are on a field trip and they are supposed to visit Sakrebailu Elephant Camp on eve of celebration of World environmental day on 05/06/2023. In this regard I request your good self to kindly permit them & oblige.

Thanking you,

Yours Truly

(Prof N. KUMARASWAMY)

D.V.S.College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

(Accredited from National Assessment & Accreditation Council at the B+ Level)

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DEPARTMENT OF ZOOLOGY

REPORT ON FIELD TRIP TO SAKREBAILU ELEPHANT CAMP ON THE OCCASION OF ENVIRONMENTAL DAY

ORGANISED BY: Department of Zoology

DATE: 05/06/2023

Our department students studying in III BSc are taken to a field trip to Sakrebailu elephant camp on world environmental day. The bus facility was provided by our management to take our students. The program was organized by government association and students were given the demo of seed ball preparation and students have made many seed balls.

The planting of seedlings was undertaken on the account of environmental day and Minister Araga Jnanedra has visited and given the speeches on the occasion.

The students were having painting competition about the protecting the nature and many of our students have won the prizes and made our department proud.

D.V.S.College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

(Accredited from National Assessment & Accreditation Council at the B+ Level)

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State

DEPARTMENT OF ZOOLOGY

STUDENTS ATTENDED FOR FIELD TRIP

Kavya K M	Dhanyashree Narayan	Hogirana M	Nanditha	Sharath Kumar
Shripriya S Sapare	Bharath C M	KMP Preethi	Suchitra	Soumya H R
Pruthvi Kumar	Bhoomika K S	Kavan K M	Soujanya S	Thanushri A S
Aiman Khanum	Chandana H S	Latha A Y	Soumyashree	Varshini J R
Aishwarya M	Muruli	Manasa A M	Spoorthi H M	Vinutha B C
Deepika B K	Deepashree H R	Vaishnavi	Yashavantha A S	

MINISTRY OF TOURISM
Karnataka
G20
अतुल्य भारत
Incredible India
SHIVAMOGGA
WORLD ENVIRONMENT DAY
WORLD ENVIRONMENT DAY
Incredible Shivamogga

SAKREBAILU ELEPHANT CAMP

॥ ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ: ॥

ದೇಶೀಯ ವಿದ್ಯಾ ಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

ಸರ್.ಎಂ.ವಿ ರಸ್ತೆ, ಬಸವೇಶ್ವರ ಸರ್ಕಲ್, ಶಿವಮೊಗ್ಗ–577 201

Desheeya Vidya Shala Samithi (R.), Shivamogga.

Sir M.V.Road, Basaveshwara Circle, Shivamogga- 577201. (Karnataka)

Phone: 08182-223802

Estd : 1943

ನಂ.ಡಿ.ವಿ.ಎಸ್.ಎಂಃ/ 306 /2023–24 ದಿನಾಂಕ: 28.06.2023

–: ಜ್ಞಾಪನಾ :–

ವಿಷಯ: ತಮ್ಮ ಕಾಲೇಜಿನ ದ್ವಿತೀಯ ಬಿ.ಎಸ್ಸಿ ವಿಭಾಗದ ಅರ್ಥಶಾಸ್ತ್ರ ಮತ್ತು ಸಮಾಜಶಾಸ್ತ್ರ ಓಪನ್ ಎಲೆಕ್ಟೀವ್ ತರಗತಿಯ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಕ್ಷೇತ್ರಕಾರ್ಯ ವೀಕ್ಷಣೆಗೆ ಕರೆದುಕೊಂಡು ಹೋಗಲು ಅನುಮತಿ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ತಮ್ಮ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಡಿವಿಎಸ್ಃ/243/2023–24, ದಿನಾಂಕ :27.06.2023

****

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟಂತೆ ಉಲ್ಲೇಖಿತ ಪತ್ರದ ರೀತ್ಯಾ ತಾವು ದಿನಾಂಕ: 01.07.2023 ರಂದು ತಮ್ಮ ಕಾಲೇಜಿನ ದ್ವಿತೀಯ ಬಿ.ಎಸ್ಸಿ ಅರ್ಥಶಾಸ್ತ್ರ ಮತ್ತು ಸಮಾಜಶಾಸ್ತ್ರ ಓಪನ್ ಎಲಕ್ಟೀವ್ ಪದವಿಯ ವಿದ್ಯಾರ್ಥಿಗಳನ್ನು ಕ್ಷೇತ್ರಕಾರ್ಯ ವೀಕ್ಷಣೆಗೆ ಚಿಕ್ಕಮಗಳೂರು ಜಿಲ್ಲೆಯ ಕಾಫಿ ಉತ್ಪಾದಕ ಕೈಗಾರಿಕೆಗಳ ವೀಕ್ಷಣೆಗೆ ತಮ್ಮ ಕಾಲೇಜಿನ ಅರ್ಥಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಶ್ರೀ ಅರವಿಂದ.ಜಿ.ವಿ ಮತ್ತು ಸಮಾಜಶಾಸ್ತ್ರ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರಾದ ಶ್ರೀಮತಿ ಪವಿತ್ರ.ಹೆಚ್.ಎಸ್., ಇವರುಗಳ ನೇತೃತ್ವದಲ್ಲಿ ಕರೆದುಕೊಂಡು ಹೋಗುವ ಕುರಿತು ತಾವು ಮಾಡಿಕೊಂಡಿರುವ ಮನವಿಯನ್ನು ಪರಿಶೀಲಿಸಿ, ಈ ಕೆಳಕಂಡ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟು ಸದರಿ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಕರೆದುಕೊಂಡು ಹೋಗುವಂತೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ;

1. ಪೂರ್ವಭಾವಿಯಾಗಿ ಕಾಲೇಜು ಶಿಕ್ಷಣ ಇಲಾಖೆಯ ಅನುಮತಿ ಪಡೆಯಬೇಕು.
2. ಲಿಖಿತರೂಪದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಷಕರ ಸಮ್ಮತಿ ಪಡೆದಿರಬೇಕು.
3. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ಪ್ರಾಧ್ಯಾಪಕರ ಹಾಗೂ ವಿದ್ಯಾರ್ಥಿಗಳ ಪಟ್ಟಿಯನ್ನು ಪೂರ್ವಭಾವಿಯಾಗಿ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
4. ಪ್ರವಾಸದಲ್ಲಿ ಭೇಟಿ ನೀಡುವ ಸ್ಥಳಗಳ ಕುರಿತಂತೆ ಆಡಳಿತ ಮಂಡಳಿಗೆ ಲಿಖಿತರೂಪದಲ್ಲಿ ವಿವರಣೆ ನೀಡಬೇಕು ಮತ್ತು ಆ ಸ್ಥಳಗಳಿಗೆ ಮಾತ್ರವೇ ಪ್ರವಾಸ ಕಾಲದಲ್ಲಿ ಭೇಟಿ ನೀಡುವುದು. ಪಟ್ಟಿಯಲ್ಲಿಲ್ಲದ ಸ್ಥಳಗಳಿಗೆ ಭೇಟ ನೀಡಲು ಅನುಮತಿ ಇರುವುದಿಲ್ಲ.
5. ಅಧಿಕೃತ ಪರವಾನಗಿ ಹೊಂದಿರುವ ಸಾರಿಗೆ ವಾಹನಗಳಲ್ಲೇ ಪ್ರವಾಸವನ್ನು ಆಯೋಜಿಸಬೇಕು.
6. ಪ್ರಯಾಣದ ಸಮಯದಲ್ಲಿ ಅಧಿಕೃತ ಸಾರಿಗೆ ವಾಹನ ಹಾಗೂ ವಾಹನ ಚಾಲಕರು ಸಾರಿಗೆ ಇಲಾಖೆಯ ನಿಯಮಾವಳಿಗಳ ಅನುಸಾರ ಮೂಲ ದಾಖಿಲೆಗಳನ್ನು ಹೊಂದಿರಬೇಕು.
7. ಪ್ರವಾಸದ ವಾಹನ ಚಾಲಕರು ಮತ್ತು ಸಿಬ್ಬಂದಿಯ ಪೂರ್ಣ ವಿವರವನ್ನು ಕಾಲೇಜಿನಲ್ಲಿ ಹೊಂದಿರಬೇಕು.
8. ಪ್ರವಾಸದ ಸಮಯದಲ್ಲಿ ಭೇಟಿ ನೀಡುವ ಸ್ಥಳಗಳು ಹಾಗೂ ವಿಹಾರ ಧಾಮಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಸುರಕ್ಷತೆಯ ಬಗ್ಗೆ ತೀವ್ರ ಎಚ್ಚರಿಕೆ ವಹಿಸುವುದು ಪ್ರವಾಸವನ್ನು ಆಯೋಜಿಸಿದ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು ಮತ್ತು ಪ್ರವಾಸಕ್ಕೆ ತೆರಳಿದ ಸಿಬ್ಬಂದಿಗಳ ಜವಾಬ್ದಾರಿಯಾಗಿರುತ್ತದೆ.
9. ಪ್ರವಾಸಕ್ಕೆ ತೆರಳುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಸುರಕ್ಷತೆಯ ಜವಾಬ್ದಾರಿ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರದ್ದೇ ಆಗಿರುತ್ತದೆ.

Copy to
HOD, Economics & Sociology.
28/6/23

ಎಸ್.ರಾಜಶೇಖರ್.
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.),
ಶಿವಮೊಗ್ಗ.

ಗೆ,
ಪ್ರಾಂಶುಪಾಲರು, ಡಿ.ವಿ.ಎಸ್ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ಪ್ರತಿ: ಕಛೇರಿ ಪ್ರತಿ

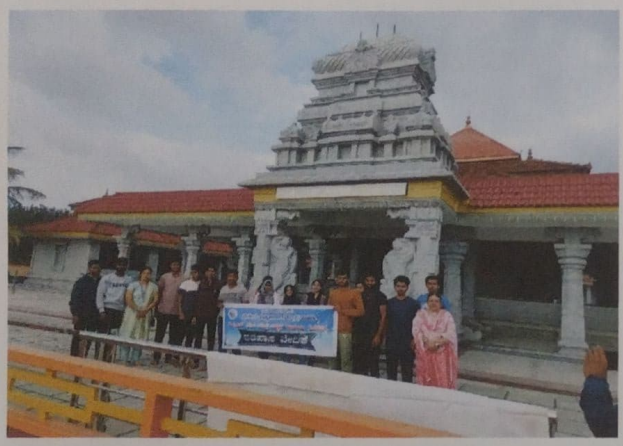
Field visit - open Ele (BSC)

86

II BSC (OE) - Kar. Eco - 1-7-2023

1) Meghnas Rural Ele.
2) Adibha -
3) Sangeetha K
4) Misbah Kamkab.
5) Suaetha. L
6) Shreya. N. Shambhag.
7) Lohith B. V
8) Prajwal. M.S
9) Nikas D. S
10) Padma. B.S
11) Punith. M
12) Saniya.
13) Madhushree.
14) Sumayafatima.
15) Shamnaze.
16) Bindushree.
17) Priya.
18) Sinchana S.M.
19) Meghana. S.
20) Chathan. B.T.
21) Rakshitha K.L.
22) Rajani. K
23) Lavanya.
24) Sinchana S.M.
25) Meghana. S.S.
26) Vidyashree. B.
27) Sigandhu.
28) Nirmala. M.B
29) Lohith-N
30) Asriya.
31) Pratiksha.
32) Vasha.

DEPARTMENT OF URDU



Open Elective Field Visit

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Basic Transaction App"

Is a bonafide work carried out by

Mohammad Suhail	Regno BC200438
Mohammad Zaid	Regno BC200439
Syed Mudabbir Ahamed	Regno BC200466

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Nethravathi H

Mrs. Nethravathi M.Tech.MPhil
Head, Dept., of CS

Department of Computer Science
D. V. S. College of Arts & Science

VALUED

Signature of the examiners

1. Examiners :

2. 1) ----------

2) ----------

Date 24/8/23

Nethravathi H

Mrs. Nethravathi M.Tech.MPhil
Head, Dept., of CS

Head department of Computer Scie.
D. V. S. College of Arts & Science
Shimoga - 577 201.

Date:

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shivamogga - 577 201

Deeshiya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"GREEN LIFE GARDEN"

Is a bonafide work carried out by

ABDUL NASIR	BC200401
NITHISH D	BC200442
P CHETHAN KUMAR	BC200444
PRAMOD N BHAT	BC200445

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Mrs. Vaishnavi R MCA
Asst Professor,
Department of Computer Science
SHIVAMOGGA - 577201

Department of Computer Science
D.V.S. College of Arts & Science
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Signature of the examiners

1. Examiners
2. 1) ----------
   2) ----------

Date 24/08/23

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Head department of Computer Science
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Shimoga - 577 201.

Date:

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Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"AGE DETECTION AND GAS LEAKAGE DETECTION USING ML AND IOT"

Is a bonafide work carried out by

AMRUTHA P	BC200406
ROJA G	BC200452
RAKESH T M	BC200448
ABHISHEK G E	BC200404

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Department of Computer Science
D. V. S. College of Arts & Science
Signature of the examiners
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1. Examiners
1) ...
2. ...
2) ...

24/8/23

Date:

Deeshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Chatbot Tourist Guide"

Is a bonafide work carried out by

Ananyashree C M	BC200407
Deepthi K	BC200420
Bhavani K	BC200416
Harshitha M Zharapla	BC200423

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D. V. S. College of Arts & Science
VALUED
Examiners
1) 24/8/23
2)
Date 24/8/23

Signature of the examiners

1.

2.

Deshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Online Beverages E-Commerce System"

Is a bonafide work carried out by

Karthik U Rao	BC-200425
Abdul Raziq	BC-200402
Ram Vilas K S	BC-200450

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Mrs. Vaishnavi R. MCA

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Examiners :

Signature of the examiners

1) ____

1. ____

2) ____

2. ____

Date... 24/8/23

Guide:

Nethravathi -H

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Deeshiya Vidya Shala ®

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Department of Computer Science

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This is to certify that the project work entitled

"E Healthcare Management System"

Is a bonafide work carried out by

Meena A	**BC200433**
Varshini Tapsee	**BC201743**
Ankitha R	**BC200447**
Sandhya M N	**BC200456**
Shwetha K	**BC200462**

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Examiners :

1.1) Sala N.S. 24/8/23

2.2)

Date... 24/08/23

Nethravathi H

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Shimoga - 577 201.

Date:

Deeshiya Vidya Shala ®

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Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Veterinary Inventory Management – Online Shopping"

Is a bonafide work carried out by

AKSHATHA P C	**BC200405**
ANUSHA T M	**BC200410**
ARPITHA C R	**BC200411**
SHRIYA GURURAJ HEGDE	**BC200461**

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications of Kuvempu University, Shankarghatta, during the year 2022 – 23.

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Asst Professor, Dept., of CS

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Signature of the examiners

Examiners :

1. 1) 24/8/23

2. 2)

Date... 24/08/23

Nethravathi H

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Head department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201

Date:

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shivamogga - 577 201

Desheeya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"ONLINE TOLL PLAZA"

Is a bonifide work carried out by

KEERTHI KUMAR R	**BC200427**
KIRAN R	**BC200428**
NOOTHAN K P	**BC200443**
SAMEER AHMED	**BC200455**

The student of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

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Head of Department

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Head Department of Computer Scie...
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Signature of the examiners

Examiners :

1. 1) 24/8/23

2. 2) 24/08/23

Deeshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Online Grocery Sales And Inventory System"

Is a bonafide work carried out by

Deepika S	BC200419
Anu G M	BC200409
Arpitha J	BC200412
Madhushree B M	BC200431

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

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Signature of the examiners

1. 1) 24/8/23

2. 2)

Date .. 24/08/23

Nethravathi H

Mrs. Nethravathi H M.Tech.MPhil

Head, Dept., of CS

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D. V. S. College of Arts & Science
Shimoga - 577 201.

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DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shivamogga - 577 201

Desheeya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"Fitness Portal - A Fitness Website"

Is a bonafide work carried out by

SUPRITH V	**BC200465**
VINAYAK MAYACHARI	**BC200468**
SUNIL KUMAR R	**BC200464**
SANTHOSHACHARI A	**BC200459**

The student of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications of Kuvempu University, Shankarghatta, during the year 2022 – 23.

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Department of Computer Science
D.V.S. College of Arts & Science
VALUED

Signature of the examiners

Examiners :

1. 1) [signature] 24/8/23

2. 2) [signature]

Date 24/08/23

Head of Department

Nethravathi H

Mrs. Nethravathi .H M. Tech. MPhil
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D. V. S. College of Arts & Science
Shimoga - 577 201.

Date: 24/08/2023

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Department of Computer Science

Shivamogga - 577 201

Desheeya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"Fake Product Review and Monitoring"

Is a bonafide work carried out by

AYUB ULLA BAIG	BC200414
AYESHA MEHVEEN	BC200413

The student of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

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SHIVAMOGGA - 577201

Head of Department

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Mrs. Nethravathi .H M. Tech. MPhil
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Head department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201.

Date: 24/08/2023

Signature of the Examiners
Department of Computers Science
D. V. S. College of Arts & Science

1. VALUED
2. Examiners :
   1) 24/8/23
   2)
   Date 24/08/23

DeeshiyaVidyaShala®

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Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"RTO MANAGEMENT SYSTEM"

Is a bonafide work carried out by

KISHOR KUMAR NT	**BC200429**
SAMARTH NR	**BC200454**
SANTHOSH KG	**BC200458**
THIPPESWAMY M	**BC200467**

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

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Shivamogga 577 201

Nethravathi.H

Mrs. Nethravathi M.Tech.MPhil
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D. V. S. College of Arts & Science
Shimoga - 577 201.

Department of Computer Science
HOD, Asst. Professor
Department of Computer Science
Shivamogga 577 201

VALUED

Examiners :

Signature of the examiners

1) _____ 24/8/23

2) _____

Date 24/08/23

Date:24/08/2023

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shivamogga - 577 201

Deeshiya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"PRE-RESEARCH E-LERNING FOR SCHOLARS"

Is a bonafide work carried out by

B R RAKSHITHA	BC200415
KAVYA A M	BC200426
MEGHANA D	BC200434
SWATHI M	BC200470

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Nethravathi H

Mrs. Nethravathi .H M. Tech, MPhil
HOD, Asst Professor,
Department of Computer Science

Head of Department

Nethravathi H

Mrs. Nethravathi .H M. Tech. M.Phil
HOD, Asst Professor
Department of Computer Science

Head department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201

Date:

Signature of the examiners

Department of Computer Science
D. V. S. College of Arts & Science

1. _____

2. VALUED

Examiners :

1) _____ 24/8/23

2) _____

Date 24/08/23

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shivamogga - 577 201

Deeshiya Vidya Shala ®

CERTIFICATE

This is to certify that the project work entitled

"EMOTION BASED MUSIC RECOMMENDATION AND DRIVING STATUS"

Is a bonafide work carried out by

MEGHANA Y A	BC200435
MISBA KHANUM	BC200437
RATEEBA MEHEK	BC200451
SUGHRA KHANUM	BC200463

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Nethravathi H

Mrs. Nethravathi .H M. Tech, MPhil
HOD, Asst Professor,
Department of Computer Science

Head of Department

Nethravathi .H

Mrs. Nethravathi .H M. Tech. M
HOD, Asst Professor
Department of Computer Science

Head Department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201.

Date:

Signature of Examiners

Department of Computer Science
D. V. S. College of Arts & Science

1. VALUED

2.

Examiners :

1) 24/8/23

2)

Date

Deeshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Online Reporter With Restricted Abusing Words"

Is a bonafide work carried out by

Yogesh K R	BC-200469
Lingaraju S G P	BC-200430
Halesh D R	BC-200422
Sanjay B M	BC-200457

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Application of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Vaishnavi.R

Mrs. Vaishnavi R MCA
Asst Professor, Dept., of CS

Department of Computer Science
D. V. S. College of Arts & Science

VALUED

Signature of the examiners

Examiners :

1. 1) .....

2. 2) .....

Date: 24/8/23

Nethravathi H

Mrs. Nethravathi H M.Tech.MPhil

Head, Dept., of CS

Head department of Computer Sci
D. V. S. College of Arts & Science
Shimoga - 577 201.

Date:

Deeshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"ACCIDENT PREVENTION USING MULTIPLE SENSORS"

Is a bonafide work carried out by

BHOOMIKA B	**BC200417**
PRIYANKA M S	**BC200446**
MEHERUN M M	**BC200436**
NIROSH E	**BC200440**

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Vaishnavi R

Mrs. Vaishnavi R, MCA

Asst Professor, Dept., of CS

Guide:

Nethravathi H

Mrs. Nethravathi M.Tech.MPhil

Head, Dept., of CS

Signature of the examiners

1. _____ 24/8/23

2. _____ 24/08/23

Date:

Deeshiya Vidya Shala ®

DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer Science

Shimoga - 577 201

CERTIFICATE

This is to certify that the project work entitled

"Data Storage Security in Cloud Computing"

Is a bonafide work carried out by

Sachin H	BC200453
Ankitha H R	BC200408
Mansi Mahanthesh	BC200432
Vasanth H V	BC200421

The students of VI semester BCA, under the supervision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Computer Applications of Kuvempu University, Shankarghatta, during the year 2022 – 23.

Guide:

Vaishnavi.R

Department of Computer Science
D.V.S. College of Arts & Science

Mrs. Vaishnavi R MCA

VALUED

Asst Professor, Dept., of CS

Examiners :

Signature of the examiners

1) .....

1. _____

2) .....

2. _____

Date .. 24/8/23

Nethravathi H

Mrs. Nethravathi H M.Tech.MPhil

Head, Dept., of CS

Head department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201.

Date:

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"Study of Morphological, Nutritional and Medicinal Importance of Star Fruit (*Averrhoa carambola* L.)- an Underutilized Fruit"

Submitted by

Miss. ARSHIYA S	Reg. Number: S2003340
Miss. KAVYA K. M	Reg. Number: S2003399
Miss. LATHA A.Y	Reg. Number: S2003412
Mr. SURAJ G. H	Reg. Number: S2003515
Miss. K.M.P PREETHI	Reg. Number: S2003544
Miss. NISHA G. K	Reg. Number: S2004831

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Under the supervision of

Mr. Shrinivas Lamani M. Sc., NET., (Ph. D.)

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

Certificate

This is to certify that project entitled "Study of Morphological, Nutritional and Medicinal Importance of Star Fruit (*Averrhoa carambola* L.)- an Underutilized Fruit" carried out by ARSHIYA S (Register No.: S2003340), KAVYA K. M (Reg. Number S2003399), LATHA A. Y (Reg. Number: S2003412), SURAJ G. H (Reg. Number: S2003515), K.M.P PREETHI (Reg. Number: S2003544), NISHA G. K (Reg. Number: S2004831) and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by KuvempuUniversity, for the academic year 2022-23

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Mr. Sudhakara H.N. M. Sc., M.Phil.
Head
Department of Botany
D V S College of Arts and Science
Shimoga-577201

Dr. M. Venkatesh. M.A., Ph. D.
Principal
D V S College of Arts and Science
Shimoga-577201

VALUED
EXAMINERS:
1. 21/8
2. 21/08/23

Place: Shivamogga
Date: 19/08/2023

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS AND SCIENCE

Shimoga - 577 201

DEPARTMENT OF BOTANY

PROJECT

" Identification and Documentation of Few Flora in the Campus Of DVS " – A Field study

Submitted
By

ABHISHEK BM(S2003301), DEEPAK R (S2003376), MAHIMA SAROOP K(S2003419), MANASA A M (S2003546), SHASHANK U BANGARA (S2003495), THANUSHRI AS (S2003521)

In partial fulfillment for the award of Bachelor of Science (CBZ)
Kuvempu University
Academic year 2022-2023.

GUIDE

Dr. H.V.ANIL KUMAR. M.Sc.,(seri), PhD.FZSI

Associate Professor of Sericulture

Department of Environmental Science & Laboratory of Applied Biological Science.

DVS. College of arts and science

SHIVAMOGGA – 577201

Certificate

This is to certify that project entitled "Identification and Documentation of Few Flora in the Campus of DVS" - A Field study carried out by ABHISHEK B M (S2003301), DEEPAK R (S2003376), MAHIMA SAROOP K (S2003419), MANASA A M (S2003546), SHASHANK U BANGARA (S2003495), THANUSHRI A S (S2003521) and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2022-2023.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

PRINCIPAL
DVS College of Arts &Science,
Shivamogga.

Date
Place:

VALUED
EXAMINERS:
1.
2.

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS AND SCIENCE

Shimoga - 577 201

DEPARTMENT OF BOTANY

PROJECT

"Plant Propagation – Studies on Vegetative Propagation Techniques"

Submitted
By

ALWIN M ALEX (S2003319), ASHA A (S2007524), DHANYASHREE NARAYAN (S2003380), PAVAN KUMAR MC (S2003449), SRIMANTH R (S2003509), YASHASWINI B S (S2003535)

In partial fulfillment for the award of Bachelor of Science (CBZ)
Kuvempu University
Academic year 2022-2023.

GUIDE

Dr. H.V.ANIL KUMAR. M.Sc.,(seri),PhD.FZSI

Associate Professor of sericulture

Department of Environmental Science & Laboratory of Applied Biological Science.

DVS. College of arts and science

SHIVAMOGGA – 577201

Certificate

This is to certify that project entitled "Plant Propagation - Studies on Vegetative Propagation Techniques" carried out by ALWIN M ALEX (S2003319), ASHA A (S2007524), DHANYASHREE NARAYAN (S2003380), PAVAN KUMAR MC (S2003449), SRIMANTH R (S2003509), YASHASWINI BS (S2003535) and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2022-2023.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

PRINCIPAL
DVS College of Arts &Science,
Shivamogga.

Date 29/8/23
Place: Shivamogga

VALUED

1.

2.

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

DEPARTMENT OF BOTANY

A Project Report on

"Study of Cultivation of Oyster Mushroom and Their Diseases"

Submitted by

Mr. ADITHYA V NAIK	Reg. Number: S2003305
Mr. BHARATH C M	Reg. Number: S2003345
Mr. CHANDAN S	Reg. Number: S2003360
Mr. MURALI M	Reg. Number: S2003432
Miss. SOUMYA H R	Reg. Number: S2003504
Miss. VARSHA H M	Reg. Number: S2003525
Miss. SHAZAIN MURSALEEN BEGUM	Reg. Number: S2003556

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Under the supervision of

Mr. Sudhakara H.N. M. Sc., M.Phil.

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

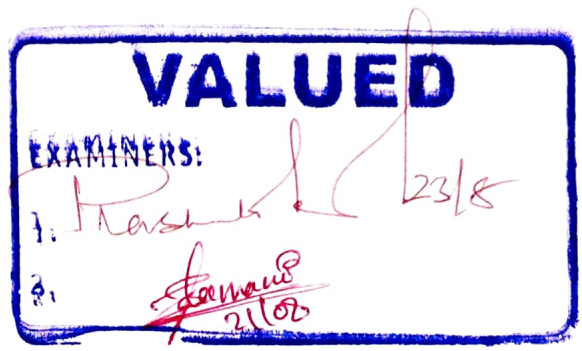
Certificate

This is to certify that project entitled "Study of Cultivation of Oyster Mushroom and Their Diseases" carried out by ADITHYA V NAIK (Reg. Number: S2003305), BHARATH C M (Reg. Number: S2003345), CHANDAN S (Reg. Number: S2003360), MURALI M (Reg. Number: S2003432), SOUMYA H R (Reg. Number: S2003504), VARSHA H M (Reg. Number: S2003525), SHAZAIN MURSALEES BEGUM (Reg. Number: S2003556) and submitted as partial fulfilment for completion of Botany VI semester and award of Bachelor of Science prescribed by Kuvempu University, for the academic year 2022-23.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.

Project Supervisor
Mr. Sudhakara H.N. M. Sc., M.Phil.
Department of Botany
DVS College of Arts and Science, Shimoga

Place: Shivamogga
Date:



KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"The Study of Cultivation Methods and Disease Management of Maize in Ayanur"

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Submitted by

Mrs. SANIYA N	Reg. Number: S1703486
Miss. ARUNDATHI R	Reg. Number: S2003341
Miss. MADEEHA N	Reg. Number: S2003416
Miss. SANIYA TABASSUM	Reg. Number: S2003487
Miss. SWATHI D. S	Reg. Number: S2003517
Mr. KUMAR BABU. V	Reg. Number: S2003545

Under the supervision of

Prof. Sudhakara H. N, M. Sc., M. Phil

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

CERTIFICATE

This is to certify that project entitled "The Study of Cultivation Methods and Disease Management of Maize in Ayanur" carried out by SANIYA N (Reg. Number: S1703486), **ARUNDATHI R** (Reg. Number: S2003341), **MADEEHA N** (Reg. Number: S2003416), **SANIYA TABASSUM** (Reg. Number: S2003487), **SWATHI D. S** (Reg. Number: S2003517), **KUMAR BABU. V** (Reg. Number: S2003545) and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by Kuvempu University, for the academic year 2022-23.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.

Project Supervisor

Prof. Sudhakara H N, M. Sc., M. Phil,

Department of Botany

DVS College of Arts and Science, Shimoga

Place: Shivamogga

Date: 21-08-2023

VALUED

EXAMINERS:

1.

2. 21/08

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"Detailed study on Timber Gum Oil and Latex Yielding plants of Umblebailu Reserve Forest Umblebailu Shivamogga"

Submitted by

Miss. AIMAN KHANUM	Reg. Number: S2003307
Miss. NANDITHA M	Reg. Number: S2003436
Mr. SHARATHKUMAR S D	Reg. Number: S2003493
Miss. SOWMYASHREE G T	Reg. Number: S2003507
Miss. VINUTHA B C	Reg. Number: S2003531
Miss. SRILAKSHMI K N	Reg.Number: S2003558

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Under the supervision of

Mr. Shrinivas Lamani M. Sc., NET., (Ph. D.)

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

Certificate

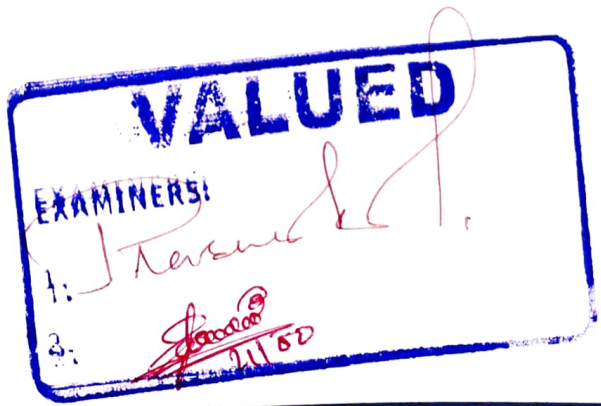
This is to certify that project entitled "Detailed study on Timber, Gum, Oil and Latex yielding plants of Umblebailu reserve forest, Umblebailu, Shivamogga" carried out by AIMAN KHANUM (Register No.: S2003307), NANDITHA M (Reg. Number S2003436), SHARATHKUMAR S D (Reg. Number: S2003493), SOWMYASHREE G T (Reg. Number: S2003507), VINUTHA B C (Reg. Number: S2003531), SRILAKSHMI K N (Reg. Number: S2003558) and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by KuvempuUniversity, for the academic year 2022-23

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Mr. Sudhakara H.N. M. Sc., M.Phil.
Head
Department of Botany
D V S College of Arts and Science
Shimoga-577201

Dr. M. Venkatesh. M.A., Ph. D.
Principal
D V S College of Arts and Science
Shimoga-577201

Place: Shivamogga
Date:



KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"Survey on Medicinal Plants of Avinahalli Reserve Forest and Health Benefits of Phytochemicals"

In the partial fulfilment for the award of
BACHELOR OF SCIENCE IN BOTANY
Kuvempu University

Submitted by

Mr. ADARSH S	**Reg. Number: S2003304**
Miss. BHOOMIKA K S	**Reg. Number: S2003350**
Miss. MEHTAB BANU	**Reg. Number: S2003429**
Miss. SOUJANYA S	**Reg. Number: S2003503**
Miss. VAISHNAVI A S	**Reg. Number: S2003523**
Mr. PRUTHVI KUMAR P	**Reg. Number: S2003551**

Under the Supervision of
Mr. Shrinivas Lamani M. Sc., NET., (Ph. D.)
Department of Botany
D V S College of Arts & Science, Shimoga- 577201

2022-23

Certificate

This is to certify that project entitled "Survey on Medicinal Plants of Avinahalli Reserve Forest and Health Benefits of Phytochemicals" carried out by ADARSH S (Reg. No: S2003304), BHOOMIKA K S (Reg. Number: S2003350), MEHTAB BANU (Reg. Number: S2003429), SOUJANYA S (Reg. Number: S2003503), VAISHNAVI A S (Reg. Number: S2003523), PRUTHVI KUMAR P (Reg. Number: S2003551), and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by Kuvempu University, for the academic year 2022-23

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Mr. Sudhakara H.N. M. Sc., M.Phil.
Head
Department of Botany
D V S College of Arts and Science
Shimoga- 577 201

Dr. M. Venkatesh. M.A., Ph. D.
Principal
D V S College of Arts and Science
Shimoga- 577201

Place: Shivamogga
Date:

VALUED
EXAMINERS:
1.
2.

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS AND SCIENCE

Shimoga - 577 201

DEPARTMENT OF BOTANY

PROJECT

"Survey on Timber yielding Trees in the Vicinities (Tyavarekoppa) of Shimoga City" – A Field study

Submitted
By

AFEEFA KOUNAIN(S2003306), CHANDANA.H S(S2003364), NAGARAJ.T M(S2003434), SPOORTHI.M(S2003557), SOUNDARYA.S(S2003506), VARSHINI.J R(S2003526)

In partial fulfillment for the award of Bachelor of Science (CBZ)
Kuvempu University
Academic year 2022-2023.

GUIDE

Dr. H.V.ANIL KUMAR. M.Sc.,(seri),PhD.FZSI

Associate Professor of sericulture

Department of Environmental Science & Laboratory of Applied Biological Science.

DVS. College of arts and science

SHIVAMOGGA – 577201

Certificate

This is to certify that project **"Survey On Timber Yeilding Trees In The Vincities (Tyaverekoppa) Of Shimoga" City- A Field Study.** carried out by **AFEEFA KOUNAIN (S2003306), CHANDANA H S (S2003364), NAGARAJ T M (S2003434), SPOORTHI M (S2003557), SOUNDARYA S (S2003506), VARSHINI J R (S2003526)** and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2022-2023.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

(For) **PRINCIPAL**
DVS College of Arts &Science,
Shivamogga.

Date 21/08/2023
Place: Shivamogga.

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"Study of Wild Underutilized Fruits of Theertha Rameshwara Daivivana and Their Importance"

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Submitted by

Miss. AISHWARYA M	Reg. Number: S2003311
Miss. DEEPASHREE H. R	Reg. Number: S2003377
Miss. NISARGA M. P	Reg. Number: S2003444
Miss. SPOORTHI H. M	Reg. Number: S2003508
Mr. VISHWANATHA S	Reg. Number: S2003532
Miss. DEEPIKA B. K	Reg. Number: S2003563

Under the supervision of

Mr. Shrinivas Lamani M. Sc., NET., (Ph. D.)

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

Certificate

This is to certify that project entitled "Study of Wild Underutilized Fruits of Theertha Rameshwara Daivivana and Their Importance" carried out by Aishwarya M (Register No: S2003311), Deepashree H. R (Reg. Number: S2003377), Nisarga M. P (Reg. Number: S2003444), Spoorthi H. M (Reg. Number: S2003508), Vishwanatha S (Reg. Number: S2003532), Deepika B. K (Reg. Number: S2003563), and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by KuvempuUniversity, for the academic year 2022-23

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Prof. Sudhakara H.N. M. Sc., M.Phil.
Head
Department of Botany
D V S College of Arts and Science
Shimoga-577201

Dr. M. Venkatesh. M.A., Ph. D.
Principal
D V S College of Arts and Science
Shimoga-577201

VALUED
EXAMINERS:
1.
2.

Place: Shivamogga
Date: 20/8/23

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS AND SCIENCE

Shimoga - 577 201

DEPARTMENT OF BOTANY

PROJECT

"The diseases of Sugarcane (Saccharum officinarum) in the vicinity of four taluks in Shimoga District" – A field study.

Submitted
By

Anusha C G (S2003330), **Chandrashekar H R** (S1903344), **Kavana K M** (S2003397), **S Gayana** (S2003474), **Shripriya S Sapare** (S2003510), **Yashavanth A S** (S2003536)

In partial fulfillment for the award of Bachelor of Science (CBZ)
Kuvempu University
Academic year 2022-2023.

GUIDE

Dr. H.V.ANIL KUMAR. M.Sc.,(seri),PhD.FZSI
Associate Professor of sericulture
Department of Environmental Science & Laboratory of Applied Biological Science.
DVS. College of arts and science
SHIVAMOGGA – 577201

Certificate

This is to certify that project entitled **"The diseases of Sugarcane (*Saccharum officinarum*) in the vicinity of four taluks in Shimoga District" - A field study.** carried out by **Anusha C G (S2003330), Chandrashekar H R (S1903344), Kavana K M (S2003397), S Gayana (S2003474), Shripriya S Sapare (S2003510), Yashavanth A S (S2003536)** and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2022-2023.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Mr. Sudhakar, M.Sc.,M.Phil.,
HOD of Botany
DVS College of Arts &Science,
Shivamogga

Date: 21:08:2023
Shivamogga.

VALUED
EXAMINERS:
1.
2.

KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577 201

DEPARTMENT OF BOTANY

A Project Report on

"Study on Products of Noni (*Morinda citrifolia* L.)"

In the partial fulfilment for the award of

BACHELOR OF SCIENCE IN BOTANY

Kuvempu University

Submitted by

Miss. SOWMYA C. P	(Reg. Number: S1903488)
Miss. APARNA V. R	(Reg. Number: S2003333)
Mr. KIRAN G. R	(Reg. Number: S2003404)
Miss. SANCHITHA A. J	(Reg. Number: S2003482)
Miss. SUCHITHRA M. G	(Reg. Number: S2003511)
Miss. HONGIRANA M	(Reg. Number: S2003542)

Under the supervision of

Prof. SUDHAKARA H. N. M. Sc., M. Phil

Department of Botany

D V S College of Arts & Science, Shimoga- 577201

2022-23

Certificate

This is to certify that project entitled "Study on Products of Noni (*Morinda citrifolia* L.)" carried out by SOWMYA C. P (Reg. Number: S1903488), APARNA V. R (Reg. Number: S2003333), KIRAN G. R (Reg. Number: S2003404), SANCHITHA A. J (Reg. Number: S2003482), SUCHITHRA M. G (Reg. Number: S2003511), HONGIRANA M. (Reg. Number: S2003542), and submitted as partial fulfilment for completion of Botany VI Semester and award of Bachelor of Science prescribed by KuvempuUniversity, for the academic year 2022-23

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Prof. Sudhakara H.N. M. Sc., M.Phil.
Head
Department of Botany
D V S College of Arts and Science
Shimoga-577201

Dr. M. Venkatesh. M.A., Ph. D.
Principal
D V S College of Arts and Science
Shimoga-577201

Place: Shivamogga
Date:

DVS College of Arts and Science,

Shimoga

CERTIFICATE

This is to certify that the project work entitled **"ONLINE BLIND BANKING SYSTEM"** carried out by **ANANYA BHAT S - S2003323, RAKSHITHA G – S2003465, SANCHITHA JOIS H – S2003483, VINDHYA H G – S2003530** in partial fulfillment for the award of degree of Bachelor of Science (B.Sc.,) KUVEMPU UNIVERSITY, during the year 2022-2023. The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work prescribed for the award of said degree.

Guide

Mr. Syed Asim K M.Sc.

Assistant Professor

Dept. of Computer Science

DVS College of Arts and Science

Shimoga - 577201

Head of the Department

Mrs. Nethravathi H M.Tech, M.Phil

Head of the Department

Dept. of Computer Science

DVS College of Arts and Science

Shimoga - 577201

Head Department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201.

Department of Computer Science
D. V. S. College of Arts & Science

Examiners Name

VALUED

Examiners :

1) .....

2) .....

Signature

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.....

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"WEATHER MONITORING SYSTEM"** carried out by **CHETHAN C, S2003371, PRAJWAL M K, S2003453, SHARATH KUMAR R, S2003492,** in partial fulfilment for the awards of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2022-2023. The project has been duly approved and certified, as it satisfies the academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

Mr Syed Asim K
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Department of computer science
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Head of Department

.....

Mrs.Nethravathi H
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DVS college of Arts and Science
Shimoga-577201

Head Department of Computer Scienc
V. S. College of Arts & Scienc
Shimoga - 577 201.

Signature

.....

.....

Examiners Name

1) .....

VALUED

2) Examiners :

1) .....

2) .....

Date 23/8/23

Department of Computer Science
D. V. S. College of Arts & Science

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled

"FLORICULTURE MANAGEMENT"

carried out by **Archana S, S2003336, Sinchana KN, S2003499, Rakshitha RR , S2003466, Tejaswini B, S2003520,** in partial fulfilment for the awars of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2022-2023. The project has been duly approved and certified, as it satisfies the academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

Mr Syed Asim K
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Head of Department

.....

Mrs.Nethravathi H
Head of the Department
Department of computer science
DVS college of Arts and Science
Shimoga-577201

Examiners Name	Signature
1)	.....
2) 23/8/23	.....

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"URBAN SERVICES FOR URBAN PEOPLE"** carried out by **Aishwarya K, S2003310, Muktha S.K, S2003431, Preethi S, S2003456, Priyanka B. S, S2003457, Sahana K.S,S2003480** ,in partial fulfilment for the awars of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2022-2023. The project has been duly approved and certified, as it satisfies the academic requirement in respect of the project work prescribed for the award of said degree.

Guide	Head of Department
.....	.....
Mr Syed Asim K	**Mrs.Nethravathi H**
Assistant Professor	Head of the Department
Department of computer science	Department of computer science
DVS college of Arts and Science	DVS college of Arts and Science
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Shimoga - 577 201.

Department of Computer Science
D. V. S. College of Arts & Science

Examiners Name	Signature
1) .....VALUED.....	.....
2)	.....

Examiners :
1) ----------
2) ----------
Date 22/8/21

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"Crop Prediction Using Machine Learning Algorithm Based on Internet of Things"** carried out by **Agasthya S R, S2003539, Varun Patil S R, S2003527, Darshan G E, S2003374,** in partial fulfilment for the awards of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2022-2023. The project has been duly approved and certified, as it satisfies the academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

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Head of Department

.....

Mrs.Nethravathi H
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Signature

Department of Computer Science
D. V. S. College of Arts & Science
Examiners Name

VALUED

1) .....

Examiners :

2) 1) .....

2) .....

Date 23/8/23

.....

.....

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"Military information System"** carried out by **Chandana B N, S2003361, Ankitha B S2003325, Chethana S Barve S2003372, Pushpalatha A, S2003462,** in partial fulfilment for the awars of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2021-2022, The project has been duly approved and certified, as it satisfies

The academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

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Head of Department

.....

Mrs.Nethravathi H
Head of the Department
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D. V. S. College of Arts & Science
Shimoga - 577 201.

Department of Computer Science
D. V. S. College of Arts & Sc
VALUED

Examiners Name

Signature

1) Examiners :..... .....

2) 1) ....
2) .....

Date 23/8/22

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"MOVIE SUCCESS PREDICTION"** carried out by **AKSHATHA B E S2003318, ANVITHA L S S2003332, BHAVANA R S S2003541, SINCHANA B R S2003498,** in partial fulfilment for the awars of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year 2022-2023 The project has been duly approved and certified, as it satisfies.

The academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

Mr Syed Asim K
Assistant Professor
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Head of Department

.....

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DVS college of Arts and Science
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Department of Computer Scie
D. V. S. College of Arts & S

Examiners Name

VALUED

1) .....

2) .....

Examiners :

1)

2)

Date 25/8/23

Signature

.....

.....

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"DOCTOR APPOINTMENT SYSTEM"** carried out by **ANJALI B S2003324, S2003361, BHOOMIKA M N S2003352, SAHANA M S2003481, KAVYA R S2003400,** in partial fulfilment for the awars of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year 2022-2023 The project has been duly approved and certified, as it satisfies.

The academic requirement in respect of the project work prescribed for the award of said degree.

Guide

.....

Mr Syed Asim K
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Shimoga-577201

Head of Department

.....

Mrs.Nethravathi H
Head of the Department
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DVS college of Arts and Science
Shimoga-577201

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Examiners Name **Signature**

1) .....

2) .....

VALUED

Examiners :

1) .....

2) .....

Date 23/8/24

Department of Computer Science
D. V. S. College of Arts & Science

DVS College of Arts and Science, Shimoga

CERTIFICATE

This is to certify that the project work entitled **"Online Data Pyracy Protection"** carried out by **Pushpa G S S2003461, Sahana B K S2003476, Sahana B K S2003477,Monisha D K S2003430, Soundarya B, S2003505,** in partial fulfilment for the award of degree of **Bachelor of Science (BSc), KUVEMPU UNIVERSITY,** during the year2022-2023, The project has been duly approved and certified, as it satisfies the academic requirement in respect of the project work prescribed for the award of said degree.

Guide

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Department of Computer Science
D. V. S. College of Arts & Science

Examiners Name

1) ..... VALUED

2) .....

Examiners :

1) .....

2) .....

Date 23/8/23

Signature

.....

.....

D.V.S. College of Arts and Science, Shivamogga

Sir M V Road, P.BNo.81, SHIVAMOGGA-577201, Karnataka State

Department of Botany

REPORTS OF FIELD, STUDY TOUR OR INDUSTRIAL VISITS

Sl. No.	Field, Study tour or Industrial visits	Name of visited places	Year
01	Study of morphological, nutritional and Medicinal importance of star fruit (*Averrhoa carambola* L.) an underutilized fruit	Valyou Products Ltd, Shivamogga	2022-23
02	Identification and documentation of few flora in the campus of DVS- A field study	DVS Campus, Shimoga	2022-23
03	Plant propagation- Studies on vegetative propagation techniques	DVS Campus, Shimoga	2022-23
04	Study of Cultivation of oyster mushroom and their diseases	Agriculture college, Shivamogga	2022-23
05	The study of cultivation methods and disease management of maize in Ayanur	Ayanur	2022-23
07	Detailed study of timber, gum, oil and latex yielding plants	Umblebailu	2022-23
08	Survey on medicinal plants of Avinahalli Forest and Healthy benefits of phytochemicals	Avinahalli	2022-23
09	Survey on timber yielding trees in the vicinities of Shimoga city- a field study	Shivamogga city	2022-23
10	Study on wild underutilized fruits and their importance	Theertha Rameshwara Daivivana, Honnali	2022-23
11	The disease of sugarcane in the vicinity of four taluks in Shivamogga district- A field study	Taluks of Shivamogga district	2022-23
12	Study tour (B.Sc. VI Semester)	CFTRI, University of Mysuru, Ranganthittu tree park	18 and 19th July 2023
13	Filed visit to study Ecosystem	DVS Campus	16/08/23

HEAD
Department Botany
D.V.S. College of Arts & Science
Shimoga-577 201.

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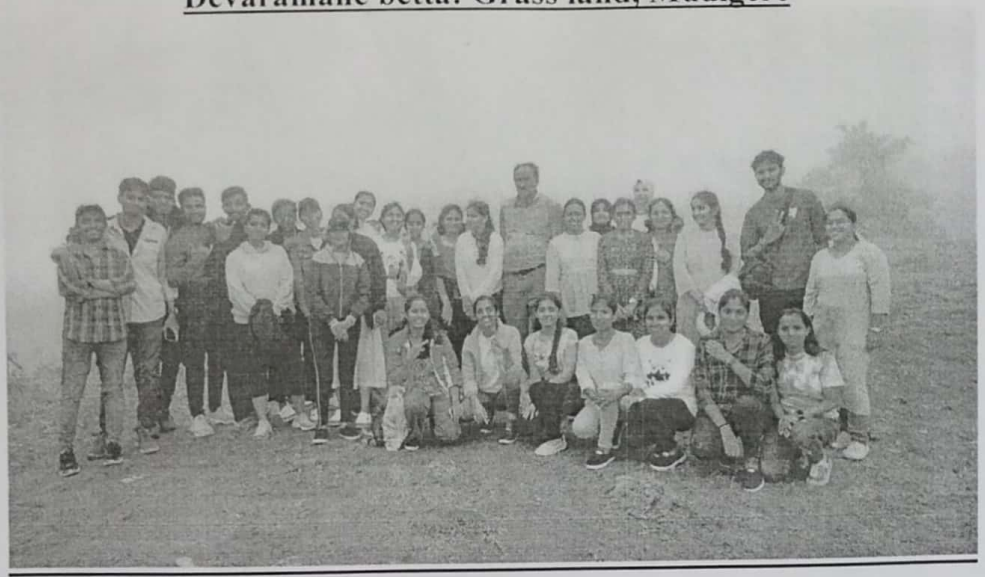
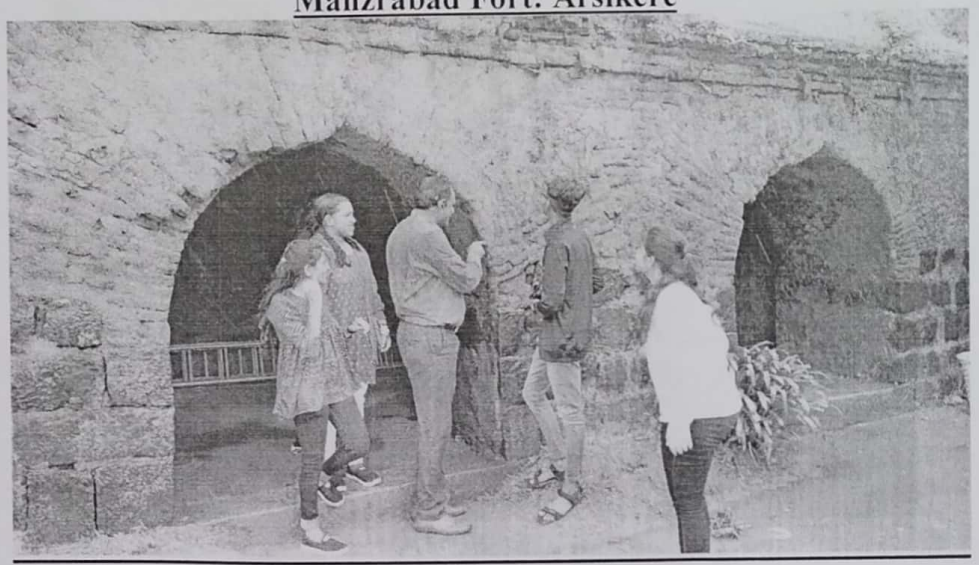
Photo Gallery

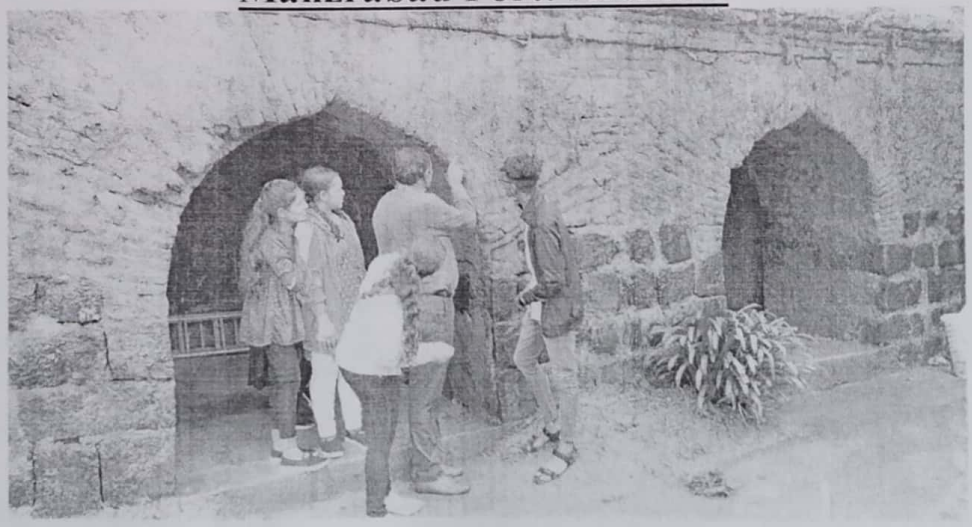
Devaramane betta: Grass land, Mudigere



Manzrabad Fort: Arsikere



Manzrabad Fort: Arsikere



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Department Botany
D.V.S. College of Arts & Science
Shimoga-577 201.

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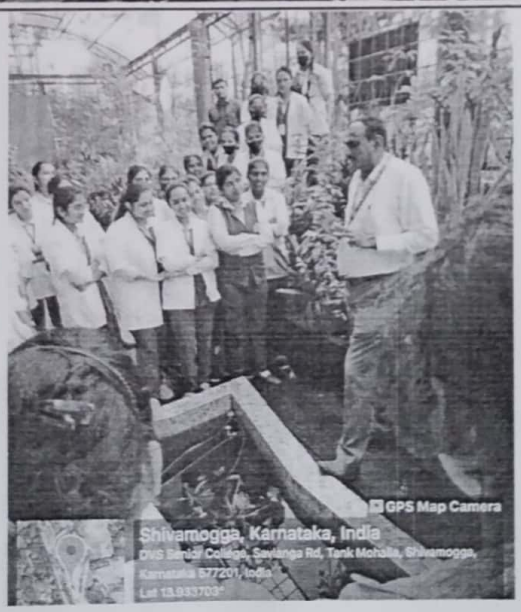
Pond Ecosystem: DVS Campus, Shimoga



HEAD
Department Botany
D.V.S. College of Arts & Science
Shimoga-577 201.

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:ಪಂಡಿತಾ: ಸಮದರ್ಶಿನ:
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.), ಶಿವಮೊಗ್ಗ.

Website : www.dvsdegreecollege.org.
Email : principal.dvscollege@gmail.com
Off : 08182-278455
Fax : 08182-401592

ಡಿ.ವಿ.ಎಸ್.ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು

(ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
(ನ್ಯಾಷನಲ್ ಅಸೆಸ್‌ಮೆಂಟ್ ಮತ್ತು ಅಕ್ರೆಡಿಟೇಷನ್ ಕೌನ್ಸಿಲ್, ಬೆಂಗಳೂರು ಇವರಿಂದ "A" ಶ್ರೇಣಿ (CGPA-3.07) ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
ಸರ್ ಎಂ.ವಿ.ರಸ್ತೆ, ಅಂಚೆ ಪೆಟ್ಟಿಗೆ ಸಂ.81, ಶಿವಮೊಗ್ಗ – 577 201

ಕ್ರ.ಸಂ.: ಡಿವಿಎಸ್‌ಸಿ/ 320 /2023-24 ದಿನಾಂಕ:17-07-2023

ಇವರಿಗೆ,
ಕಾರ್ಯದರ್ಶಿಗಳು,
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ (ರಿ.)
ಶಿವಮೊಗ್ಗ.

ಮಾನ್ಯರೆ,

ವಿಷಯ: ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ಕುರಿತು

***

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಸಸ್ಯಶಾಸ್ತ್ರ ವಿಭಾಗದವತಿಯಿಂದ 6ನೇ ಸೆಮಿಸ್ಟರ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ದಿನಾಂಕ: 18/07/2023 ಮತ್ತು 19/07/2023 ರಂದು 2 ದಿನಗಳ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸವನ್ನು ಸಕಲೇಶಪುರ ಮತ್ತು ಕುದುರೆಮುಖ ಪ್ರದೇಶಗಳಲ್ಲಿ ಸಸ್ಯಸಂಕುಲಗಳ ಅಧ್ಯಯನ ಕಾರ್ಯಕ್ರಮವನ್ನು ಹಮ್ಮಿಕೊಂಡಿರುತ್ತಾರೆ. ಆದುದರಿಂದ ಈ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದ ಕುರಿತು ತಮ್ಮ ಅನುಮತಿ ಮತ್ತು ಸಲಹೆಗಾಗಿ ಈ ಪತ್ರದ ಮೂಲಕ ವಿನಂತಿಸಿಕೊಳ್ಳುತ್ತಿದ್ದೇನೆ.

ವಂದನೆಗಳೊಂದಿಗೆ

O/C

ತಮ್ಮ ವಿಶ್ವಾಸಿ,
ಪ್ರಾಂಶುಪಾಲರು
ಪ್ರಾಚಾರ್ಯರು
ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ
ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ಅಡಕ:
1.ಸದರಿಯವರ ಮನವಿ ಪತ್ರ
2.ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸದಲ್ಲಿ ಭೇಟಿ ನೀಡುವ ಸ್ಥಳಗಳ ವಿವರ

CamScanner

DVS College of Arts, Science and Commerce, Shimoga

Department of Botany

Study Visit: Places and Schedule

Day 1: 18/07/2023

1. DVS College Campus
2. Devaramane Betta
3. Tea processing unit, Kadumane
4. Bisle Ghat shola forest range
5. Sakleshpura Stay

Day 2: 19/07/2023

6. Kottigehara
7. Rani-Jhari Reserve forest valley
8. Kalasa
9. Horanadu temple
10. Kudremukh Horticulture garden
11. Lakya dam
12. Sringeri and Agumbe- Algae, Bryophyte and Pteridophyte collection

HEAD
Department Botany
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CamScanner

Department of Botany
List of Students

Sl. No.	Name	Phone number	Signature
01.	Gayana. S	7795355438	
02	Soumya H.R.	8050467809	
03.	Preethi. K.M.P	7349199407	
04.	Latha. A.Y	7204714869	
05	Chandana. H.S	8494904037	
06.	Vanishri. J.R.	7259948964	
07.	Swathi. D.S	7204198249	
08.	Manasa. A.M	8431196159	Manasa.A.M
09.	Arundathi. R	7411125295	Arundathi.R
10.	Kavya. K.M	8310206767	
11.	Aishwarya.	7411272808	
12.	Aparna, V.R.	9019036426	
13.	Nanditha. M.	9900210727	
14.	Yashaswini. B.S	6360289657	
15	Deepika. B.K.	8971079275	B.K
16.	Soujanya. S	6361765065	
17.	Mahima.	8431315969	
18.	Madeeha	9686604099	
19.	Suchitra. M.G	9019393552	
20.	Soumya C.P	9606359929	
21.	Spoorthi. M.	6360978577	
		8660[illegible]538	

24.	Spoorthi . H.M.	6364255010	
25.	Deepashree H.R.	9HH9820886	HR
26.	Bhoomika. K.S	8951201790	
27.	Sharath Kumar.S.D	6360093538	
28.	Bharath. C.M	6360327630	
29.	Yashwanth. A.S	8748893719	
30.	Pruthvi kumar.P	9380263680	
31.	Muruli. M.	7H1061254	
32	Suraj.	6361883444	
33.	Abhishek. B.M	9805141919	
34.	Aditya. V. Naik.	7019151585	
35	Adarsh.	97H136018	

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Department Botany
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Faculty Details

1. Mr. Sudhakar H.N.
2. Mr. Shrinivas. Lamani

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

A Project Report on

PREVALENCE OF DIABETES, A SURVEY

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS & SCIENCE, SHIVAMOGGA

For the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by:

AFEEFA KOUNAIN	S2003306
AIMAN KHANUM	S2003307
AISHWARYA M	S2003311
ANUSHA CG	S2003330
ARSHIYA S	S2003340
MEHTAB BANU	S2003429
SANIYA N	S1703486

Under the guidance of

FACULTIES

Department of Zoology

D V S College of Arts & Science

Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify the project entitled **PREVALENCE OF DIABETES.** Submitted in partial fulfilment of requirements for the degree of BACHELOR OF SCIENCE [BSc, CBZ] in DEPARTMENT OF ZOOLOGY, DVS college of Arts and Science, Shivamogga, affiliated to KUVEMPU UNIVERSITY is a bonafied record of project work done by **AFEEFA KOUNAIN [S2003306], AIMAN KHANUM [S2003307], AISHWARYA M [S2003311], ANUSHA C G [S2003330], ARSHIYA S [S2003340] MUNTAB BANU [S2003429], SANIYA N [S1703486]** during the period of study 2022-2023 in the department of zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy 27-04-23

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A Project Report on

"A STUDY OF BIOLOGY AND BEHAVIORAL CHANGES OF ROTIFERS"

Submitted to the Department of Zoology
DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

BHOOMIKA K S	S2003350
CHANDAN S	S2003360
DEEPAK R	S2003376
DEEPASHREE H R	S2003377
DEEPIKA B K	S2003563
DHANYASHREE NARAYAN	S2003380
K M P PREETHI	S2003544

Under the guidance of

FACULTIES
Department of Zoology
D V S College of Arts, Science & Commerce.
Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE
SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **"A STUDY OF BIOLOGY AND BEHAVIORAL CHANGES OF ROTIFERS"** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts, Science And Commerce, Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **BHOOMIKA K S (S2003350), CHANDAN S (S2003360), DEEPAK R (S2003376), DEEPASHREE H R (S2003377), DEEPIKA B K (S2003563), DHANYASHREE NARAYAN (S2003380), K M P PREETHI (S2003544)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

2.

Department of Zoology
D V S college of Arts, Science And Commerce
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A Project Report on

"A STUDY ON BIOLOGY AND CULTURING OF PARAMECIUM"

Submitted to the Department of Zoology
DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

APARNA. V. R	S2003333
ARUNDHATHI. R	S2003341
ASHA. A	S2007524
KAVANA. K. M	S2003397
KAVYA. K. M	S2003399
MANASA. A. M	S2003546
SOWMYA. C. P	S1903488

Under the guidance of

FACULTIES
Department of Zoology
D V S College of Arts & Science
Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **A STUDY ON BIOLOGY AND CULTURING OF PARAMECIUM** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **APARNA.V.R. (S2007524), ARUNDHATHI.R (S2003341), ASHA.A (S2007524), KAVANA.K.M (S2003397), KAVYA.K.M (S2003399), MANASA.A.M (S2003546), SOWMYA.C.P (S1903488)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy 27-04-23

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A Project Report on

TOXICITY EFFECTS AND HEMATOLOGICAL RESPONSE OF *Clarias gariepinus* (AFRICAN CATFISH) TO LONG TERM EXPOSURE TO GLYPHOSATE HERBICIDES

Submitted to the Department of Zoology
DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the
BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

CHANDRUSHEKAR H R	S1903344
MURALI M	S2003432
PRUTHVI KUMAR P	S2003551
SANDEEP N R	S2003484
SHARATH KUMAR S D	S2003493
SHASHANK U BANGARA	S2003495
YASHAVANTH A S	S2003536

Under the guidance of

FACULTIES
Department of Zoology
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Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

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This is to certify that project entitled **TOXICITY EFFECTS AND HEMATOLOGICAL RESPONSE OF *Clarias gariepinus* (AFRICAN CATFISH) TO LONG TERM EXPOSURE TO GLYPHOSATE HERBICIDES** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **MR. CHANDRUSHEKAR H R (S1903344), MURALI M (S2003432), PRUTHVI KUMAR P (S2003551), SANDEEP N R (S2003484), SHARATH KUMAR S D (S2003493), SHASHANK U BANGARA (S2003495), YASHAVANTH A S (S2003536),** during the period of study 2022-23 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

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Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

A Project Report on

A STUDY ON SPIDER DIVERSITY AND WEB DESIGN IN GANDHI PARK, SHIMOGA

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA

for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

NAGARAJ T M	S2003434
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SANCHEETHA A J	S2003482
SHRIPRIYA S SAPARE	S2003510
SURAJ G H	S2003515
THANUSHREE A S	S2003521

Under the guidance of

FACULTIES

Department of Zoology

D V S College of Arts & Science

Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **A STUDY ON SPIDER DIVERSITY AND WEB DESIGN IN GANDHI PARK, SHIMOGA** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by NAGARAJ T M **(S2003434), S GAYANA (S2003474), SANCHITHA A J (S2003482), SHRIPRIYA S SAPARE (S2003510), SURAJ G H (S2003515) THANUSHREE A S (S2003521)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

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Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A Project Report on

"A STUDY ON CROP PEST AND THEIR MANAGEMENT"

Submitted to the Department of Zoology
DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

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NISHA G K	S2004831
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SANIYA TABASSUM	S2003487
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SRIMANTH R	S2003509
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Under the guidance of

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Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **"A STUDY ON CROP PEST AND THEIR MANAGEMENT"** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **NISARGA.M.P (S2003444), NISHA.G.K (S2004831), PAVAN KUMAR .M. C (S2003449), SAMIYA TABASSUM (S2003487), SHAZAIN MURSALEEN BEGUM (S2003556), SRIMANTH.R (S2003509), VISHWANATHA.S (S2003532)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

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Examiners

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Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A Project Report on

"A STUDY ON BIODIVERSITY OF INSECTS IN GANDHI PARK"

Submitted to the Department of Zoology
DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

BHARATH. C.M	S2003345
CHANDANA. H.S	S2003364
HONGIRANA. M	S2003542
LATHA. A.Y	S2003412
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MAHIMA SAROOP. K	S2003419
SPOORTHI. M	S2003557

Under the guidance of

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Department of Zoology
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Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **"A STUDY On BIODIVERSITY OF INSECTS IN GANDHI PARK"** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **BHARATH. C.M (S2003345), CHANDANA. H.S (S2003364), HONGIRANA. M (S2003542), LATHA. A.Y (S2003412), MADEEHA. N (S2003416), MAHIMA SAROOP. K (S2003419), SPOORTHI. M (S2003557)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy 27-04-23

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

A Project Report on

"A COMPARATIVE STUDY ON PCOD IN RURAL AND URBAN AREAS"

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA

for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

SOUNDARYA. S	S2003506
SPOORTHI. H.M	S2003508
SRILAKSHMI. K.N	S2003558
SWATHI. D.S	S2003517
VARSHA. H.M	S2003525
VARSHINI. J.R	S2003526
YASHASWINI. B.S	S2003535

Under the guidance of

FACULTIES

Department of Zoology

D V S College of Arts & Science

Shivamogga - 577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **"A COMPARATIVE STUDY ON PCOD IN RURAL AND URBAN AREAS"** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **SOUNDARYA. S (S2003506), SPOORTHI. H.M (S2003508), SRILAKSHMI. K.N (S2003558), SWATHI. D.S (S2003517), VARSHA. H.M (S2003525), VARSHINI. J.R (S2003526), YASHASWINI. B.S (S2003535)** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

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Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

A Project Report on

A STUDY ON LUMPY SKIN DISEASE IN DIFFERENT TALUKS OF SHIMOGA DISTRICT

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA

for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

NANDITHA M	S2003436
SOUJANYA S	S2003503
SOUMYA H R	S2003504
SOWMYASHREE G T	S2003507
SUCHITHRA M G	S2003511
VAISHNAVI A S	S2003523
VINUTHA B C	S2003531

Under the guidance of

FACULTIES

Department of Zoology

D V S College of Arts & Science

Shivamogga - 577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **A STUDY ON LUMPY SKIN DISEASE IN DIFFERENT TALUK OF SHIMOGA DISTRICT** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shimoga affiliated to KUVEMPU UNIVERSITY is a bonafide record of project work done by **NANDITHA M (S2003436), SOUJANYA S (S2003503), SOUMYA H R (S2003504), SOWMYASHREE G T (S2003507), SUCHITHRA M G (S2003511), VAISHNAVI A S (S2003523)** and **VINUTHA B C (S2003531).** during the period of study 2022-2023 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy

Prof. Pruthvi K J

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Examiners

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Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

A Project Report on

"TREE MICROHABITAT STRUCTURE AS INDICATORS OF BIODIVERSITY"

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA

for the partial fulfillment of the requirement for the

BACHELOR OF SCIENCE (BSc. CBZ)

Submitted by

ABHISHEK B M	S2003301
ADARSH S	S2003304
ADITHYA V NAIK	S2003305
ALWIN M ALEX	S2003319
KIRAN G R	S2003404
KUMAR BABU V	S2003545

Under the guidance of

FACULTIES

Department of Zoology

D V S College of Arts & Science

Shivamogga-577201

2022-2023

KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **"TREE MICROHABITAT STRUCTURE AS INDICATORS OF BIODIVERSITY"** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPUUNIVERSITY is a bonafide record of project work done by **ABHISHEK BM (S2003301), ADARSH S (S2003304), ADITHYA V NAIK (S2003305), ALWIN M ALEX (S2003319), KIRAN G R (S2003404) KUMAR BABU V (S2003545)** during the period of study 2021-2022 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Prof. N Kumaraswamy 27-04-23

Prof. Pruthvi K J

Prof. Mangala D.H

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201

NEP Batch

I st B.A. Batch - 2022-23

Assignment and Seminar

Sl No	Name of the Student	Register No	1	2	3	4	Date	Signature
			✓	–	✓		16/11/2022	Saira Bi
1.	Saira Bi	U06DE22A0145						
2.	Zainab Akther.	U06DE22A0075	✓	✓	✓	✓	13/12/2022	
3.	Ayesha Bi Bi	U06DE22A0110	✓	✓	✓	✓	8-12-2022	Bi Bi
4.	Sayeda Madiha	U06DE22A0097	✓	✓	✓	✓	9-12-2022	Sayed madiha
5.	Saniya Khanum	U06DE22A0031	✓	✓			9/12/22	Saniya
6.	Rihan Baig	U06DL22A0034	✓	✓	✓	✓	09/01/2023	Rihan Baig
7	GAZANFAR SHAIKH	evening college	✓	✓	✓	–	21/11/2022	
8.	Shafiya	BSCU06006.	✓	–	–		16-12-22	Shafiya
9	Syeda Khuteja	BSCU06DL22	✓	✓	✓	–	30-12-22	Khuteja
10	Syeda Muskan	BSCU06DE22	✓	✓	✓	–	13-01-23	Syedmuskan

NEP Batch

I st B.A. Batch - 2022-23

Assignment and Seminar

11

Sl No	Name of the Student	Register No	1	2	3	4	Date	Signature
			✓	✓	✓		16/11/2022	Saira Bi
1.	Saira Bi	U06DE22A0145						
2.	Zainab Akther.	U06DE22A0075	✓	✓	✓	✓	13/12/2022	
3.	Ayesha Bi Bi	U06DE22A0110	✓	✓	✓	✓	8-12-2022	BI BI Ayesha
4.	Sayeda Madiha	U06DE22A0097	✓	✓	✓	✓	9-12-2022	Sayed madiha
5.	Saniya Khanum	U06DE22A0031	✓	✓			9/12/22	Saniya
6.	Rihan Baig	U06DL22A0034	✓	✓	✓	✓	09/01/2023	Rihan Baig
7	GAZANFAR SHAIKH	evening college	✓	✓	✓	—	21/11/2022	
8.	Shafiya	BSCU06006.	✓	✓	✓		16-12-22	Shafiya
9	Syeda Khutija	BSCU06DL22	✓	✓	✓	—	30-12-22	Khutija
10	Syeda Muskan	BSCU06DE22	✓	✓	✓	—	13-01-23	Syedmuskan

Friday
11:19 am

Friday
11:43 am

9
DECEMBER

Friday
11:19 am

DVS College of Arts and Science, Shimoga

Department of Botany

Date: 25/07/2023

IV Sem Assignment and Seminar Allotment List

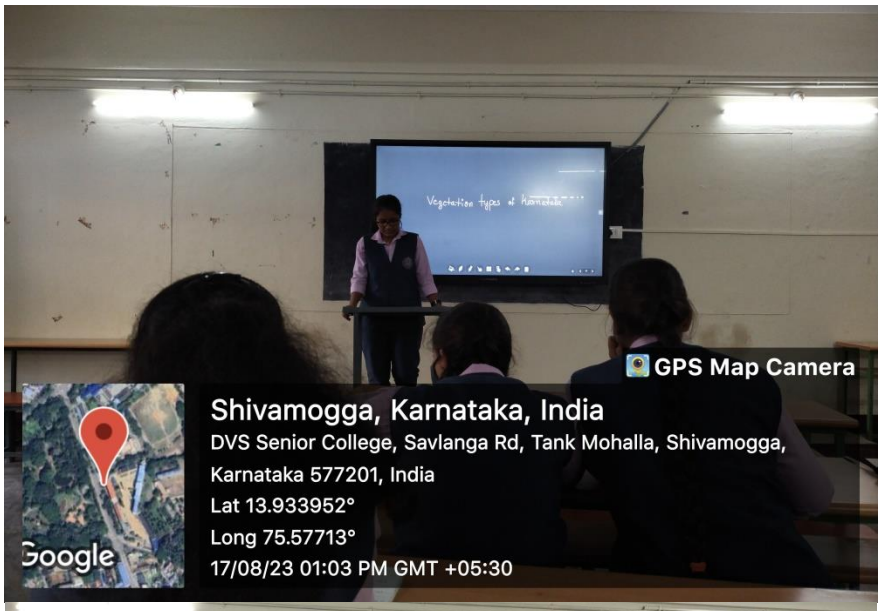
Sl. No.	Name of the Student	Assignment Topic	Seminar Topic	Sign	Remarks
1	NAYANA B S	Scope and importance of ecology	Climatic factors		
2	VIJAYAKUMAR K S	Climatic factors	Scope and importance of ecology		
3	ANANYA M	Edaphic factors	Morpho and anatomical adaptations of hydrophytes		
4	SHAMBHAVI G N	Morpho and anatomical adaptations of hydrophytes	Edaphic factors		
5	POOJA G	Morp and anat adaptations of xerophytes	Morp and anat adaptations of epiphytes		
6	NITHYASHREE	Morp and anat adaptations of epiphytes	Morp and anat adaptations of xerophytes		
7	KUTEJA TASMIYA	Morp and anat adaptations of halophytes	Types of ecosystems with examples		
8	VATSALA	Types of ecosystems with examples	Morp and anat adaptations of halophytes		
9	PRATHEEKSHA	Structure of ecosystem	Food chain-grazing and detritus and food web		
10	CHAITRA	Food chain-grazing and detritus and food web	Structure of ecosystem		
11	ANUSHREE	Vegetation types of Karnataka	Ecological pyramids		
12	SAHANA	Ecological pyramids	Vegetation types of Karnataka		
13	VIJITHA	Ecological succession	Principles of ecology		
14	MEGHANA T N	Principles of ecology	Ecological succession		
15	YASHASWINI	Carbon cycle	Nitrogen cycle		
16	PAREEHKSHITH	Nitrogen cycle	Carbon cycle		
17	PREETHI	Phosphorus cycle	Community and its characteristics		
18	AYESHA	Community and its characteristics	Phosphorus cycle		
19	RIONA	Methods of sampling plant communities	Population and its characteristics- pd, n and m		
20	MEGHANA H	Population and its characteristics- pd, n and m	Methods of sampling plant communities		
21	SWAPNA	Population and its characteristics- ad, pgc and d	Air pollution		
22	AFREEN	Air pollution	Population and its characteristics- ad, pgc and d		
23	SAFINA	Soil pollution	Types of biodiversity		
24	SHUSHMA	Types of biodiversity	Soil pollution		
25	NIRMALA	Values of biodiversity	Biodiversity hot spots of India		
26	ANITHA	Biodiversity hot spots of India	Values of biodiversity		
27	BHARATH	Biodiversity conservation methods	Ecological levels of organisation		
28	SHIVAN GOWDA	Ecological levels of organisation	Biodiversity conservation methods		
29	KUMUDINI	Principles of energy flow in ecosystem	Concept of ecotone and ecotypes		

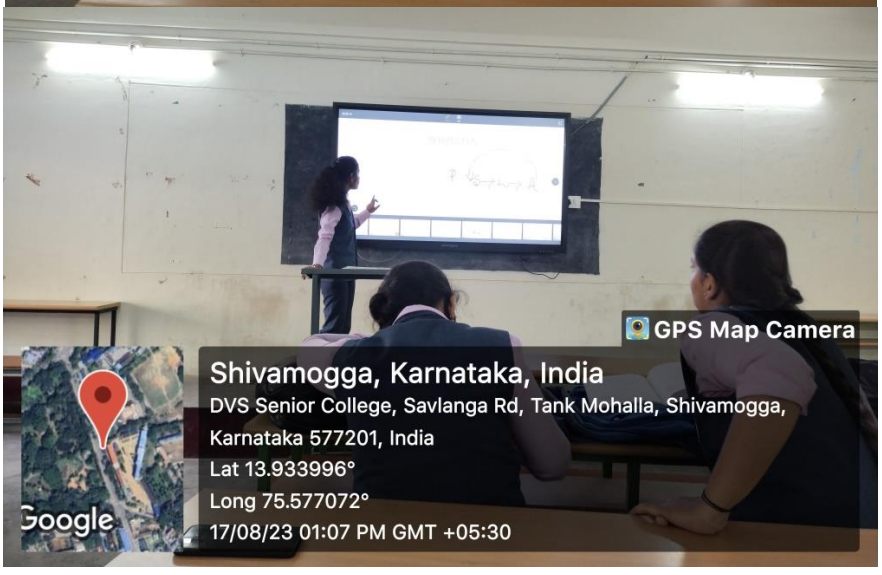
CamScanner

30	TARUN	Concept of ecotone and ecotypes	Principles of energy flow in ecosystem	Tarun	
31	PREMA PATEL	Water pollution	Morpho and anatomical adaptations of hydrophytes	Premap.	
32	BHAGYA	Morpho and anatomical adaptations of hydrophytes	Water pollution		
33	TANU	Nitrogen cycle	Vegetation types of Karnataka	Tanu	
34	KAVYA	Vegetation types of Karnataka	Nitrogen cycle		
35	SINCHANA	Biotic factors of ecosystem	Air pollution		
36	VARSHA	Air pollution	Biotic factors of ecosystem		
37	FARZANA	Ecological pyramids	Nitrogen cycle	Farzana	

CamScanner

Photo Gallery





DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

I-BSc-2022-23, I-Semester (NEP)

SUBJECT: Mathematics(CORE) - Seminar List

Students List

SL NO	Name of the Student	Register Number	Signature
1	ABHISHEK A	U06DE22S0074	
2	AKASH K N	U06DE22S0050	Akash K.N.
3	ARSHI ASGARI	U06DE22S0178	Arshi
4	ASIPIYA TEHARIN	U06DE22S0142	Asipiya.
5	AYESHA FIRDOSE	U06DE22S0024	Ayesha
6	BI BI RABIYA BASRI	U06DE22S0080	Rabiya Basri
7	BINDHU P	U06DE22S0018	Bindhu P
8	FAZEELA KHANUM	U06DE22S0161	Fazeela
9	HARSHITHA L P	U06DE22S0102	Harshitha LP
10	HARSHITHA R S	U06DE22S0029	Harshitha.RS
11	HEMALATHA L	U06DE22SD130	Hemalatha.L
12	NAYANA C T	U06DE22S0114	Nayana C.T
13	NIRMALA M	U06DE22S0132	Nirmala.M.
14	NISARGA M	U06DE22S0147	
15	NISHCHITHA U H	U06DE22S0164	Nishcha U.H
16	NOORAIN KHANUM	U06DE22S0165	Noorain Khanum
17	POOGA G L	U06DE22S0086	Pooga. G.L
18	PRIYANKA T N	U06DE22S0088	Priyanka.T.N
19	RAKSHITHA M L	U06DE22S0146	Rakshi
20	RAVIKIRAN V NAIK	U06DE22S0117	Ravikiran
21	SAHANA K B	U06DE22S0118	Sahana. K.B
22	SAKAMMA BAI K J	U06DE22S0171	Sakamma.
23	SHAZIYA BANU	U06DE22S0115	Shaziya
24	SNEHASHREE S G	U06DE22S0027	Snehashree
25	SUNAINA R	U06DE22S0096	Sunaina.R.
26	SYED SHADAB	U06DE22S0026	
27	SYEDA AMREEN	U06DE22S0094	Amreen
28	SYEDA KHUTEJA	U06DE22S0020	Khuteja
29	SYEDA NOOR HAFSA	U06DE22S0009	Hafsa
30	TASLEEM FATHIMA	U06DE22S0129	Tasleem
31	VAIBHAVI H R	U06DE22S0044	Vaibhavi
32	VAISHNAVI B M		
33	VEERENDRA S P	U06DE22S0098	Veerendra.SP
34	VIGNESH T R	U06DE22S0111	Vignesh T.R
35	MUAZ AHMED	U06DE22S0160	Muaz Ahmed
36	RAJESH A		
37	SHAFIYA BANU	U06DE22S0049	Shafiya
38	DARSHAN T S	U06DE22S0199	Darshan T.S
39	PRADYUMNA MA	U06DE22S0188	Pradyumna.M.A
40	RABIYA BANU	U06DE22S0186	Rabiya Banu
41	BINDU C	U06DE22S0196	Bindu C
42			
43	All Seminar Reports Recieved.		
44			
45			

1. Aniruddha.S.
2. Sushmitha.K
3. Narditha.A.

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DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA

DEPARTMENT OF MATHEMATICS

SEMINAR REPORT

(Based on NEP-2020)

Name of the Student : Bindu . C

Registration Number : U06DE22S0196

Semester &Course : Ist Sem (BSc) (MCs)

Academic Year : 2022-23

Assignment Topic : L- Hospital Rule

Assignment submitted to : Dr. Chandru K (Maths HOD)
Department of Mathematics

Date of submission : 13/12/2022

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10/10

L - Hospital rule (Indeterminate forms)

Let $f(x)$ & $g(x)$ be two real value continuous functions then at a point $x = a$, if $\lim_{x \to a} \frac{f(x)}{g(x)}$ tends to an indeterminate form (viz, $\frac{0}{0}$, $\frac{\infty}{\infty}$, 0^{∞}, ∞^{0}, ∞^{∞}, 0^{0} etc) then the process of differentiating $f(x)$ & $g(x)$ seperately without applying quotient rule and then applying the limit until not attaining indeterminate form is called L - Hospital Rule.

Problem :-

$$\lim_{x \to 2} \left[\frac{x^3 - 7x^2 + 10x}{x^2 + x - 6} \right]$$

$$\left[\frac{2^3 - 7(2)^2 + 10(2)}{2^2 + 2 - 6} \right] =$$

$$= \left[\frac{8 - 28 + 20}{6 - 6} \right] = \frac{0}{0} \text{ form.}$$

By L - Hospital rule,

$$\lim_{x \to 2} \left[\frac{3x^2 - 7(2x) + 10}{2x + 1} \right]$$

$$= \left[\frac{3(2)^2 - 7(2(2)) + 10}{2(2) + 1} \right]$$

$$= \left[\frac{12 - 28 + 10}{5} \right] = \frac{-6}{5}$$

② $\lim_{x\to\infty}\left[\frac{e^x}{x^2}\right] = \left(\frac{\infty}{\infty}\right)$ if

By L Hospital Rule,

$\lim_{x\to\infty}\left[\frac{e^x}{2x}\right] = \frac{\infty}{\infty}$

$\Rightarrow \lim_{x\to\infty}\left[\frac{e^x}{2}\right] = \infty$

③ $\lim_{x\to 0}\left[\frac{\sin x}{x}\right] = \left(\frac{0}{0}\right)$

By LH Rule

$\Rightarrow \lim_{x\to 0}\left[\frac{\cos x}{1}\right]$

$\Rightarrow \cos 0 = 1$

$\lim_{x\to 0}\left[\frac{\sin mx}{\sin nx}\right] = \frac{0}{0}$

By L-Hospital Rule,

$\lim_{x\to 0}\left[\frac{m\cos mx}{n\cos nx}\right]$

$\Rightarrow \frac{m}{n}(1) = \frac{m}{n}.$

$\lim_{x\to 0}\left[\frac{\tan x}{x}\right]^{1/x^2}$

Let $l = \lim_{x\to 0}\left[\frac{\tan x}{x}\right]^{1/x^2}$

Apply log on both side

$\log l = \lim_{x\to 0}\frac{1}{x^2}\log\left[\frac{\tan x}{x}\right]$

$$= \lim_{x\to 0} \frac{\log\left[\frac{\tan x}{x}\right]}{x^2} = \frac{0}{0}$$

By L-Hospital Rule

$$\lim_{x\to 0} \left[\frac{1}{\frac{\tan x}{x}} \left\{\frac{\sec^2 x \cdot x - \tan x \cdot 1}{x^2}\right\}\right]$$

$$\lim_{x\to 0} \left[\frac{x}{\tan x}\left[\frac{x\sec^2 x - \tan x}{2x}\right]\right]$$

$$\lim_{x\to 0} \left[\frac{x\sec^2 x - \tan x}{2x^2 \tan x}\right] = \frac{0}{0}$$

$$\lim_{x\to 0} \left[\frac{2\sec^2 x \cdot \tan x - \sec^2 x}{4x}\right]$$

$$\lim_{x\to 0} \left[\frac{2(2\sec x \cdot \sec x \cdot \tan x \tan x + \sec^2 x \sec x)\ 2\sec x \cdot \sec x \tan x}{1}\right]$$

$$\frac{1}{4}\left[\frac{1-2(0)}{1}\right] = \frac{1}{4}$$

$\therefore \log l = \frac{1}{4}$

$\Rightarrow \boxed{l = e^{1/4}}$

$$\lim_{x\to 0} \left(\frac{1}{x}\right)^{\tan x}$$

Let $l = \lim_{x\to 0} \left(\frac{1}{x}\right)^{\tan x}$

Take log on both side.

$\log l = \lim_{x\to 0} \log \tan x \log\left(\frac{1}{x}\right)$

By L-Hospital rule,

$$\log l = \lim_{x\to 0} \frac{\log\left(\frac{1}{x}\right)}{\cot x}.$$

$\Rightarrow \log l = \lim_{x\to 0}\left[\frac{\frac{1}{\left(\frac{1}{x}\right)}\cdot\left(\frac{-1}{x^2}\right)}{-\operatorname{cosec}^2 x}\right]$

$= \lim_{x\to 0}\left[\frac{x\left(\frac{-1}{x^2}\right)}{\operatorname{cosec}^2 x}\right] = \lim_{x\to 0}\left[\frac{1/x}{\operatorname{cosec}^2 x}\right]$

$= \lim_{x\to 0}\left[\frac{1/x}{1/\sin^2 x}\right] = \lim_{x\to 0}\left[\frac{\sin^2 x}{x}\right] = \frac{0}{0}.$

By L-H Rule.

$\Rightarrow \lim_{x\to 0}\left[\frac{2\sin x\cos x}{1}\right]$

$= 2\sin(0)\cos(0) = 0$

$\log l = 0.$

$\Rightarrow \boxed{l = e^0 = 1}$

$l = \lim_{x\to 1}\left[(1-x^2)^{\frac{1}{\log(1-x)}}\right]$

Apply log on both side.

$\Rightarrow \log l = \lim_{x\to 1}\frac{1}{\log(1-x)}\log(1-x^2)$

$\lim_{x\to 1}\left[\frac{\log(1-x^2)}{\log(1-x)}\right]$

By L-H Rule.

$\log l = \lim_{x\to 1}\left[\frac{\frac{1}{(1-x^2)}(-2x)}{\frac{1}{(1-x)}(-1)}\right]$

$\lim_{x\to 1}\left[\frac{2x(1-x)}{(1-x^2)}\right]$

$\lim\left[\frac{2x(1-x)}{(1-x)(1+x)}\right]$

$\log l = \frac{2(1)}{1+1} = \frac{2}{2} = 1 \quad \log l = 1 \Rightarrow \boxed{l = e}$

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

I-BSc-2022-23, I-Semester (NEP)

SUBJECT: Mathematics(CORE) - Seminar List

Students List

SL NO	Name of the Student	Register Number	Signature
1	ABHISHEK A	U06DE22S0074	
2	AKASH K N	U06DE22S0050	
3	ARSHI ASGARI	U06DE22S0178	
4	ASIPIYA TEHARIN	U06DE22S0142	
5	AYESHA FIRDOSE	U06DE22S0024	
6	BI BI RABIYA BASRI	U06DE22S0080	
7	BINDHU P	U06DE22S0018	
8	FAZEELA KHANUM	U06DE22S0161	
9	HARSHITHA L P	U06DE22S0102	
10	HARSHITHA R S	U06DE22S0029	
11	HEMALATHA L	U06DE22S0130	
12	NAYANA C T	U06DE22S0114	
13	NIRMALA M	U06DE22S0132	
14	NISARGA M	U06DE22S0147	
15	NISHCHITHA U H	U06DE22S0164	
16	NOORAIN KHANUM	U06DE22S0165	
17	POOGA G L	U06DE22S0086	
18	PRIYANKA T N	U06DE22S0088	
19	RAKSHITHA M L	U06DE22S0146	
20	RAVIKIRAN V NAIK	U06DE22S0117	
21	SAHANA K B	U06DE22S0118	
22	SAKAMMA BAI K J	U06DE22S0171	
23	SHAZIYA BANU	U06DE22S0115	
24	SNEHASHREE S G	U06DE22S0027	
25	SUNAINA R	U06DE22S0096	
26	SYED SHADAB	U06DE22S0092	
27	SYEDA AMREEN	U06DE22S0094	
28	SYEDA KHUTEJA	U06DE22S0020	
29	SYEDA NOOR HAFSA	U06DE22S0009	
30	TASLEEM FATHIMA	U06DE22S0129	
31	VAIBHAVI H R	U06DE22S0044	
32	VAISHNAVI B M		
33	VEERENDRA S P	U06DE22S0098	
34	VIGNESH T R	U06DE22S0111	
35	MUAZ AHMED	U06DE22S0160	
36	RAJESH A		
37	SHAFIYA BANU	U06DE22S0049	
38	DARSHAN T S	U06DE22S0189	
39	PRADYUMNA MA	U06DE22S0188	
40	RABIYA BANU	U06DE22S0186	
41	BINDU C	U06DE22S0196	
42			
43			
44	All Seminar Reports Recieved.		
45			

1. Aniruddha.S.
2. Sushmitha.K
3. Nanditha.A.

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DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA
DEPARTMENT OF MATHEMATICS

SEMINAR REPORT
(Based on NEP-2020)

Name of the Student : HARSHITHA.L.P

Registration Number : U06DE22S0102

Semester &Course : BSc. I st Semester.

Academic Year : 2022

Assignment Topic : Polar coordinates and relation -ship b/w polar and cartesian coordinate system

Assignment submitted to : Dr.. Chandru
Mathematics department

Date of submission : 16/12/2022

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POLAR COORDINATES

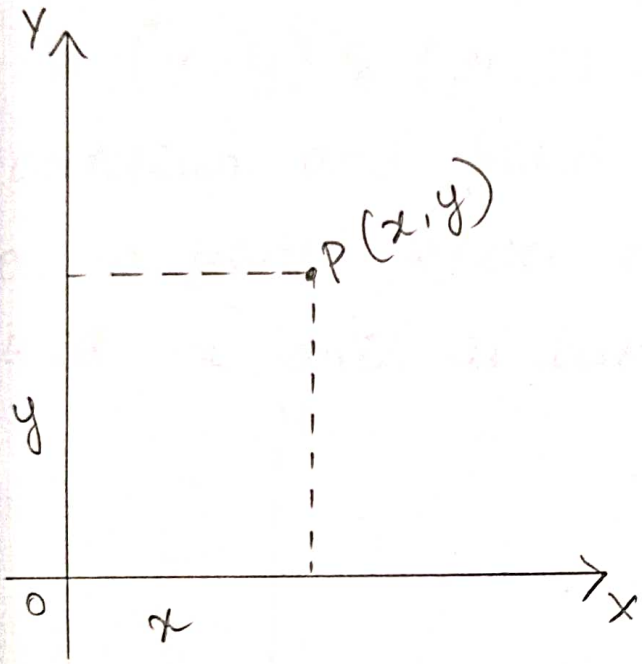
Introduction:-

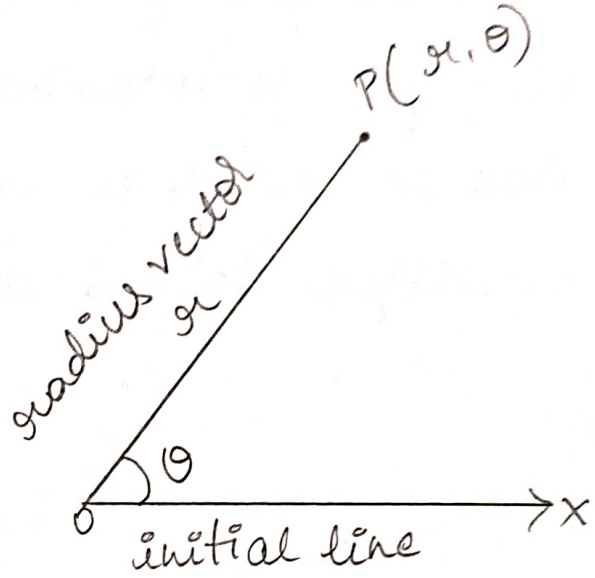
In Mathematics, the polar coordinate system is a two dimensional co-ordinate system in which each point on a plane is determined by a distance from reference point and an angle from reference direction

In this chapter we shall study the concepts related to polar coordinates functions in polar co-ordinates, study of plane curves including radius vector, tangent, angle b/w them length of perpendicular from pole to the tangent, pedal equation derivative arc, curvature of plane curves, radius and centre of curvature finally

POLAR COORDINATES

When each point on a plane of a two-dimensional coordinate system is decided by a distance from a reference point and an angle is taken from a reference direction it is known as the Polar coordinate system





cartesian coordinate system Polar coordinate system

Let 'P' be the point on the plane represented by cartesian coordinates as (x, y). In the polar coordinate system we start with a fixed point called pole or origin and a fixed straight line called initial reference

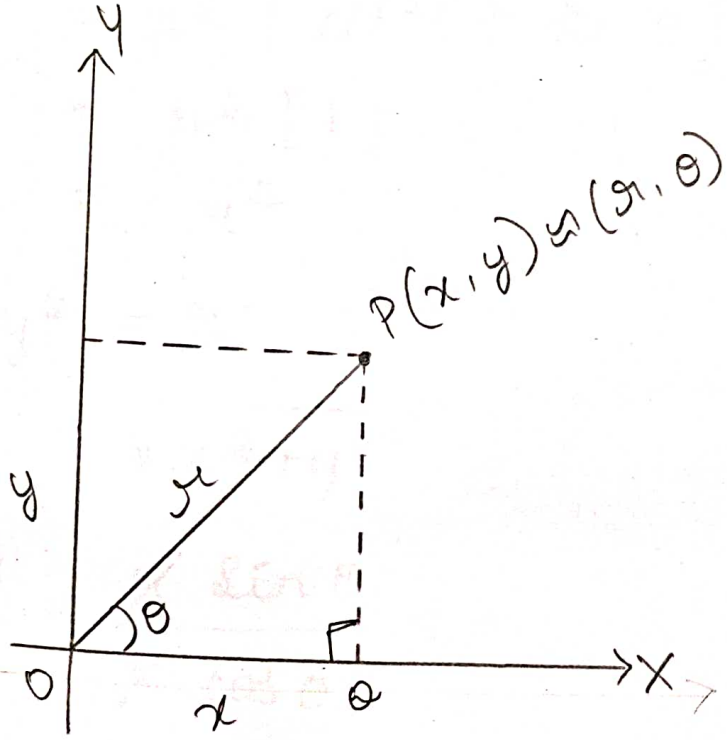
Let 'O' be the pole and 'OX' be the initial line. Let P be the given point then the distance OP is called radius vector.

represented by 'r' and OP makes an angle with initial line represented by 'θ'

Here the coordinates (r, θ) of the point P on a plane are called as Polar coordinates.

Relation b/w cartesian & Polar coordinates:

Let (x, y) & (r, θ) respectively represents the cartesian and polar coordinates of any point P on a plane where origin is taken as pole and x axis is taken as initial reference



From the diagram we get

$$\cos\theta = \frac{adj}{hyp}$$

$$\cos\theta = \frac{OQ}{OP}$$

$$\cos\theta = \frac{x}{r}$$

$$x = r\cos\theta$$

III^{ly} $\sin\theta = \frac{opp}{hyp}$

$$\sin\theta = \frac{PQ}{OP}$$

$$\sin\theta = \frac{y}{r}$$

$$y = r\sin\theta$$

By squaring and adding we get

$$x^2 + y^2 = r^2\cos^2\theta + r^2\sin^2\theta$$

$$= r^2[\cos^2\theta + \sin^2\theta]$$

$$= r^2[1]$$

$$= r^2$$

$$x^2 + y^2 = r^2$$

$$r = \sqrt{x^2+y^2}$$

III^{ly}

$$\frac{y}{x} = \frac{r\sin\theta}{r\cos\theta}$$

$$\frac{y}{x} = \frac{\sin\theta}{\cos\theta}$$

$$\frac{y}{x} = \tan\theta$$

$$\theta = \tan^{-1}(y/x)$$

DVS COLLEGE OF ARTS AND SCIENCE, SHIMOGA

Department of Mathematics

Second Year BSc-3rd Semester (2022-23) - NEP - Seminar Topics

SL NO	Register No.	Name of the Student	Seminar Topics	Max Marks(10)	Signature
1	U06DE21S0185	ABHINAYA P	Problems on sequences (behaviour of sequences, convergence, divergence, monotonicity and boundedness)		Abhinaya.P
2	U06DE21S0174	ANUPRIYA R			Anupriya.R
3	U06DE21S0222	ANUPRIYA V			Anupriya.V
4	U06DE21S0038	ARPITHA G C			Arpitha.G.C
5	U06DE21S0030	BINDUSHREE R			Bindushree.R
6	U06DE21S0129	CHETAN B T			Chet B.T
7	U06DE21S0252	CHITRA S			Chitra.S.
8	U06DE21S0022	ESHWARI PRABHAKARA H			Eshwari.P.H
9	U06DE21S0034	GIRIJA S M			Girija.S.M
10	U06DE21S0138	GUNASHREE M H			Gunashree.M.H
11	U06DE21S0019	HARSHITHA N S			Harshitha N.S.
12	U06DE21S0007	KAVYA S K			Kavya.S.K
13	U06DE21S0247	L CHAVADE RAJESH			
14	U06DE21S0091	LAVANYA M			Lavanya
15	U06DE21S0012	LIKHITHA UPPAR G R			Likhitha Uppara.R
16	U06DE21S0224	LOHITH B V			Lohith.B.V
17	U06DE21S0146	LOHITH N			Lohith.N
18	U06DE21S0148	MADHUSHREE C J			Madhushree
19	U06DE21S0214	MANDIRA S	Problems on Linear Differential Equations with constant coefficients (Rule-1,2,3 and 4)		Mandira.S
20	U06DE21S0251	MEGHA S S			Megha.S.S
21	U06DE21S0028	MEGHANA S			Meghana.S
22	U06DE21S0107	MISBAH KOUKAB			Misbah Koukab
23	U06DE21S0011	MOKSHITH KUMAR K M			Mokshith Kumar.K.M
24	U06DE21S0165	MONISHA A			Monisha.A
25	U06DE21S0125	NIRMALA M B			Nirmala.M.B
26	U06DE21S0088	PADMA B S			Padma
27	U06DE21S0055	PRAJWAL M S			Prajwal.M.S
28	U06DE21S0253	PRIYA D K	Problems on Homogeneous Linear Differential Equations (Cauchy Euler DEs)		Priya
29	U06DE21S0248	PUNEETH M			Puneeth
30	U06DE21S0220	RAJANI K			Rajani.K
31	U06DE21S0079	RAKSHITHA K L			Rakshitha.K.L
32	U06DE21S0045	RAKSHITHA S			Rakshitha.S
33	U06DE21S0018	RESHMA B H			Reshma.B.H
34	U06DE21S0213	ROHAN M			Rohan.M.M
35	U06DE21S0083	SANDARSH J N			Sandarsh
36	U06DE21S0182	SANGEETHA K			Sangeetha.K
37	U06DE21S0176	SANIYA NAAZ	Problems on ODEs (Variable Seperable Forms, Homogeneous, Exact DE s and Integrating Factor methods)		Saniya naaz
38	U06DE21S0172	SHAMANAZ M			Shamanaz.M
39	U06DE21S0071	SHASHANK D			SHASHANK.D
40	U06DE21S0003	SHREYA N SHANBHAG			Nshreya.
41	U06DE21S0075	SHRUTHA G M			Shruthe G.M
42	U06DE21S0258	SIDDESH G V			Siddesh.G.V
43	U06DE21S0104	SIGANDHU Y			Sigandhu.Y
44	U06DE21S0052	SINCHANA S M			Sinchana S.M
45	U06DE21S0167	SPOORTHI D S			Spoorthi D.S
46	U06DE21S0140	SUCHETHA L			Suchetha.L
47	U06DE21S0106	SUMAIYA FATHIMA			
48	U06DE21S0053	SUSHMA R N			Sushma.R.N
49	U06DE21S0105	SYEDA ADEEBA ARFAIN			
50	U06DE21S0212	VENKATESH RAJAPPA ARIKATTI			
51	U06DE21S0021	VIDHYASHREE B			Vidhyashree.B.
52	U06DE21S0186	VIKAS D S			
53		S S DHANUSH			Dhanush
54		AASHAYA A			Ashaya A

Signature of In-charge Faculties

Signature of HOD

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DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA
DEPARTMENT OF MATHEMATICS

SEMINAR REPORT
(Based on NEP-2020)

Name of the Student : Spoorthi D.S

Registration Number : U06DE21S0167

Semester &Course : IInd BSc, 3rd Semester

Academic Year : 2022-23

Assignment Topic : Problems on exact Differential equation.

Assignment submitted to : Department of Mathematics

Valued:

Date of submission : 9/02/2023

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Exact Differential Equations :-

A differential equation is said to be exact if it can be obtained by its general solution on differentiation without any transformation or elimination of arbitary constant.

Working Rule :-

If the DE $Mdx + Ndy = 0$ is exact

(i) Integrate 'M' w.r.t x keeping y as constant.

(ii) Integrate 'N' w.r.t y and eliminate the terms containing x.

(iii) Equate it to C, the arbitary constant.

$$\int_{y=\text{constant}} M\,dx + \int_{x=\text{delete}} N\,dy = \int 0 = C$$

→ Solve :-

① $3x(xy-2)dx + (x^3+2y)dy = 0$

Sol:- Given, $(3x^2y-6x)dx + (x^3+2y)dy = 0$

$M = 3x^2y - 6x$

$N = x^3+2y$

$\frac{\delta M}{\delta y} = 3x^2 \qquad \frac{\delta N}{\delta x} = 3x^2$

$\therefore \frac{\delta M}{\delta y} = \frac{\delta N}{\delta x} \Rightarrow$ ① is a exact DE.

Now, $\int (3x^2y-6x)dx + \int (x^3+2y)dy = G$

y = constant — x delete

$\Rightarrow 3x^3/3\,y - 6x^2/2 + 2y^2/2 = G$

$\Rightarrow \underline{x^3y - 3x^2 + y^2 = G}$

$\therefore x^3y - 3x^2 + y^2$ is the General solution of ①.

→ Solve

② $(x^2-ay)dx - (ax-y^2)dy$

Sol:- $M = x^2-ay \qquad N = -ax+y^2$

$\frac{\delta M}{\delta y} = -a \qquad \frac{\delta N}{\delta x} = -a$

$\therefore \frac{\delta M}{\delta y} = \frac{\delta N}{\delta x}$ is exact D.E.

$\Rightarrow \int (x^2-ay)dx - \int (ax-y^2)dy = G$

$\Rightarrow \underline{x^3/3 - axy + y^3/3 = G}$ is the GS

→ Solve

(3) $(12x + 5y - 9)dx + (5x + 2y - 4)dy = 0$

Sol:- Given,

$(12x + 5y - 9)dx + (5x + 2y - 4)dy = 0 \longrightarrow (*)$

$M = 12x + 5y - 9$

$N = 5x + 2y - 4$

$\frac{\delta M}{\delta y} = 5 \qquad \frac{\delta N}{\delta x} = 5$

$\therefore \frac{\delta M}{\delta y} = \frac{\delta N}{\delta x} \Rightarrow (*)$ is a exact differential equation

Now,

$\int_{y \text{ constant}} (12x + 5y - 9)dx + \int_{x\text{-delete}} (5x^0 + 2y - 4)dy = \int 0$

$\Rightarrow \frac{12x^2}{2} + 5y - 9x + \cancel{2}y^2/\cancel{2} - 4y = C$

$\Rightarrow 6x^2 + 5y - 9x + y^2 - 4y = C$ is the General solution of (*)

→ Solve

(4) $(x - 2y)dx + 2(y - x)dy = 0 \longrightarrow (*)$

Sol:- $M = x - 2y \qquad N = 2y - 2x$

$\frac{\delta M}{\delta x} = -2 \qquad \frac{\delta N}{\delta y} = -2 \qquad \therefore \frac{\delta M}{\delta y} = \frac{\delta N}{\delta x} \Rightarrow (*)$ is exact DE.

$\Rightarrow \int_{y \text{ constant}} (x - 2y)dx + \int_{x\text{-delete}} (2y - 2x)dx = \int 0$

$\Rightarrow x^2/2 - 2xy + 2y^2/2 = C$

$\Rightarrow x^2/2 - 2xy + y^2 = C$ is the [G.S] General Solution.

→ Solve

(5) $(2x^3 - xy^2 - 2y + 3)dx - (x^2y + 2x)dy = 0$

Sol:- Given, $(2x^3 - xy^2 - 2y + 3)dx - (x^2y + 2x)dy = 0$ → (*)

$M = 2x^2 - xy^2 - 2y + 3$

$N = x^2y + 2x$

$\frac{\delta M}{\delta y} = -2xy - 2$

$\frac{\delta N}{\delta x} = -2xy - 2$

$\therefore \frac{\delta M}{\delta y} = \frac{\delta N}{\delta x} \Rightarrow$ eqn (*) is exact DE.

$\Rightarrow \int (2x^3 - xy^2 - 2y + 3)dx - \int (x^2y + 2x)dy = \int 0$ → 0

$\Rightarrow \frac{2x^4}{4} - \frac{x^2}{2}y^2 - 2xy + 3x = c_1$

$\Rightarrow \frac{x^4}{2} - \frac{x^2y^2}{2} - 2xy + 3x = c_1$ is the General Solution of (*).

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I- BA - I Semester - Seminar Topic List 2022-23

SUBJECT: Competitive Mathematics - I (ELECTIVE)

SL NO	Register No.	Name of the Student	Seminar Topic
1	U06DE22A0119	AKASH M R	Number Series
2	U06DE22A0068	ANUSHA N	
3	U06DE22A0110	BI BI AYESHA	
4	U06DE22A0029	CAHITRA J RAYKAR	
5	U06DE22A0116	DIVYA S GURUVIN	
6	U06DE22A0124	INDRAJITH N S	Alphabetical Order and Alphabetical quibble
7	U06DE22A0112	JAYANTH S	
8	U06DE22A0118	KAVYA T S	
9	U06DE22A0041	NIRMITHA C J	
10	U06DE22A0030	PRAMODA S	
11	U06DE22A0060	RAHEENA	Coding and Decoding
12	U06DE22A0151	RAHUL N M	
13	U06DE22A0044	RAKSHITHA BAI S E	
14	U06DE22A0083	SACHIN G	
15	U06DE22A0097	SAYEDA MADIHA	
16	U06DE22A0122	SOUNDARYA C	Numbers and Ranking
17	U06DE22A0010	SOUNDARYA S B	
18	U06DE22A0155	SIDDANAGOUDA S MALIPATIL	
19	U06DE22A0136	VASUDEVA S S	
20	U06DE22A0038	NAVEENA N B	
21	U06DE22A0103	VARUN M P	

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KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI (R)

D V S COLLEGE OF ARTS AND SCIENCE

SHIMOGA – 577201

Acedemic Year :- 2022-2023

Department :- mathematics Department

~~ASSINGNMENT~~ Seminar -

Topic: ORDER AND RANKING

NAME : Rakshitha Bai S.E

REG NO : U06DE22A0044

COMBINATION : 1st BA [Economic, Political science]

SEMESTER : 1st

DATE OF SUBMISSION : 30/12/22

STUDENT SIGN : Rakshitha Bai S.E

SUBMITED FROM :-

Rakshitha Bai S.E
1st BA
'A' section.

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SUBMITED TO:-

Department of mathematics

ORDER AND RANKING

1] In a row of 48 students Rohan is 26th from right end and sohan is 12th from left end. How many student are between them?

A:- Given:-

Total number of student = 48

Rank of Rohan from right end = 26

Rank of sohan from left end = 12

mid number = ?

mid number = Total Number - Rank from right - Rank from left

= 48 - 26 - 12

= 10

∴ 10 student are there between Rohan and Sohan.

2] Shalu is 5th to the right of Nitima who is 24th from right end Shivi is 8th to the left of shalu and is 21st from left end Then

How many Students are there in the row?

→ Given:-

Rank of shalu from Nilima right = 5
Rank of Nilima from right end = 24
Rank of shivi left of shalu = 8
Rank of shivi from left end = 21
Total Number = ?

Rank of shivi from right end = Rank of Nilima from right end + Rank of shivi left of Nilima

= 24 + 13

= 37

Total No = Rank of shivi left end from + Rank of shivi from right end - 1

= 21 + 37 - 1

= 57

∴ There 57 students in a row

③ Raheema is 11th to the left of shan who is 28th from the left end of a row of 40 students Then what will be Raheema Position from Right?

→ Given:-

Rank of Shan from left end = 28

Total Number = 40

Raheema rank from left of Shan = 4

Rank of Reheema from right = ?

Rank of Shan from right end = Total No - Rank from Right end + 1

$= 40 - 28 + 1$

$= 13$

Rank of Reheema from right = 13 + 4

$= 24$

∴ Rank of Raheema from right end = 24

4] Ranjan is Sixteenth from the left end and Vineet is tenth from the right end in a row of boys. If There are eight boys between Ranjan and Vineet How many boys are There in the row?

→ Given:-

Rank of Ranjan from left = 16

Rank of Vineet from right = 10

Boys between Ranjan and Vineet = 8

Total No of boys = ?

Total No = Rank of from left + Rank from right - 1

= 16 + 10 - 1

= 25 + 8

= 33

∴ Total No of boys in row is 33.

5] Geeta is taller than Seeta but not shorter than Radha and Rani are of the same height geeta is shorter than Pare. A mogit all the girls who is the shorter?

→ Seeta is shorter than all girls as she is shorter from geeta who is taller than Stee Seeta but shorter from all girls.

11/01/23

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

Department of Mathematics

NEP 1st BSc (Semester-II)-2022-23

SUBJECT: MATHEMATICS (Core)-MATDSCT 2.1

List of Students Completed Seminar

SL NO	Register No.	Name of the Student	
1	U06DE22S0074	ABHISHEK A	
2	U06DE22S0050	AKASH K N	
3	U06DE22S0178	ARSHI ASGARI	
4	U06DE22S0142	ASIPIYA TEHARIN	
5	U06DE22S0022	AYESHA FIRDOSE	
6	U06DE22S0080	BI BI RABIYA BASRI	
7	U06DE22S0018	BINDHU P	
8	U06DE22S0161	FAZEELA KHANUM	
9	U06DE22S0102	HARSHITHA L P	
10	U06DE22S0029	HARSHITHA R S	
11	U06DE22S0130	HEMALATHA L	
12	U06DE22S0114	NAYANA C T	
13	U06DE22S0132	NIRMALA M	
14	U06DE22S0147	NISARGA M	
15	U06DE22S0164	NISHCHITHA U H	
16	U06DE22S0165	NOORAIN KHANUM	
17	U06DE22S0086	POOJA G L	
18	U06DE22S0088	PRIYANKA T N	
19	U06DE22S0146	RAKSHITHA M L	
20	U06DE22S0117	RAVIKIRAN VEERABHADRA NAIK	
21	U06DE22S0118	SAHANA K B	
22	U06DE22S0171	SAKAMMA BAI K J	
23	U06DE22S0115	SHAZIYA BANU	
24	U06DE22S0027	SNEHASHREE S G	
25	U06DE22S0096	SUNAINA R	
26	U06DE22S0024	SYED SHADAB	
27	U06DE22S0094	SYEDA AMREEN	
28	U06DE22S0020	SYEDA KHUTEJA	
29	U06DE22S0009	SYEDA NOOR HAFSA	
30	U06DE22S0129	TASLEEM FATHIMA	
31	U06DE22S0044	VAIBHAVI H R	
32	U06DE22S0098	VEERENDRA S P	
33	U06DE22S0111	VIGNESH T R	
34	U06DE22S0160	MUAZ AHMED	
35	U06DE22S0049	SHAFIYA BANU	
36	U06DE22S0189	DARSHAN T S	
37	U06DE22S0188	PRADYUMNA MA	
38	U06DE22S0186	RABIYA BANU	
39	U06DE22S0196	BINDU C	

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DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA

DEPARTMENT OF MATHEMATICS

SEMINAR REPORT

(Based on NEP-2020)

Name of the Student : Sahana. K.B

Registration Number : U06DE22S0118

Semester &Course : B.Sc IInd Semester.

Academic Year : 2022-23

Assignment Topic : Groups

Assignment submitted to : Department of Mathematics

Date of submission :

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<~ : Groups : ~>

Binary operations :~>

* Addition
* Multiplication
* Subtraction
* Division

A Non Empty Set G with the Mapping $* : G \longrightarrow G$

OR

$* : (G * G) \longrightarrow G$ is called as a Set With Binary operations.

Example :~> $N = \{1, 2, 3, 4, 5, 6\}$

Let $a, b \in N$ $\quad G = N$

$* : (N * N) \longrightarrow N$, defined by

i) $a * b = a + b$

$a = 1 \in N$

$b = 2 \in N$

$a + b = 1 + 2 = 3 \in N$

$\therefore$ '+' is a binary operation under Natural numbers.

ii) $a * b = a - b$

$\therefore$ '$-$' is not binary operation under Natural Numbers

iii) $a * b = a \cdot b$

$a = 1 \in N$

$b = 2 \in N$

$a \cdot b = 1 \cdot 2 = 2 \in N$

$\therefore$ '$\times$' or '$\cdot$' is a Binary operation under Natural Numbers

iv) $a * b = a \div b$

$a = 1 \in N$

$b = 2 \in N$

$a \div b = \frac{1}{2} = 0.5 \notin N$

$\therefore$ '$\div$' is not a Binary operation under Natural Numbers.

Definition :-

A Non-Empty Set Q. with the Binary operation $*$ is Said to be agreed. it is Satisfied 4 laws.

i) closure law :-

$\forall a, b \in G \Rightarrow (a * b) \in G$

ii) Associative law :-

$\forall a, b \& c \in G$

$\Rightarrow (a * b) * c = a * (b * c)$

iii) Identity law :-

$\forall a, b \in G \Rightarrow a * e = a = e * a$

Where, e → identity element

iv) inverse law :-

$\forall a \in G, \exists a^{-1} \in G$, such that

$a * a^{-1} = e = a^{-1} * a$

then a^{-1} is called inverse element of a.

If G satisfies commutative law,

(i.e, $a * b = b * a$)

then G is called "commutative group

or

"ABELIAN GROUP"

i.e $\forall a, b \in G \Rightarrow a * b = b * a$.

Problems such

1) Show that $(Z, +)$ is a group, where Z is the set of integers is $(Z, +)$ Abelian?

$Z = \{ \ldots, -3, -2, -1, 0, 1, 2, 3, \ldots \}$

Let $m \& n \in Z$

i) closure law

$\forall m, n \in Z \Rightarrow (m+n) \in Z$

$\therefore$ closure law is satisfied

$-2, 3 \Rightarrow -2 + 3 = 1$

ii) Associative law

Let $m, n, p \in Z$

$\Rightarrow (m+n)+p = m + (n+p)$

$\therefore$ Associative law is satisfied

iii) Identity law

$\forall m \in Z \Rightarrow m * e = m = e * m$

If $* = +$, $\boxed{e = 0}$

$m + 0 = m = 0 + m, \quad 0 \in Z$

$\therefore$ Identity law is satisfied

iv) Inverse law

$\forall m \in Z$, $m * m^{-1} = e = m^{-1} * m$, $e \in Z$, $m^{-1} \in Z$

if $* = +$ $\boxed{e = 0}$

$m + m^{-1} = 0 = m^{-1} + m$, $0 \in Z$, $m^{-1} \in Z$

$m + m^{-1} = 0$

$\Rightarrow m^{-1} = (0 - m) = -m \in Z$ & hence inverse law holds good.

$(Z, +)$ is a group

v) Commutative law

$\forall m, n \in Z \; (m * n) = (n * m) \in Z$

$\Rightarrow (m + n) = (n + m) \in Z$

$\therefore$ Commutative law holds good

$\Rightarrow (Z, +)$ is Abelian

(2) Show that the set of integers under multiplication is not a group?

$\rightarrow Z = \{---3, -2, -1, 0, 1, 2, 3---\}$

Let $m \& n \in Z$

i) closure law :- $\forall m, n \in Z \Rightarrow (m \times n) \in Z$

$\therefore$ closure law is satisfied

ii) Associative law :- Let $m, n, p \in Z \Rightarrow$

$(m \times n) \times p = m \times (n \times p)$

$\therefore$ Associative law satisfied

iii) Identity law :- $\forall m \in Z \Rightarrow$

$$m * e = m = e * m, \quad e \in Z$$

if $* = \times$, $\boxed{e = 1}$

$\therefore m \times 1 = m = 1 \times m, \quad 1 \in Z$

$\therefore$ Identity law is satisfied

iv) Inverse law :-

$\forall m \in Z, \; m * m^{-1} = e = m^{-1} * m$

$e \in Z, \; m^{-1} \in Z$

if $* = \times$, $\boxed{e = 1}$

$\therefore m \times m^{-1} = 1 = m^{-1} \times n, \quad 1 \in m$

$m^{-1} \in Z$

$m \times m^{-1} = 1 \Rightarrow m^{-1} = \frac{1}{m} \notin Z$

$\therefore$ Inverse law is not satisfied

$\therefore (Z, \times)$ is not a group

(3) Show that the set $e = \{ \begin{pmatrix} a & b \\ c & d \end{pmatrix} \in M_2(R)$ such that $a, b, c, d \in R$ is a group under addition where R-s set of real numbers $M_2(R)$ —S set of Matrics of order 2x2 with real entries.

i) closure law : let $\begin{pmatrix} a & b \\ c & d \end{pmatrix} \& \begin{pmatrix} p & q \\ r & s \end{pmatrix} \in G$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} + \begin{pmatrix} p & q \\ r & s \end{pmatrix} = \begin{pmatrix} a+p & b+q \\ c+r & s+d \end{pmatrix} \in G$$

∴ closure law is satisfied

ii) Associative law :

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} \begin{pmatrix} p & q \\ r & s \end{pmatrix} \& \begin{pmatrix} e & f \\ g & h \end{pmatrix} \in G$$

$$\left[\begin{pmatrix} a & b \\ c & d \end{pmatrix} + \begin{pmatrix} p & q \\ r & s \end{pmatrix} \right] + \begin{pmatrix} e & f \\ g & h \end{pmatrix} = \begin{pmatrix} a & b \\ c & d \end{pmatrix} + \left[\begin{pmatrix} p & q \\ r & s \end{pmatrix} + \begin{pmatrix} e & f \\ g & h \end{pmatrix} \right]$$

$$\left[\begin{pmatrix} a+p & b+q \\ c+r & d+s \end{pmatrix} \right] + \begin{pmatrix} e & f \\ g & h \end{pmatrix} = \begin{pmatrix} a & b \\ c & d \end{pmatrix} \left[\begin{pmatrix} p+e & q+f \\ r+g & s+h \end{pmatrix} \right]$$

$$\begin{bmatrix} a+p+e & b+q+f \\ c+r+g & d+s+h \end{bmatrix} = \begin{bmatrix} a+p+e & b+q+f \\ c+r+g & d+s+h \end{bmatrix} \in G$$

∴ associative law is satisfied

iii) Identity law : $a * e = a = e * a$

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} + \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix} = \begin{pmatrix} a & b \\ c & d \end{pmatrix}$$

$$e = \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix} = G$$

∴ Identity law is satisfied

iv) Inverse law :

$$a * a^{-1} = e \begin{pmatrix} a & b \\ c & d \end{pmatrix} + \begin{pmatrix} -a & -b \\ -c & -d \end{pmatrix} = \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix}$$

$$\Rightarrow \begin{pmatrix} -a & -b \\ -c & -d \end{pmatrix} \text{ is the inverse element of } \begin{bmatrix} a & b \\ c & d \end{bmatrix}$$

& hence inverse law is satisfied

∴ G is a group under '+'

* Commutative law (Abelian law)

$$\begin{pmatrix} a & b \\ c & d \end{pmatrix} + \begin{pmatrix} e & f \\ g & h \end{pmatrix} = \begin{pmatrix} e & f \\ g & h \end{pmatrix} + \begin{pmatrix} a & b \\ c & d \end{pmatrix}$$

$$\begin{pmatrix} a+e & b+f \\ c+g & d+h \end{pmatrix} = \begin{pmatrix} e+a & f+b \\ g+c & h+d \end{pmatrix} \in G$$

∴ G is abelian group

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

Department of Mathematics

NEP 1st BSc (Semester-II)-2022-23

SUBJECT: MATHEMATICS (Core)-MATDSCT 2.1

List of Students Completed Seminar

SL NO	Register No.	Name of the Student	
1	U06DE22S0074	ABHISHEK A	
2	U06DE22S0050	AKASH K N	
3	U06DE22S0178	ARSHI ASGARI	
4	U06DE22S0142	ASIPIYA TEHARIN	
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10	U06DE22S0029	HARSHITHA R S	
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28	U06DE22S0020	SYEDA KHUTEJA	
29	U06DE22S0009	SYEDA NOOR HAFSA	
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37	U06DE22S0188	PRADYUMNA MA	
38	U06DE22S0186	RABIYA BANU	
39	U06DE22S0196	BINDU C	

Signature of HOD

Signature of Principal

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Shimoga

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA
DEPARTMENT OF MATHEMATICS

SEMINAR REPORT

(Based on NEP-2020)

Name of the Student : Jaslem Fathima

Registration Number : U06DE22S0019

Semester &Course : BSc 3rd Sem

Academic Year : 2023

Assignment Topic : * partial derivatives.
* jacobian Matrix.
* jacobian determinant
* jacobian properties.

Assignment submitted to : Department of Mathematics

Date of submission : 25/07/2023

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Jacobian

What is jacobian ?

The term "jacobian" often represents both the jacobian matrix and determinants, which represent is defined for the finite number of function with the same number of variables. Here each row consists of the first partial derivative of the same function, with respect to the variables. The jacobian matrix can be of any form. It may be a square matrix (number of rows and Number of columns are Equal) or the rectangular matrix (the number of rows and columns are not Equal.

Jacobian Matrix

For a function $f: R^3 \to R$, the derivative at P for a row vector is defined as.

$$\left(\frac{\partial f}{\partial x_1}(p), \frac{\partial f_1}{\partial x_2}(p), \cdots \frac{\partial f_1}{\partial x_n}(p)\right)$$

The Jacobian matrix for the given matrix is

$$\begin{bmatrix} \frac{\partial f^1}{\partial x_1} & \frac{\partial f^1}{\partial x_2} & \cdots & \frac{\partial f^1}{\partial x_m} \\ \frac{\partial f^2}{\partial x_1} & \frac{\partial f^2}{\partial x_2} & & \frac{\partial f^2}{\partial x_m} \\ \frac{\partial f^3}{\partial x_1} & \frac{\partial f^3}{\partial x_2} & & \frac{\partial f^3}{\partial x_m} \end{bmatrix}$$

The determinant for the above jacobian matrix is called a jacobian.

Jacobian Determinant

In a jacobian matrix, if $m = n = 2$ and the function $f: R^3 \to R$, is defined as: function,

$$f(x,y) = (u(x,y), v(x,y))$$

Here the jacobian matrix is written as:-

$$J = \begin{bmatrix} \frac{\partial u}{\partial x} & \frac{\partial u}{\partial y} \\ \frac{\partial v}{\partial x} & \frac{\partial v}{\partial y} \end{bmatrix}$$

Therefore, the determinant of a jacobian matrix is

$$\det(J) = \begin{vmatrix} \frac{\partial u}{\partial x} & \frac{\partial u}{\partial y} \\ \frac{\partial v}{\partial x} & \frac{\partial v}{\partial y} \end{vmatrix}$$

$$\det(J) = \left| \frac{\partial u}{\partial x} \cdot \frac{\partial v}{\partial y} - \frac{\partial u}{\partial y} \cdot \frac{\partial v}{\partial x} \right|$$

Jacobian Examples :-

Let $x(u,v) = u^2 - v^2$, $y(u,v) = 2uv$ find the jacobian $J(u,v)$

Given $x(u,v) = u^2 - v^2$

$y(u,v) = 2uv$

we know that

$$J(u,v) = \begin{bmatrix} x_u & x_v \\ y_u & y_v \end{bmatrix}$$

$$J(u,v) = \begin{bmatrix} 2u & -2v \\ 2v & 2u \end{bmatrix}$$

$$J(u,v) = 4u^2 + 4v^2$$

Therefore, $J(u,v)$ is $4u^2+4v^2$

Q:- For a normal cartesian to polar transformation, the equation can be written as :-

$x = r\cos\theta \qquad y = r\sin\theta$

The jacobian determinant is written as

$$J(r,\theta) = \begin{bmatrix} \frac{\partial x}{\partial r} & \frac{\partial x}{\partial \theta} \\ \frac{\partial y}{\partial r} & \frac{\partial y}{\partial \theta} \end{bmatrix}$$

Using these p.D on the polar equation we get

$$J(r,\theta) = \begin{vmatrix} \cos\theta & -r\sin\theta \\ \sin\theta & r\cos\theta \end{vmatrix}$$

$$J(r,\theta) = r(\sin^2\theta + \cos^2\theta) = r(1)$$

$$J(r,\theta) = 1$$

Properties of Jacobian.

1. If u and v are function of x and y then

$$\frac{\partial(u,v)}{\partial(x,y)} \times \frac{\partial(x,y)}{\partial(u,v)} = 1 \longrightarrow (1)$$

2) if u and v are functions of r,s and r,s are functions of x,y then (Chain rule)

$$\frac{\partial(u,v)}{\partial(x,y)} = \frac{\partial(u,v)}{\partial(r,s)} \times \frac{\partial(r,s)}{\partial(x,y)}$$

3) If functions u,v,w of three independent variables x,y,z are not independent, then

$$\frac{\partial(u,v,w)}{\partial(x,y,z)} = 0$$

Relationship (u,v,w)

Q_3 : The Spherical cartesian transformation

The transformation from spherical coordinates (ρ,ϕ,θ) to cartesian coordinates (x,y,z) is given by the function

$F: R^+ \times [0,\pi] \times [0,2\pi] \longrightarrow B^3$ with components

$x = \rho \sin\phi \cos\theta$

$y = \rho \sin\phi \sin\theta$

$z = \rho \cos\phi$

The jacobian matrix for this coordinate change is

$$J_F(\rho, \phi, \theta) = \begin{bmatrix} \frac{\partial x}{\partial \rho} & \frac{\partial x}{\partial \phi} & \frac{\partial x}{\partial \theta} \\ \frac{\partial y}{\partial \rho} & \frac{\partial y}{\partial \phi} & \frac{\partial y}{\partial \theta} \\ \frac{\partial z}{\partial \rho} & \frac{\partial z}{\partial \phi} & \frac{\partial z}{\partial \theta} \end{bmatrix}$$

$$= \begin{bmatrix} \sin\phi \cos\theta & \rho\cos\phi\cos\theta & -\rho\sin\phi\sin\theta \\ \sin\phi \sin\theta & \rho\cos\phi\sin\theta & \rho\sin\phi\cos\theta \\ \cos\phi & -\rho\sin\phi & 0 \end{bmatrix}$$

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE

I- BA -2022-23 (NEP) - II Semester - Seminar List

SUBJECT: Competitive Mathematics - II (ELECTIVE)

SL NO	Register No.	Name of the Student	Signature
1	U06DE22A0119	AKASH M R	
2	U06DE22A0068	ANUSHA N	
3	U06DE22A0110	BI BI AYESHA	
4	U06DE22A0029	CAHITRA J RAYKAR	
5	U06DE22A0116	DIVYA S GURUVIN	
6	U06DE22A0124	INDRAJITH N S	
7	U06DE22A0112	JAYANTH S	
8	U06DE22A0118	KAVYA T S	
9	U06DE22A0041	NIRMITHA C J	
10	U06DE22A0030	PRAMODA S	
11	U06DE22A0060	RAHEENA	
12	U06DE22A0151	RAHUL N M	
13	U06DE22A0044	RAKSHITHA BAI S E	
14	U06DE22A0083	SACHIN G	
15	U06DE22A0097	SAYEDA MADIHA	
16	U06DE22A0122	SOUNDARYA C	
17	U06DE22A0010	SOUNDARYA S B	
18	U06DE22A0155	SIDDANAGOUDA S MALIPATIL	
19	U06DE22A0136	VASUDEVA S S	
20	U06DE22A0038	NAVEENA N B	
21	U06DE22A0103	VARUN M P	

Faculty incharge

1

2

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DVS ARTS, SCIENCE AND COMMERCE COLLEGE

Shivamogga – 577201

DEPARTMENT OF Mathematics

2022-23

Seminar/~~Assignment~~/Test/Activities

Topic : Direction - questions Based on Angles.

[Open - Elective]

Submitted By

Name : Kavya T. S
Class : I BA
Course: Economics & political science
Sem : 2nd Semester
Reg No: U06DE22A0118
Date : 13-07-2023

Submitted To

Department of mathematics
D. V. S College of Arts, Science & commerce.

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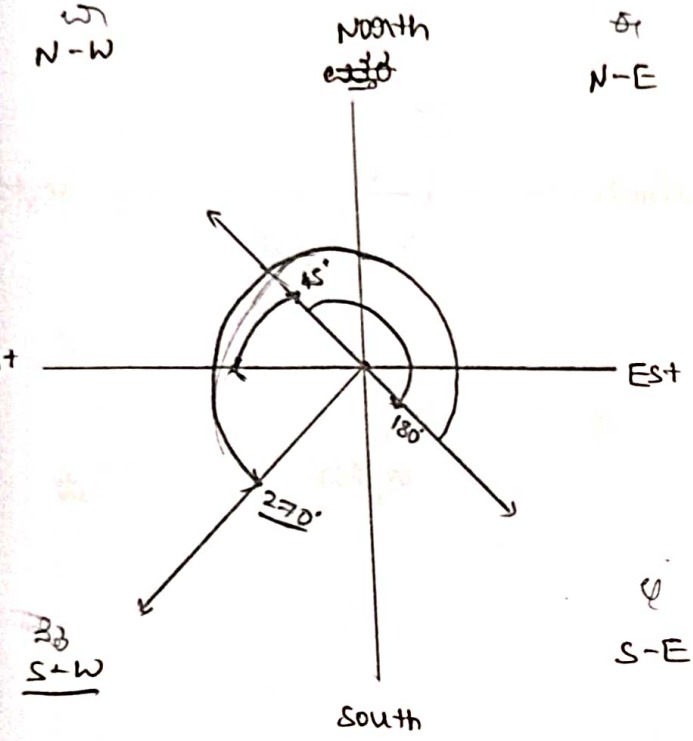
D.V.S. College of Arts & Science
Shimoga

10/10

Valued

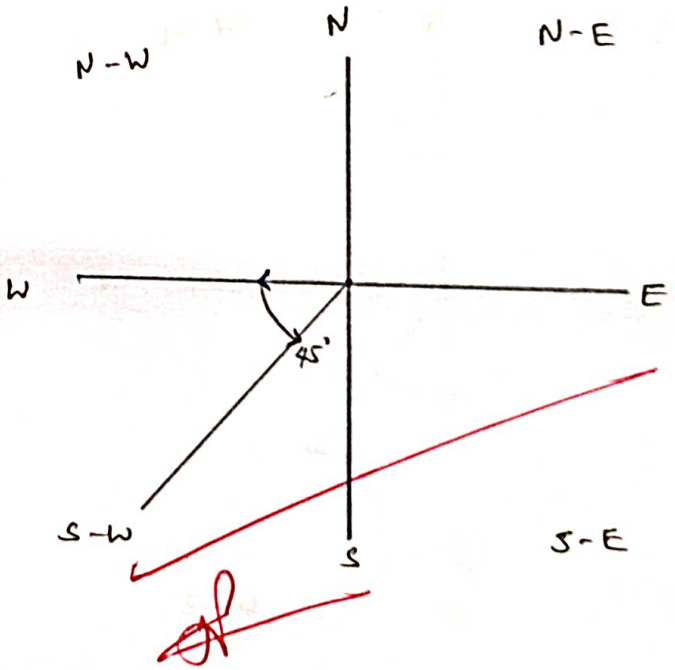
Direction - Questions Based on Angles :-

1) A man is facing towards west and turns 45° clockwise, again 180° clockwise then turns 270° in anti-clockwise direction. In which direction is he facing now?



Step - 1

Step - 2



clockwise = $+45°$

clockwise = $+180°$

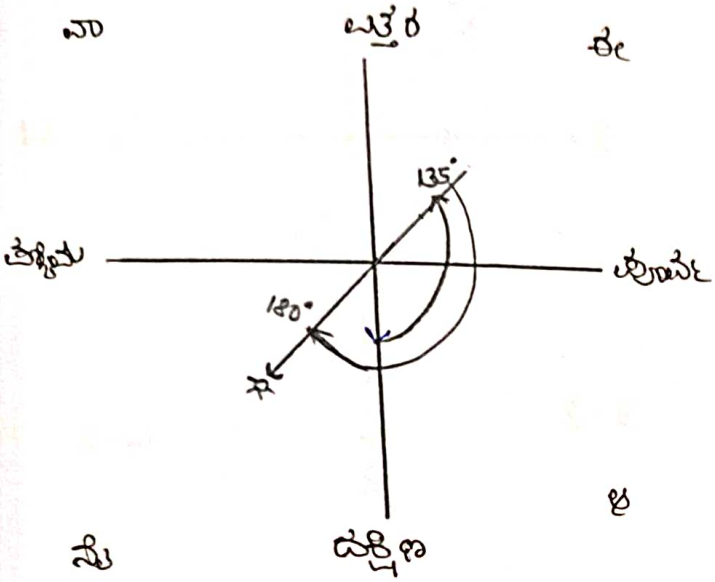
anti-clockwise = $-270°$

$= -47$

$\therefore$ A man is Facing South West Direction.

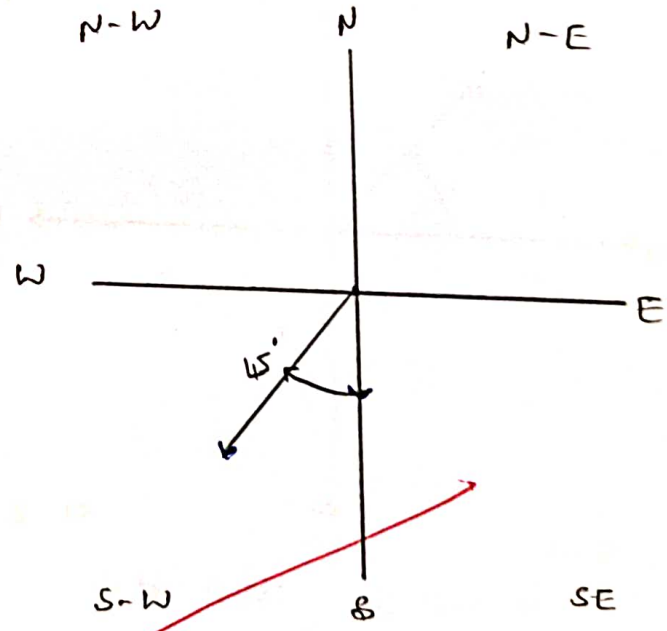
A man is Facing South. He turns 135° in anti clockwise direction and then 180° in clockwise direction. Which direction is He facing Now?

Step-1



Step-2

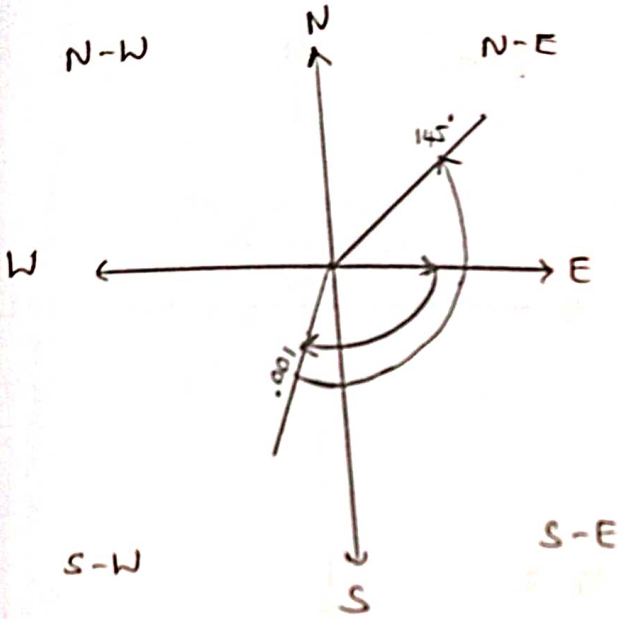
$$\begin{array}{r} -135^\circ \\ +180 \\ \hline 45^\circ \end{array}$$



∴ A man is Now Facing in Southwest Direction.

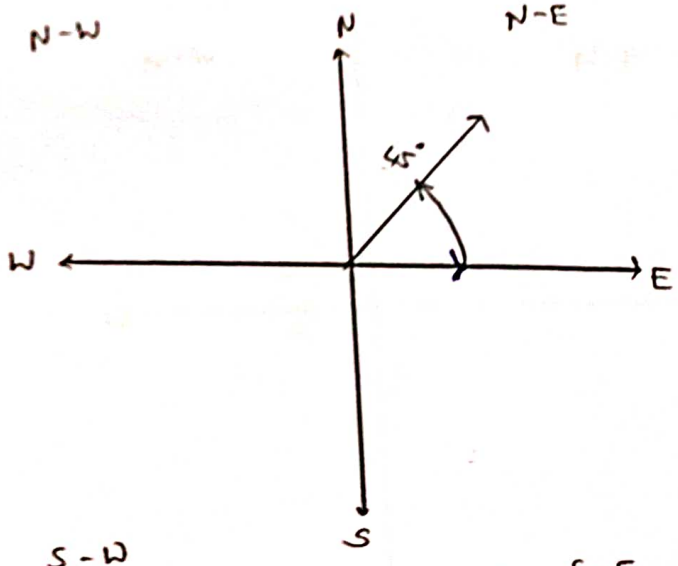
I am Facing East. I turn 100 degree in clockwise direction and then 145 degree in anticlockwise Direction. Which Direction am I Facing NOW ?

Step-1



Step-2

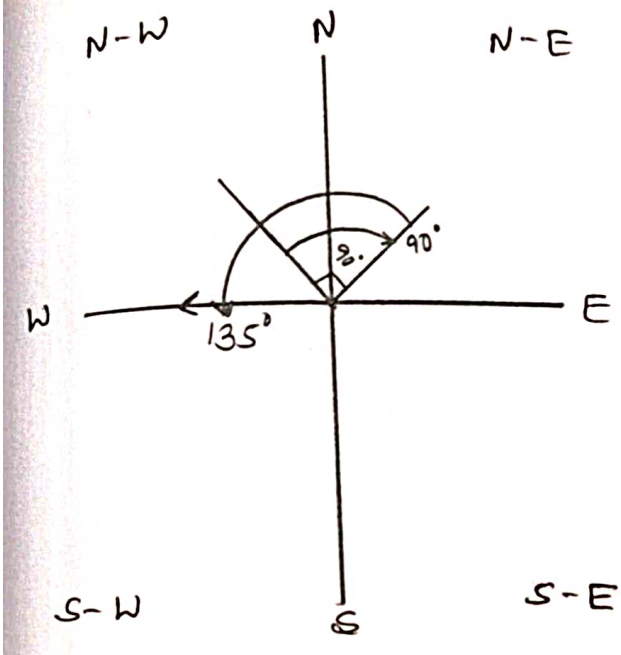
$$\begin{array}{r} +100^\circ \\ -145^\circ \\ \hline -45^\circ \end{array}$$



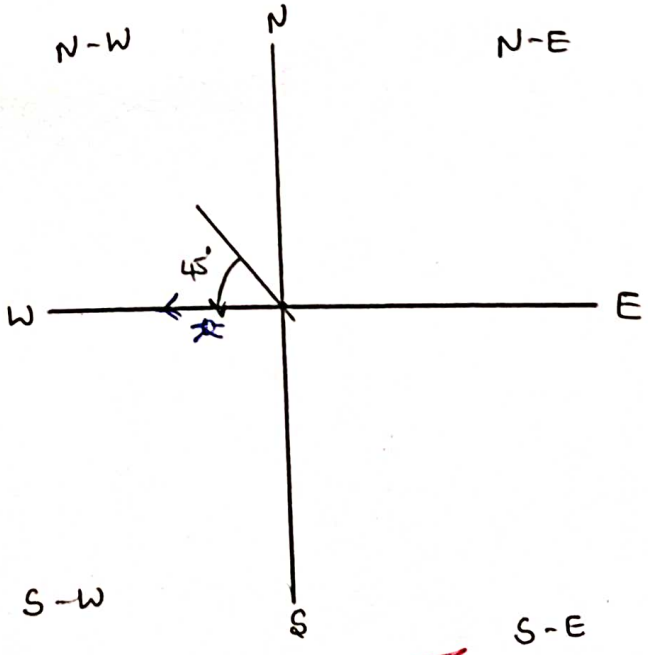
∴ NOW I am Facing on North East Direction

④ A [illegible] Facing North - West. He turns 90° in clock wise direction and then 135° in anti clock wise Direction. Which Direction is Facing NOW?

Step - 1



Step - 2



$$+90^\circ$$
$$-135$$
$$\overline{-45^\circ}$$

∴ A man is NOW Facing on West Direction.

Seen

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIMOGA

II-BSc-2022-23, IV-Semester (NEP)

SUBJECT: Mathematics(Discipline Core)

Students Seminar Topics List

SL NO	Register No.	Name of the Student	seminar topics
1	U06DE21S0185	ABHINAYA P	Formation of a partial differential equations by elimination of arbitrary constants
2	U06DE21S0174	ANUPRIYA R	
3	U06DE21S0222	ANUPRIYA V	
4	U06DE21S0038	ARPITHA G C	
5	U06DE21S0030	BINDUSHREE R	
6	U06DE21S0129	CHETAN B T	
7	U06DE21S0252	CHITRA S	Formation of a partial differential equations by elimination of arbitrary functions
8	U06DE21S0022	ESHWARI PRABHAKARA H	
9	U06DE21S0034	GIRIJA S M	
10	U06DE21S0138	GUNASHREE M H	
11	U06DE21S0019	HARSHITHA N S	
12	U06DE21S0007	KAVYA S K	
13	U06DE21S0247	L CHAVADE RAJESH	Solution of partial differential equations – Solution by Direct Integration, Lagrange's linear equations of the form Pp + Qq = R ,
14	U06DE21S0091	LAVANYA M	
15	U06DE21S0012	LIKHITHA UPPAR G R	
16	U06DE21S0224	LOHITH B V	
17	U06DE21S0146	LOHITH N	
18	U06DE21S0148	MADHUSHREE C J	
19	U06DE21S0214	MANDIRA S	Standard types of first order non-linear partial differential equations.
20	U06DE21S0251	MEGHA S S	
21	U06DE21S0028	MEGHANA S	
22	U06DE21S0107	MISBAH KOUKAB	
23	U06DE21S0011	MOKSHITH KUMAR K M	
24	U06DE21S0165	MONISHA A	
25	U06DE21S0125	NIRMALA M B	Definition and basic properties–laplace transforms of , coskt, sinkt, , tn, coshkt and sinhkt *ekt* *at*
26	U06DE21S0088	PADMA B S	
27	U06DE21S0055	PRAJWAL M S	
28	U06DE21S0253	PRIYA D K	
29	U06DE21S0248	PUNEETH M	
30	U06DE21S0220	RAJANI K	
31	U06DE21S0079	RAKSHITHA K L	problems – Laplace transform of derivatives of functions–Laplace transforms of integrals of functions–Laplace transforms of periodic functions.
32	U06DE21S0045	RAKSHITHA S	
33	U06DE21S0018	RESHMA B H	
34	U06DE21S0213	ROHAN M M	
35	U06DE21S0083	SANDARSH J N	
36	U06DE21S0182	SANGEETHA K	
37	U06DE21S0176	SANIYA NAAZ	Inverse Laplace transforms – problems. Convolution theorem with proof
38	U06DE21S0172	SHAMANAZ M	
39	U06DE21S0071	SHASHANK D	
40	U06DE21S0003	SHREYA N SHANBHAG	
41	U06DE21S0075	SHRUTHA G M	
42	U06DE21S0258	SIDDESH G V	
43	U06DE21S0104	SIGANDHU Y	Simple initial value problems – Solution of first and second order differential equations with constant coefficients by Laplace transforms method and solutions of integral equations.
44	U06DE21S0052	SINCHANA S M	
45	U06DE21S0167	SPOORTHI D S	
46	U06DE21S0140	SUCHETHA L	
47	U06DE21S0106	SUMAIYA FATHIMA	
48	U06DE21S0053	SUSHMA R N	
49	U06DE21S0105	SYEDA ADEEBA ARFAIN	Second Order Partial Differential Equations - Introduction, origin of second order equations. Linear partial differential equations with constants coefficients
50	U06DE21S0212	VENKATESH RAJAPPA ARIKATTI	
51	U06DE21S0021	VIDHYASHREE B	
52	U06DE21S0186	VIKAS D S	
53	U06JC21S0032	AASHAYA	
54	U06DE22S0205	S S DHANUSH	

Signature of HOD

Signature of Principal

Principal
D.V.S. College of Arts & Science
Shimoga

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA
DEPARTMENT OF MATHEMATICS

SEMINAR REPORT

(Based on NEP-2020)

Name of the Student : GUNASHREE . M H

Registration Number : U06DE2150138

Semester &Course : IV th SEMESTER , B.Sc. [PM]

Academic Year : 2022 - 23

Assignment Topic : FORMATION OF A PARTIAL DIFFEREN -TIAL EQUATIONS BY ELIMINATION OF ARBITRARY FUNCTIONS.

Assignment submitted to : DEPARTMENT OF MATHEMATICS

Date of submission : 11/07/2023

10/10 valued.

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PARTIAL DIFFERENTIAL EQUATIONS:

An equation containing one or more partial derivates of an unknown function of two or more independent variables is known as partial differential equations.

Example:

1. $\frac{\partial z}{\partial x} + \frac{\partial z}{\partial y} = z + xy$

2. $z\left(\frac{\partial z}{\partial x}\right) + \frac{\partial z}{\partial y} = x$

Formation of PDE:

A PDE can be formed by two methods.

1. By eliminating arbitrary constants.
2. By eliminating arbitrary functions.

Formation of PDE by Eliminating Orbitrary Functions:-

Problems :-

1. $z = f(x^2+y^2)$

:- $z = f(x^2+y^2) \longrightarrow (1)$

Diff partially wrt x we get

$$\frac{\partial z}{\partial x} = f'(x^2+y^2)\,2x \longrightarrow (2)$$

Diff partially wrt y we get

$$\frac{\partial z}{\partial y} = f'(x^2+y^2)\cdot 2y \longrightarrow (3)$$

Now, Divide (2) by (3) gives

$$\frac{\frac{\partial z}{\partial x}}{\frac{\partial z}{\partial y}} = \frac{f'(x^2+y^2)\cdot 2x}{f'(x^2+y^2)\cdot 2y}$$

$$\frac{p}{q} = \frac{x}{y}$$

$$py = qx \Rightarrow py - qx = 0$$

is the required PDE.

3. $z = f(x+ay) + g(x-ay)$

Sol:- $z = f(x+ay) + g(x-ay) \longrightarrow (1)$

Diff wrt x

$$\frac{\partial z}{\partial x} = f'(x+ay) + g'(x-ay)$$

Again Diff partial wrt y

$$\frac{\partial^2 z}{\partial x^2} = f''(x+ay) + g''(x-ay) \longrightarrow (2)$$

Diff wrt y

$$\frac{\partial z}{\partial y} = f'(x+ay).a + g'(x-ay)(-a)$$

Again diff wrt y

$$\frac{\partial^2 z}{\partial y^2} = f''(x+ay).a^2 + g''(x-ay)a^2$$

$$\frac{\partial^2 z}{\partial y^2} = (f''(x+ay) + g''(x-ay))a^2 \longrightarrow (3)$$

Divide eqn (2) by (3)

$$\frac{\frac{\partial^2 z}{\partial x^2}}{\frac{\partial^2 z}{\partial y^2}} = \frac{f''(x+ay) + g''(x-ay)}{(f''(x+ay) + g''(x-ay))a^2}$$

$$\frac{r}{t} = \frac{1}{a^2} \Rightarrow ra^2 = t \text{ is the required PDE //}$$

3. $xyz = \phi(x+y+z)$

$\therefore$ $xyz = \phi(x+y+z) \rightarrow (1)$

Diff partially wrt x

$$y\left[x\cdot\frac{\partial z}{\partial x}+z\right] = \phi'(x+y+z)\left(1+\frac{\partial z}{\partial x}\right)$$

$$y(xp+z) = \phi'(x+y+z)(1+p) \rightarrow (2)$$

Diff partially wrt y

$$x\left[y\cdot\frac{\partial z}{\partial y}+z\right] = \phi'(x+y+z)\left(1+\frac{\partial z}{\partial y}\right)$$

$$x(yq+z) = \phi'(x+y+z)(1+q) \rightarrow (3)$$

Divide eqn 2 by 3

$$\frac{y(xp+z)}{x(yq+z)} = \frac{\phi'(x+y+z)(1+p)}{\phi'(x+y+z)(1+q)}$$

$$y(xp+z)(1+q) = x(yq+z)(1+p)$$

DVS COLLEGE OF ARTS, SCIENCE AND COMMERCE,

II- BA -2022-23 (NEP) - IV Semester - Seminar List

SUBJECT: Mathematical finance (ELECTIVE)

SL NO	Register No.	Name of the Student	Signature
1	U06DE21A0002	ADARSHA ANGADI	Adarsha
2	U06DE21A0042	BAHAAR MOHAMMED	Bahaar
3	U06DE21A0041	BARKATH ULLA S H	Barkath
4	U06DE21A0096	BHOOMIKA M K	Bhoomikamk
5	U06DE21A0071	BI BI KHUTEJA	Bi Bi Khuteja
6	U06DE21A0007	GANESHA RAJANAIK LAMANI	Ganesh
7	U06DE21A0104	H ANIL	
8	U06DE21A0001	HARSHA R C	Harsha RC
9	U06DE21A0054	JNANESH K C	
10	U06DE21A0101	KESHAV S GHORPADE	
11	U06DE21A0092	KHUSHI	Khushi.
12	U06DE21A0103	KRISHNAMURTHY N Y	
13	U06DE21A0122	MOHAMMED GHOUSE	
14	U06DE21A0072	NAGAVENI H P	Nagaveni H P.
15	U06DE21A0027	PRATHEEK S KAREGAR	
16	U06DE21A0139	RAMYA GAJENDRAPPA PUJAR	Ramya. G. P.
17	U06DE21A0120	RAMYA M	Ramya. M
18	U06DE21A0081	RANJITHA H S	Ranjitha H.S
19	U06DE21A0162	SAMPATH S N	
20	U06DE21A0161	SHAIK MAIDIN	Shaik Maidin
21	U06DE21A0012	SRIVIDYA S	Sri Vidya S
22	U06DE21A0003	SURAJ	
23	U06DE21A0091	VANITHA H	Vanitha. H.
24	U06DE21A0057	YUVARAJA NAIK M	Yuvaraj

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Faculty incharge

1 Shwetha B.M.

2 Vanavi patel V.C

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA

DEPARTMENT OF MATHEMATICS

SEMINAR REPORT

(Based on NEP-2020)

Name of the Student : MOHAMMED GHOUSE

Registration Number : U06DE21A0122

Semester &Course : 4th Semester

Academic Year :

Assignment Topic :

Assignment submitted to : Department of Mathematics

Date of submission : 8/8/23

10/10

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Shimoga

Suppose Shreehari brings a ball for ₹ 422/- & sells it to his friend for ₹ 699/- Calculate the Profit & The profit %

Profit = S.P - C.P

= 699 - 422

= 277

Profit % = $\frac{\text{Profit}}{\text{C.P}} \times 100$

= $\frac{277}{422} \times 100$

= $\frac{13850}{211}$

= 65.63%

Suppose Nidhi brings a dress for ₹ 420/- & sells it to his friend for ₹ 840/- Calculate the Profit & the Profit %

Profit = S.P - C.P

= 840 - 420

= 420

$$\text{Profit \%} = \frac{\text{Profit}}{CP} \times 100$$

$$= \frac{\cancel{420}}{420} \times 100$$

$$= 100\%$$

Profit % = 100 %

By selling an article for ₹ 800/- a shopkeeper makes Profit of 25% calculate the Cost Price.

S.P = ₹ 800

P% = 25%

C.P = ?

$$C.P = S.P \times \frac{100}{100 + P\%}$$

$$= 800 \times \frac{100}{100 + 25}$$

$$\cancel{32+60} \quad 100 + 25$$

$$= 800 \times \cancel{100}\,20$$

$$+ \cancel{25}$$

$$\cancel{25} \quad \cancel{5}$$

$= 32 \times 20$

$= 640$

By selling a book for ₹750 a shopkeeper makes profit of 3% Calculate the cost Price.

$S.P = ₹750$

$P\% = 3\%$

$C.P = 9$

$C.P = S.P \times \frac{100}{100 + P\%}$

$= 750 \times \frac{100}{150}$ $\quad 100+3$

$= 750 \times \frac{100}{103}$

20.6

$= \frac{15000}{20}$

$= 728.15$

When a man sold an article for ₹5401 - he made a loss of 10%. At what Price should he sell it so that he makes a loss of only 5%

When a Woman sold an item for ₹228/- she made a loss of 2%. At what price she should sell it so that she incurs loss of only 1%.

S.P = 228

loss% = 2%

C.P = ?

$$C.P = S.P\left[\frac{100}{100} - loss.\%\right]$$

$$= 228\left[\frac{100}{100} - 2\%\right]$$

$$= 228.\left[\frac{100}{98}\right]$$

$$= \frac{228 \times 100}{98}$$

$$= \frac{5700}{24.5}$$

$$= 232.6$$

C.P = 232.6

Kuvempu University

DESHEEYA VIDHYA SHAALA SAMITHI (R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga – 577201

Academic Year 2022 – 23

Department: of physics

Seminar Report :-

Topic: change of Entropy in Reversible and Irreversible cycle with Examples.

NAME: MISBAH KHANUM

REG: U06DE21S0068

COMBINATION: PC (II year BSC)

SEMESTER: IV Semester

DATE OF SUBMISSION: 11-08-2023

STUDENT SIGN: Misbah Khanum

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Concept of Entropy

The concept of entropy was first introduced by Clausius in 1854 during his work on the formulation and application of second law of thermodynamics

In order to describe a condition of working substance completely, clausius felt the need of another variable of state, inn addition to volume, pressure, temperature, internal energy etc. This new variable is entropy.

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KUVEMPU UNIVERSITY

DVS COLLEGE OF ARTS , SCIENCE AND COMMERCE
SHIVAMOGGA

SEMINAR TOPIC :-

- Derivation of planck's law
- Deduction of stefan's Boltzmann law
- Wein's displacement law from planck's law

SUBMITTED BY :-
MUHAMMAD HUSAIN A
UO6DE21S0227
2nd BSc 'PCs' combination

SUBMITTED TO :-
DEPARTMENT OF PHYSICS

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Derivation of planck's law

Planck's radiation law, a mathematical relationship formulated in 1900 by German Physicist Max Planck to explain **the spectral energy distribution of radiation emitted by a blackbody.**

$$E_\lambda = \frac{8\pi hc}{\lambda^5} \times \frac{1}{\exp(hc/kT\lambda) - 1}.$$

E_λ radiated per unit volume
λ =wavelength) can be written in terms of
h=Planck's constant
C= sped of light
k= Boltzmann constant and
T= absolute temperature

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D.V.S College of Arts, Science and Commerce
(Permanently Affiliated to Kuvempu University)
Basaveshwara Circle, Sir M.V Road, Shivamogga-577201.

SEMINAR

(Based on NEP)

Seminar Topic:First law of themodynamics and it's differential form

Submitted By:

Name: Diganth M D
Reg.No.: U06DE21S0015
Second Year B.Sc (Fourth Semester)
D.V.S College of Arts, Science and Commerce
Shivamogga

Submitted To:

Department of Physics
D.V.S College of Arts, Science and Commerce
Shivamogga

Date of Submission:10/08/2023

2022-23

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First Law Of Thermodynamics:-

Statement:

The energy entering the system in the form of heat is equal to the sum of the internal energy of the system and the energy leaving the system in the form of workdone by the system on it's surrounding.

i.e,

$Q=\Delta U+W$[conservation of the energy]

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SEMINAR TOPIC: MAXWELL BOLTZMAN LAWS OF DISTRIBUTION OF VELOCITIES IN AN IDEAL GAS

SUBMITTED BY:

ROHAN M.M.

UO6DE21S0213

2ND BSC 4TH SEMESTER

SUBMITTED TO:

DEPT OF PHYSICS

DVS COLLEGE OF ARTS AND SCIENCE.

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INTRODUCTION:

The Maxwell-Boltzmann distribution (also known as the Maxwell distribution) is a statistical representation of the energy of molecules in a classical gas. The distribution of velocities among the molecules of gas was initially proposed by Scottish physicist James Clerk Maxwell in 1859, based on probabilistic reasons. German scientist Ludwig Boltzmann expanded Maxwell's result in 1871 to express the distribution of energy among molecules.

German scientist Ludwig Boltzmann expanded Maxwell's result in 1871 to express the distribution of energy among molecules.

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KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

SHIVAMOGGA - 577201

ACADEMIC YEAR 2021-22

PHYSICS SEMINAR REPORT

TOPIC: WORK ENERGY THEOREM.

NAME : Shrutha.G.M.

REG : U06DE21S0075

COURSE : Bachelor of Science

COMBINATION : PM

SUBMITTED TO : Department of Physics,
D V S College of Arts and Science,
Shivamogga.

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Work Energy Theorem

Shrutha GM

Physics Department

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Physics definition of Work:

Work : is the product of the magnitudes of the component of force along the direction of displacement and the displacement

W = work
F = force
D = displacement

$$W = Fd$$

$$F = ma$$

$$W = m\,a\,d$$

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D V S COLLEGE OF ARTS AND SCIENCE

SHIVAMOGGA - 577201

ACADEMIC YEAR 2021-22

PHYSICS SEMINAR REPORT

TOPIC: ALL DIMENSIONS, QUANTITIES REPRESENTATION AND EXPLANATION.

NAME : Yashaswini.H.N.

REG : U06DE21SO020

COURSE : Bachelor of Science

COMBINATION : PC

SUBMITTED TO : Department of Physics,
D V S College of Arts and Science,
Shivamogga.

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PHYSICS SEMINAR PRESENTATION

TOPIC: ALL DIMENSIONS,QUANTITIES REPRESENTATION AND EXPLANATION

Dimensions

ALL DIMENSIONS ,QUANTITIES REPRESENTATION AND ITS EXPLANATION

Presented by: Yashaswini .H.N.
DVS college of Arts and Science, Shivamogga

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KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

SHIVAMOGGA - 577201

ACADEMIC YEAR 2021-22

PHYSICS SEMINAR REPORT

TOPIC: RELATION BETWEEN TORQUE AND ANGULAR MOMENTUM.

NAME : Chandana.K.V.

REG : U06DE21S0149

COURSE : Bachelor of Science

COMBINATION : PC

SUBMITTED TO : Department of Physics,
D V S College of Arts and Science,
Shivamogga.

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In physics and mechanics, **torque** is the rotational equivalent of linear force.[1] It is also referred to as the **moment**, **moment of force**, **rotational force** or **turning effect**, depending on the field of study. It represents the capability of a force to produce change in the rotational motion of the body. The concept originated with the studies by Archimedes of the usage of levers. Just as a linear force is a push or a pull, a torque can be thought of as a twist to an object around a specific axis. Torque is defined as the product of the magnitude of the force and the perpendicular distance of the line of action of a force from the axis of rotation. The symbol for torque is typically $\boldsymbol{\tau}$, the lowercase Greek letter *tau*. When being referred to as moment of force, it is commonly denoted by M.

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Kuvempu University

DESHEEYA VIDHYA SHAALA SAMITHI (R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga – 577201

Academic Year 2021 – 22

Department: PHYSICS

SEMINAR:-

Topic: Non-Inertial,- Explain motion in accelerated frame of reference

NAME: Arpitha.G.C

REG: U06DE21S0038

COMBINATION: PM

SEMESTER: 1st BSc, 1st SEM

DATE OF SUBMISSION: 28/03/22

STUDENT SIGN: Arpitha.G.C

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FRAME OF REFERENCE

Topic:- Non-Inertial – Explain motion in accelerated frame of reference

Submitted by:-Arpitha. G. C
U06DE21S0038

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ಪಂಡಿತಾಃ ಸಮದರ್ಶಿನಃ

ದೇಶೀಯ ವಿದ್ಯಾಶಾಲಾ ಸಮಿತಿ [೦]

ಡಿ. ವಿ. ಎಸ್ ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ವಿಷಯ :- ಕನ್ನಡ.

ವಿಭಾಗ :- "B"

ವಿಚಾರ ಸಂಕಿರಣ

ಶೀರ್ಷಿಕೆ :- ಪುರಾಣನಾಮ ಚೂಡಾಮಣಿ.

09/10

ಇಂದ,

ಸಿಂಚನ. ಆರ್

U06DE22A0169

ಡಿ. ವಿ. ಎಸ್ ಕಲಾ ಮತ್ತು

ವಿಜ್ಞಾನ ಕಾಲೇಜು, ಶಿವಮೊಗ್ಗ.

ಸಂತಿಕೆ.

ಗೆ,

ಡಾ॥ ರಾಜೇಶ್ವರಿ.

ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

ಕನ್ನಡ ವಿಭಾಗ.

ಡಿ. ವಿ. ಎಸ್ ಕಲಾ ಮತ್ತು

ವಿಜ್ಞಾನ, ಶಿವಮೊಗ್ಗ.

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ಪುರಾಣಗಾಮ ಚೂಡಾಮಣಿ

ಚೋಳ :-
ಒಂದು ದೇಶ. ದಕ್ಷಿಣ ಹಿಂದೂಸ್ತಾನದಲ್ಲಿ ಪ್ರಸಿದ್ಧವಾಗಿರುವ ಚೋರ (ಳ), ಕೇರಳ, ಪಾಂಡ್ಯಗಳೆಂಬ ಮೂರು ದೇಶಗಳಲ್ಲಿ ಒಂದು. ರಾಜಸೂಯ ಸಮಯದಲ್ಲಿ ದಕ್ಷಿಣ ದಿಕ್ಕಿಗೆ ಸಹದೇವನು ಚೈತ್ರ ಯಾತ್ರೆಗಾಗಿ ಹೋಗಿದ್ದಾಗ ಇಲ್ಲಿಯ ಅರಸು ಸಹದೇವನಿಗೆ ಶರಣಾಗತನಾಗಿ ಕಪ್ಪವನ್ನು ಕೊಟ್ಟ.

ಚೈವನ :-
ಒಬ್ಬ ಮಹರ್ಷಿ. ವರುಣ ಪುತ್ರನಾದ ಭೃಗು ಮಹರ್ಷಿಯ ಮಗ. ಈತನು ತನ್ನ ಜನನಿಯಾದ ಪುಲೋಮೆಯ ಗರ್ಭದಲ್ಲಿರುವಾಗ ಒಬ್ಬ ರಾಕ್ಷಸನು ಪುಲೋಮೆಯನ್ನು ಅಪಹರಿಸಿದ. ಪುಲೋಮೆ ಭಯಗ್ರಸ್ಥೆಯಾಗಲು ಕೊಡಲೆ ಶಿಶು ಆ ಗರ್ಭದಿಂದ ಚ್ಯುತವಾದುದರಿಂದ ಈತನಿಗೆ ಚೈವನನೆಂದು ಹೆಸರು. ಶಿಶು ಆ ರಾಕ್ಷಸನನ್ನು ಕ್ರೂರದೃಷ್ಟಿಯಿಂದ ನೋಡಿದ ಕೊಡಲೇ ರಾಕ್ಷಸ ಅಲ್ಲಿಯೇ ಬೂದಿಯಾದ. ಚೈವನನ ಉತ್ಪತ್ತಿ ಕಥೆ. ರಾಕ್ಷಸ ಗುರುವಾದ ಶುಕ್ರಾಚಾರ್ಯನೂ ಈತನೂ ಸೋದರರು. ಈತನು ಮನುಪುತ್ರಿಯಾದ ಆರುಷಿಯಂಬ ಕನ್ಯೆಯನ್ನು ಮದುವೆಯಾಗಿ ಔರ್ವನೆಂಬ ಮಗನನ್ನು ಪಡೆದ. ಶರ್ಯಾತಿ ರಾಜನ ಮಗ್ಗಾದ ಸುಕನ್ಯೆಯಂಬುವಳನ್ನು ಮದುವೆಯಾಗಿ ಪ್ರಮತಿಯಂಬ ಮಗನನ್ನು ಪಡೆದ. ಚೈವನ ತಪಸ್ಸು ಮಾಡಿದ್ದು. ಈತನು ತಪೋನಿರತನಾಗಿದ್ದಾಗ ಈತನ ದೇಹದ ಸುತ್ತಲೂ ಹುತ್ತ ಬೆಳೆದು, ಈತನ ಕಣ್ಣುಗಳು ಮಾತ್ರ ಆ ಹುತ್ತದ ರಂಧ್ರಗಳ ಮೂಲಕ ಮಿನುಗುಟ್ಟುತ್ತಿದ್ದುವು.

ಒಬ್ಬಳು ಶಿಲ್ಪಾಕಲೆ ರಾಜ ತನ್ನ ಸೇನೆಯೊಂದಿಗೆ ಛತ್ರಿವನ ವಿಜಯಿಯಾದ ಬಳಿಕ ವಿಹಾರ ಮಾಡಿದ. ಶಿಲ್ಪಾಕಲೆ ಅದ್ಭುತವಾದ ಸುಂದರಿಯಾಗಿದ್ದಳು. ರಾಜನ ಮನಸ್ಸಿನಲ್ಲಿ ಅವಳ ಬಗ್ಗೆ ಆಸೆ ಚಿಗುರಿತು. ಆದರೆ ಅವಳ ಮನಸ್ಸಿನಲ್ಲಿ ಬೇರೆಯವನ ಬಗ್ಗೆ ಪ್ರೀತಿ ಇತ್ತು. ಅವಳು ಅವನ ಪ್ರೀತಿಯನ್ನು ಪಡೆಯಲು ಸಾಧ್ಯವಾಗಲಿಲ್ಲ.

ತಲೆಯ ನಿಜಲೋಕವನ್ನು ತೋರಿ ಅಲೆಯನ್ನು ಬೀಡುವ-
ಂತೆ ಶಿಷ್ಯರು. ಸುಕನ್ಯೆ ತನ್ನ ಅತಿಗೆ ಒತ್ತಿಹೇಳ-
ವನ್ನು ಬೇಡಿದಳು. ಆಗ ಅಶ್ವಿನಿದೇವತೆಗಳು ಚ್ಯವನ-
ನನ್ನು ಬಾಲಮಾಡಿಸಿ, ಋತುಸ್ನಾನ ತಾಪ್ತಾ ಅದೇ
ಹೊಳೆದಲ್ಲಿನಂತೆ ಸ್ನಾನಮಾಡಿದರು. ಯೌವನಕ್ಕೆ ಬರುವಾಗ್ಗೆ
ಮುಪ್ಪಿನ ಬಂಜೆ ಕೊಳೆದಿಂದಿದ್ದರು. ಆಗ ಸುಕನ್ಯೆ
ತನ್ನ ಪತಿ ಪಾತಿವ್ರತ್ಯಕ್ಕೆಲುಮಿಯುಂದ ಚ್ಯವನನನ್ನು
ಸುರುತಿಸಿ. ಕೈ ಹಿಡಿದಳು. ಇಂತು ಚ್ಯವನನು
ಅಶ್ವಿನೀದೇವತೆಗಳ ಅಮೂಲಕ. ತಾರುಣ್ಯವನ್ನು ಪಡೆದ
ಹಾಗೆ. ಅದಕ್ಕೆ ಪ್ರತಿಫಲರೂಪವಾಗಿ ತೆಳ್ಳ ಮೊವನಾದ
ಶರ್ಯಾತಿ ರಾಜನಿಂದ ಯಜ್ಞವನ್ನು ಮಾಡಿಸಿ, ಆ
ಯಜ್ಞದಲ್ಲಿ ಅಶ್ವಿನೀ ದೇವತೆಗಳಿಗೆ ಹವಿರ್ಭಾಗವನ್ನು
ಕೊಡಿಸಿದ. ಅದುವರೆಗೂ ಯಜ್ಞದಲ್ಲಿ ಭಾಗಿಗಳಾಗಿರದ
ಅಶ್ವಿನೀ ದೇವತೆಗಳು ಚ್ಯವನನ ಅಮೂಲಕ ಹವಿರ್ಭಾಗ-
ವನ್ನು ಪಡೆದದ್ದನ್ನು ಕಂಡು ಕೋಪಗೊಂಡ ಇಂದ್ರ
ಇಬ್ಬರ ಚ್ಯವನನನ್ನು ಕೊಲ್ಲುವ ನಿಲುವಾಗಿ ಅನೇಕ
ತಂತ್ರಗಳನ್ನು ಮಾಡಿದ.

ಚ್ಯವನನು ತನ್ನ ಅಮಂತ್ರಬಲದಿಂದ
ಅಭಿಚಾರಗಳನ್ನೆಲ್ಲ ತಲ್ಲಣಿಸಿಕೊಂಡು, ಇಂದ್ರನನ್ನು ನಿಷ್ಕರುಣಿ-
ಯಾಗಿ ಮಂದು ದುರ್ಬಲತೆಯನ್ನು ನೈಪ್ಯಮಾಡಿ
ಇಂದ್ರನ ಹೋಳೆ ಕೆಳ್ಳುವುದ. ಚ್ಯವನನ ನೀಲನೆಳ್ಳು ಮುಖ
ಕಿಚ್ಚನ್ನು ಮಾಡುತ್ತಿದ್ದಾಗ ಅಲ್ಲಿಂದ ಬಿಡಿಯುವ್ರದಕ್ಕಾಗಿ
ಬೇಡಿಂತನ್ನು ಬೀಳಿದ ಬರಿಸಿತ್ತು. ಇಂಗೆ ನಿಳ್ಳಲಿನ್ನ.
ಸಳುಳ್ಳ ರಾಜ ಶೀತೆಸನ್ನು ಬಡಿಸಿದನು.

ನೋಡು - ಗಲಿಜಾತ. ಕ್ಷತ್ರಿಯಾದ ಕುಶಿಕನ ವಂಶ-
-ಮೊಂದಿಗೆ ಬ್ರಾಹ್ಮಣನಾದ ಭೃಗು ಮುನಿಯ ವಂಶ.
ಕಲೆತು ಹೋಗುವುದೆಂಬುದಾಗಿ ಹೇವತೆಗ್ಯಂದ ತಿಳಿದು,
ಅದನ್ನು ಸಹಿಸಲಾರದೆ ಕುಶಿಕನ ಮನೆಗೆ ಹೋಗಿ
ಕೆಲಕಾಲ ಅಲ್ಲಿಯೇ ನಿಂತು ಪತ್ನೀ ಸಮೇತನಾದ
ಕುಶಿಕನ ಶುಶ್ರೂಷೆಗೂ ಸಹನೆಗೂ ಮೆಚ್ಚಿ, ತನ್ನ
ಯೋಗಮಹಿಮೆಯಿಂದ ಒಂದು ಸ್ವರ್ಗವನ್ನು ಸೃಷ್ಟಿಮಾಡಿ
ಅವರಿಗೆ ತೋರಿ, ಕುಶಿಕ ವಂಶದಲ್ಲಿ ಬ್ರಾಹ್ಮಣನು
ಜನಿಸುವಂತೆ ವರವನ್ನಿತ್ತ. ಚ್ಯವನನ ಚರಿತ್ರೆ.

ಜಟಾಯು :-

ಒಬ್ಬ ಪಕ್ಷಿ ರಾಜ. ವಿನತೆಯ ಪುತ್ರನಾದ
ಅರುಣನಿಂದ ಶ್ಯೇನಿಯಂಬವಳಲ್ಲಿ ಜನಿಸಿದ ಕಿರಿಯ ಮಗ.
ಸಂಪಾತಿ ಇವನ ಅಣ್ಣ. ಒಮ್ಮೆ ಸಂಪಾತಿಯೂ ಜಟಾಯುವೂ
ತಮ್ಮ ತಮ್ಮ ವೇಗವನ್ನು ಪರೀಕ್ಷಿಸಿ ತಿಳಿಯುವುದಕ್ಕಾಗಿ
ಆಕಾಶದಲ್ಲಿ ಬಹಳ ಮೇಲೆ ಹೋದರು. ಸೂರ್ಯನ ತಾಪವನ್ನು
ಸಹಿಸಲಾರದೆ ಜಟಾಯು ಮೋಹಗೊಂಡುದನ್ನು. ತಮ್ಮ ತಮ್ಮ
ಕಂಡು ಸಂಪಾತಿ ತನ್ನ ರೆಕ್ಕೆಗಳನ್ನು ಅಗಲಮಾಡಿ,
ಜಟಾಯುವಿನ ಮೇಲೆಯೇ ಬರುತ್ತಿದ್ದ. ಅಷ್ಟರಲ್ಲಿ ಜಟಾ-
-ಯು ಸೂರಗಿ ದಂಡಕಾರಣ್ಯದಲ್ಲಿ ಬಿದ್ದ. ಸಂಪಾತಿ
ದಕ್ಷಿಣ ಸಮುದ್ರ ತೀರದಲ್ಲಿ ಬಿದ್ದ. ಸಂಪಾತಿಯ
ರೆಕ್ಕೆಗಳೆಲ್ಲವೂ ಸುಟ್ಟು ಹೋದವು. ಸೂರ್ಯ ಕಿರಣ
ತಾಪದಿಂದ ಮರಣೋನ್ಮುಖನಾಗಿದ್ದ ಸಂಪಾತಿಯನ್ನು ಕಂಡ,
ಅಲ್ಲಿಯೇ ತಪಸ್ಸುಮಾಡಿಕೊಂಡಿದ್ದ ನಿಶಾಕರ ನೆಂಬ
ಮುನೀಶ್ವರ ಸಂಪಾತಿಯನ್ನು ಉಪಚರಿಸಿದ. ಆ ಬಳಿಕ
ಸಂಪಾತಿಯೂ ಜಟಾಯುವೂ ಮರಳಿ ಸಂಧಿಸಲಿಲ್ಲ.

ದೇಶಿಯ ವಿದ್ಯಾರಾಲಾ ಸಮಿತಿ (ರಿ.)

ಡಿ. ಎ. ಎಸ್ ಕೆಲಾ ಮತ್ತು ವಿಜ್ಞಾನ ಕಾಲೇಜು

ಶಿವಮೊಗ್ಗ

ಕನ್ನಡ ವಿಭಾಗ

ವಿಷಯ :- ಪುರಾಣನಾಮ ಚೂಡಾಮಣಿ

ವಿಚಾರ ಸಂಕಿರಣ

08/10

ಇಂದ

ಚಂದನ. ಎಸ್. ಪಿ

ಪ್ರಥಮ ಬಿ. ಎ

U06DE22A0009

ಡಿ. ಎ. ಎಸ್ ಕೆಲ್ಕ ವಿಜ್ಞಾನ

ಕಾಲೇಜು ಶಿವಮೊಗ್ಗ

ಗೆ

ಡಾ. ರಾಜೇಶ್ವರಿ. N

ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು

ಡಿ. ಎ. ಎಸ್ ಕೆಲ್ಕ ವಿಜ್ಞಾನ

ಕಾಲೇಜು ಶಿವಮೊಗ್ಗ

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ಹರಿಶ್ಚಂದ್ರ ಸೌರ್ಯ ಹಂಶದ ಕಥೆ

ಯ ಹಂಶದ ಕಥೆಯು ತ್ರಿಶಂಕು ರಾಜನಂದ ಸೆತ್ತೆವ್ರತೆ ಎಂಬಾಕೆ
ನ್ನ ಜನನದ ಈತ ಚಂದ್ರವಂತಿಯನ್ನು ಯನುಯೆಂತೆಗಿ ಸೆರುಣ
ಸೆರೆಯಿಂದ ಕೂಲಾಂತೆನೆಂಬ ಸುಗೆನೆನ್ನು ಪಡೆದ ತ್ರಿಶಂಕು ತೆನ್ನೆ ತಂದೆಯ
ಭಿಕ್ಷೆತೆನಾಗಿ ರಾಜ್ಯಾಭಿಷಾರವನ್ನು ಕೈಗನುಕೊಂಡ ತೆರುವಾಂದು ದೆಬ್ಬೆಂ
ತ್ರಿಶಂಕುವಿನ ಜೆಲುಂತೆ ಕಾಲನಲ್ಲಂತೆಂಲ ರಾಜ್ಯಾಭಿಷೇಕವನ್ನು ಪಡೆದ
ಭಾಗ ೯.1H) ಹರಿಶ್ಚಂದ್ರ ನಾಂನನ ಉಹದೆಲೆಶನೆಂಕೆ ಪರುಣನನ್ನು
ಯೊಕ್ಕು ತೆನೆಗೆ ಪುತ್ರೆ ಯುಟ್ಟಿನೆಕೆ ಕಿವನೆನ್ನೇ ಪಶೆಯಾಗಿ ಎತೆಕಾನೆ
ನ್ನೆನೊಸುವುನಾಗಿ ಬೆಲಿ ಕೂಲಾಂತೆನೆಂಬ ಯುಗೆನೆನ್ನು ಪಡೆದ ದ
ತೆಲೆ ಸೆರುಣ ಕಿಲ್ಲಾಗೆ ಬಂನು "ನನೆಗೆ ಸೆಂಗೆ ಯೊಟ್ಟಿನ್ನಾನೆ ಇಹೆನಂದ
ಗನೊನು" ಧ್ರನೆಲು ಹರಿಶ್ಚಂದ್ರ" ಕೊನೆನಂಗೆ ಪಲ್ಲಾ ಯುಟ್ಟಿಲಿ
ನ ಬಲ್ಲಲು ಇಂದಾಗೆಲ ನಗ್ಗಂಯೆಂಗೆಲ ಧ್ರಾನು ಕಾಲಪೆರಿಣ ಸೊನೆಪ್ತೆ
ಇ ಇಪ್ಪೈರೆಲ್ಲ ಕೂಲಾಂತೆ ಈ ಸೊಂದ್ಸಿಯೆನ್ನು ಕೆಲ್ಲ ಪೆನೆಂ ನೆನುಧ್ಧಾ
ಮಗ ಪರೆಣ್ಣಪೆನ್ನು ಯೊಕ್ಕು ಇಂದ್ರನ ಸೊಜೆನೆಯ ಮೆಲೆಗೆ ನಾಲ್ಕೆಲ
ಸೆಪ್ತೆರಗ್ಗೆಯರೆಗೆ ಕಲಿನಾಗಿ ಕೆನೆಗೆ ಪುಟೀಕೆ ಮೊಗಯೆ
ನೆನಾನ ಶೆಂನೆಶ್ಚೇಲಪೆನೆಂಬ ಕಿವೆರೆನೆನ್ನು ಚಲೆಗೆ ಕೊಂನು ತೆನೆಗೆ
ಯೊಗಿ ಕಿವೆನೆನ್ನು ತೆಶೆಯಾಗಿ ಎತೆಕನಿಸಿಕೊಂನು ಪೆಟ್ಟೆಣಕ್ಕೆ
ತೆಂನು ಹರಿಶ್ಚಂದ್ರನಂಗೆ ಒಂದ್ಪಿಸಿ ಎಂದ್ಪಿನೊನೆಂನು ಯೇಳ್ದ ದ
ಕ್ರೆಲ್ಲ ಪರುಣನೆ ರಾಜನಂನ ಹರಿಶ್ಚಂದ್ರ ಜೆರೊಡನೆರೆ ರೊಲಗನನ

ಪೀಸಿತೆನಾಗಿ ತೊಂಬ ಭಾಗ್ಯವನ್ನುತ್ತಿನ್ನೆ ರೀತಿಯಂತೆ ತೆರೆತೆಂದೆ ಶುತೆಧ್ಯೇಯನ
-ನ್ನು ಯತ್ನಿಯಾಗಿ ಕೆಲ್ಸನಿ ನೆಡೆಮೇಥಿಯೊಗಳೆಂದು ಮೊಸಿ ಯಕುಣ ನೆನ್ನ
ನೆಂತೊಪ್ಪೋಸೆನಿಗಿ ಬೆಲೋದೆರೆ ರೋಗೆನಾಂದ ಯೊಕ್ತೆನಾನ (ಭಾಗೆ 9.7
ಥರ 1.12) ಹೆಂಬ್ಬೆಂಡ್ರೆ ಅಶ್ವತ್ಥಾಂತ್ರೆನ ಯೊಲಕೆ ರಾಜ್ಯೆ ಭ್ರಷ್ಟ್ರೈನಾಗಿ
ತೆತ್ತೀಯಕ್ತೆ ರೋಂಬಗೆ ಕಾಶೀ ತೆಟ್ಟಿಣಿಯನ್ನೆ ನೇಲಿ ಹೆಂಡೆತಿಯೆನ್ನೆ
ಕಾಲ ಕೆಳಿಕೆನೆಂಬ ಭ್ರಾಹ್ಮಣಂಗೆ ಮೊಂಬ ತೆನೆನ್ನೆ ಬಂಡೆ ಬಾಡುಯೆಂದು
ಹೆಂಡಾಲಂಗೆ ಬಂಕ್ತೆಯಾಗಿ ಹೊಸೆಲಕೆ ಕ್ರಿಸ್ತೋಗ್ಯನ್ನು ಅನುಭೆಂಗಿ ತೆರೆಯೋ
ರ್ದಿರನೆ ಅನುಗ್ರಹನಾಂದ ಬಶ್ವತ್ಥಾಂತ್ರೆನ ಯೊಲಕೆ ತೆನ್ನೆ ರಾಜ್ಯೆವನ್ನೆ
ತೆನೆನು ಭ್ರೋಲಯಕ್ತೆ ರೋಂಬಗೆ ಸೊಖ ಹಾಂನ್ದ (ಭಾರ ಸೆ 12 ಯನೆ 77
ಭಾಗೆ 9.7 ಬಾಯೊ 88 ಭ್ರಹ್ಮ ೧೦೪ ಯೊಕೆಕ್ಷ 7.9 ದೇಬಾ ಸ್ತೆಂ
7 ಅನ್ಸ್ IH 27) (ನೆಲುಲ ಬಾಗೆಬತೆಂದೆಲ್ಲಾ ಬೆಣ್ಣೆತೆಯಾಗಿರುವ
ಹೆಂಬ್ಬೆಂಡ್ರೆನ ಕೆದ್ದೆ ಎಕ್ತೆಯೆಗ್ಳೆಲ್ಲಾ ಭ್ರೆತ್ತೆನ್ಸೆಯಾಗಿದೆ)

KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : ENGLISH.

Seminar Copy

Topic : CHARECTER SKETCH OF NAPOLEON

NAME : NAMITHA. S

U0GDE21AD016

COMBINATION : B.A (B SECTION)

SEMESTER : IV th SEMESTER

DATE OF SUBMISSION : 23/08/2023.

Character Sketch of Napoleon

Napoleon is the most dominant and Perhaps the best developed character by George orwell in Animal Farm. He is not only clever est in the farm but also considered the Superior among all the animals. He knows how to lead all the animals. His egocentricity is described very evidently in the novel. Because he is egotistic and never. he is able to establish himself as the dictator of the Animal Farm.

napoleon is a huge potent and vigorous pig. we know this when orwell describes him as napoleon was a large

fierce - looking Berkshire boar" (Ch-2. Pg - 5 online edition) Being the only one from Berkshire race he is generally considered much more superior elite and predominent.

He certainly possesses strong leadership skills due to which he becomes a successful tyrant. He is very intelligent and right after becoming the leader. he immediately learns how to read a write. The writer tells us about this as: with their superior knowledge it was natural that they should assume the leadership (Ch-3, Pg-9 online edition) So we can conclude that he is intelligent and well read. This fact contributes to his leadership arousal as he sets himself off at a higher step

than all the other animals. He eventual
-ly emerges out as a successful leader in the
Animal farm

He is noticeably a perfect deceiver
Savage cruel and ruthless. He is very dish
-onest and treacherous. He apparently strea
-ls the milk during the rebellion. Then he
takes all the supply of milk and apples
from animals in a clever and hypocritical
way. He is harsh and ruthless in his
ways. He uses nine dogs as his body guar
-ds and slaughters anyone who shows disloy
-alty and dishonesty to him moreover to
his own benefit. he makes changes in
the actual original commandments

by favoring them for the own advantage these evidences infer his wicked qualities like cruelty savagery and dishonesty

Although he started off by overtaking old major's principles which implied not to behave like human he indeed accepted human behavior by amending the commandments to satisfy his own desires. He and other pigs starts sleeping in a bed without a sheet. He engages himself in trade to earn some money to invest on the windmill. All these human like bhavior characteristics are adopted by napoleon.

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DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : English

SEMINAR

Topic : A.P.J. Abdul Kalam

NAME : Priyanka .C.
U06DE21A0095

COMBINATION : B.A.

SEMESTER : IV

DATE OF SUBMISSION : 18/08/2023

A.P.J Abdul Kalam.

A.P.J. Abdul Kalam, in full Avul Pakir Jainulabdeen Abdul Kalam, He was born in October 15, 1931 at Rameshwaram. He was an Indian Scientist and Teacher who played a leading role in the development of India's missile and nuclear weapons programs. He was 11th President of India from 2002 to 2007. Kalam earned a degree in aeronautical engineering from the Madras Institute of Technology & in 1958 joined the Defence Research & Development Organisation. (DRDO) His famous book Wings of fire. A.P.J. Abdul Kalam created the Technology Vision 2020 project in 1998. The project sought to develop India's economy through technology, particularly as applied to agriculture

and increase availability of health care & education. In recognition of Kalam's services to the country and broad popularity, the National Democratic Alliance Nominated him for president in 2002. He won many awards, both from the Indian government and from the International Community. His most notable awards were the Padma Vibhushan, won in 1990, & the Bharat Ratna, won in 1997, for his Contributions to Science and engineering & Service to the Government

He had his major in physics. He finally graduated from College on the year 1954. He was responsible for the development of India's first Satellite launch vehicle, the SLV-3.

He was appointed as the Chairman of Technology Information, Forecasting and Assessment Council (TIFAC)

Best APJ Abdul kalam Quotes for Students looking for.

1. Dream is not something that you see while sleeping
2. Books become permanent companions
3. One of the very important Characteristics of a Student is to question.

The Slogan of Abdul kalam was "If you fail, never give up because FAIL means" First Attempt In Learning "Failure will never overtake me if my determination to succeed is strong enough." All of us do not have equal talent But, all of us have an equal opportunity to develop our talents.

Dr. A.P.J Abdul Kalam had special contribution in the missile development program in India. That is why Dr. Kalam is also known as "Missile Man". He became the 11th President of India. In addition to it he had written many books.

A.P.J. Abdul Kalam was died on July 27, 2015 in Shillong, Meghalaya.

He was a very hard working person and had an ambitious personality. This humanitarian behaviour makes Dr. Kalam a honorable personality.

D.V.S COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIMOGA

SUBJECT : ENGLISH

SEMINOR

Submitted By :

Name : Rahul N.M

Reg No. : U06DE22A0151

Class : 1st BA (II Semester)

D.V.S College of Arts, Science & Commerce,

Shimoga

Submitted To :

Daina A D'berta Mam

Department of English

D.V.S College of Arts, Science &

Commerce, Shimoga.

Date of Submission :

Signature of the Teacher in charge

2023-24

BHAGAT SINGH.

He is referred to as Shahid Bhagat Singh by all Indians. His outstanding and unmatchable revolutionary work born on the 28th of September 1907 in a Sidhu Jat family in Punjab's Doab district. He joined the struggle for freedom. He a very young age and died as a martyr at the age of only 23 years

Childhood Days:-

Bhagat Singh is popular for his heroic and revolutionary acts. He was born in a family that was fully involved in the struggle for Indian

Both freedom fighters of that time were known to support the Gandhian ideology.

They always inspired the people to come out in masses to oppose the British this affected Bhagat Singh deply there fore loyalty towards the country and the desire to free it from the clutches of the British were inborn in Bhagat Singh it was running in his

hagath Singh's Education:-

His father was supporter of
ahatma Gandhi at and when the
atter called for boycotting governme
aided institution's to Bhagat
Singh left the school at the of
13 then he joined the national
college at Lahore in college.
he studied the European
revolutionary.

Bhagat Singh's Participation in the freedom fight :-

Bhagat Singh read many articles about the European nationalist movements. Hence he was very much inspired by the same in 1925 He founded the Najavan Bharat Sabha for his national movement Later he joined the Hindustan Republican Association where he came in contact with a number

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D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : English

SEMINAR

Topic : The Dear

NAME : Akasha. V

V06DE22A0186

COMBINATION : History. Political Science

SEMESTER : IInd

DATE OF SUBMISSION : 21

Too Dear.

Leo Tolstoy also known as Leo Nikolayevich was a great master of the 19th century novel He was a Russian writer. Best known for war And Peace [1869] and Anna Karenina [1878] regarded as the greatest novels of realist fiction. He was Born In an aristocratic Family He was the Fourth of Five Children and Had the title of 'Count' Despite Not Being His Father's Oldest son He studied Law and languages at Kazan University But left the University In the middle of His Studies After Leading an Indulgent Life as a Dissolute aristocrat He Joined the army as an artillery Officer And Served In Sevastopol During the crimean war However.

His Sevastopol Sketches [1855] is Bassed upon His Expiriences During the war.

Near The Borders of France And Italy, On the Shore of the Mediterranean Sea lies a tiny little Kingdom called Monaco may a Small Country town Can Boast more Inhabitants than this Kingdom.

For there are Only About Seven thousand them all told, and if all the Land In the Kingdom were Divided there would not Be an acre For Each Inhabitant, But In this toy Kingdom there Is a Real Kinglet, and He has a Palace and courtiers and ministers and a Bishop, and Generals and an Army.

It Is not a Large Army, only sixty men In all But still, it Is an army. There were Also taxe In this Kingdom as Else where a tax On tobbacco and on wine and Spirit

and a poll-tax But thought the people There
point and Smoke as people Do In Other
countries, there are so few of them that the king
would Have Been Hard Put to It to Feed His
countries and Officials and to Keep Himselfe
If He Had Not Found a new and Special
Source of revenue. This Special revenue Comes
From a Gaming House where People play roulette
people Play and whether. they win or lose
the Keeper Always Gets a percentage on the
turnover. and Out of His profits. He pays
Large Sum to the King. The Reason He Pays
So much Is that Is The only Such gambling
Establishment left In Europe Some of The
Same Kind, But Some One of the Little German
Sovereigns used to Keep gaming Houses.

did so [illegible] Room. A man would come and lay his luck. Then he would risk all he had and lose it Then he would even risk money that DiD not Belong to him And lose that too and then In Despair he would Drown or Shoot him selfe.

he has his Coronation, his levees. he rewards Sentences and Pardons and he also has his prieves, Councils, laws and Courts of Justice Just like other Kings. Only all on a Smaller Scale.

The Ministers considered the matter and Decided to Address an Inquiry to the French Government asking whether the French could not lend them a machine and an Expert to cut off the Criminals Head.

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PESHEEYA VIDHYA SHAALA SAMITHI(R)

P.A.'S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : English

SEMINAR

Topic : Animal Farm

NAME : NISHATH FATHIMA
II BA, 4th Sem
U06DK21A0022

COMBINATION : Economic, political Science

SEMESTER : 4th Sem

DATE OF SUBMISSION : 10-August-2023

ANIMAL FARM

George Orwell

George Orwell, the pen name of eric arthur Blair, is recognized as one of the prominent writers of the 20th century. Orwell's Novel Animal farm presents a graphic picture of the sufferings of common people under the dictatorship of cruel leaders. The Novel Satirises the Russian Society under Stalin's regime. Animal farm, which at the outset appears to be a fable, clearly tells how the power corrupts.

Old major, a prize-winning boar, gathers the animals of the manor farm for a meeting in the big barn. He tells them of a dream he has had in which all animals live together with no human beings to oppress or control them. He tells the animals that they must work toward such a paradise and teaches them a song called "Beasts of England". In which his dream vision is lyrically described.

The animals greet major's vision with great enthusiasm when he dies only three nights after the meeting. three younger pigs - Snowball, Napoleon and Squealer - formulate his main principles into a philosophy called Animalism. late one night, the animals manage to defeat the farmer Mr Jones in a Battle, running him off the land. They rename the property Animal farm and dedicate themselves to achieving major's dream. The cart-horse Boxer devotes himself to the cause with particular Zeal, committing his great Strength to the prosperity of the farm and adopting as a personal maxim the affirmation 'I will work harder".

At first, Animal farm prospers. Snowball works at teaching the animal to read, and Napoleon takes a group of young puppies to educate them in the principles of Animalism. When Mr. Jones reappears to take back his farm, the animals defeat him again, in what comes to be known as the Battle of the Cowshed, and take the farmer's abandoned gun as a token of their victory.

As time passes, however, Napoleon and Snowball increasingly quibble over the future of the farm, and they begin to struggle with each other for power and influence among the other animals. Snowball concocts a scheme to build an electricity-generating windmill, but Napoleon solidly opposes the plan. At the meeting to vote on whether to take the project, Snowball gives a passionate speech. Although Napoleon gives only a brief retort, he then makes a strange noise, nine attack dogs—the puppies that Napoleon had confiscated in order to "educate".

Napoleon now quickly changes his mind about the windmill, and the animals, especially Boxer, devote their efforts to completing it. One day, after a storm, the animals find the windmill toppled. The human farmers in the area declare smugly that the animals made the walls too thin. But Napoleon claims that Snowball returned to the farm to sabotage the windmill.

with his leadership - meet instant death at the teeth of the attack dogs. with his leadership unquestioned, Napoleon begins expanding his powers, rewriting history to make Snowball a villain. Napoleon also begins to act more and more like a human being - sleeping in a bed, drinking whisky, and engaging in trade with neighboring farmers. The original animal principles strictly forbade such activities, but Squealer, Napoleon's propagandist, justifies every action to the other animals, convincing them that Napoleon is a great leader and is making things better for everyone - despite the fact that the common animals are cold, hungry and overworked.

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DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : History

SEMINAR

Topic :

NAME : Parasheram.J

COMBINATION : History, Political Science

SEMESTER : 1st year 2nd Sem DSC-03

DATE OF SUBMISSION :

Diwali

Diwali or Deepwali, ℓs India's biggest and most important holiday of the year. the festival gets its name from the row of clay lamps (deepa) that Indians light outside their homes to symbolize the inner light that protects from spiritual darkness. this festival is as important to Hindus as the Christmas holiday is to Christians.

Over the centuries, Diwali has become a national festival that's also enjoyed by non Hindu Communities. for instrans, in jainism, Diwali marks the nirvana, or spiritual awakening. of lord mahavira on October 15. 527 B.C in sikhism. it honors the day that Guru Hargobind ji. the Sixth Sikh Guru, was freed

From imprisonment. Buddhists in India Celebrate Diwali as well.

During the festival, the celebrants illuminate their homes, temples and workspaces with diyas (oil lamps), candles and lantern. Hindus, in Particulas, have a ritual oil bath at dawn on each day of the festival. Diwali is also marked with fireworks and the decoration of floors with rangoli designs, and other parts of the house with jhalars. food is a major focus with families partaking in feasts and sharing mithai. the festival is an annal homecoming and bonding period not only for families. but also for Communities and associations, Particularly those in urban areas which will organise activities, events and gathering.

Dasara

The Dasara festivities began with the vijayanagar kings as the 14th - 15th Century. the festival played a historical role in the 14th Century vijayanagar empire. where it was called as Mahanavami and the festivities are shown in the relief artwork of the outer wall of the Hazara Rama temple of Hampi.

Vijayadashami, also known as Dussehra Dasara or Dashain, is a major Hindu festival Celebrated every years at the end of Navarathri. it is observed on the tenth day of the month of Ashvin. the seventh in the Hindu lunisolar calendar. the festival which typically falls in the Gregorian Calendar months of septembar and Octobar.

12 Class Seminar -

Class :- II BSc (Open Ele) - IV sem.

Time :- 11-12 Room No:- 12

Student NAME:- Sinchana S.M (P.M)

TOPIC:- Industrial Finance.

Teacher Name
ARAVINDA G.V.
HOD- Dept of Economics

S. NO.	NAME	combition	Sing.
01	Diganth MD	PE	Diganth
02	S. S Dhanush	MCs	Dhanush
03	Sandarsh J.N	MCs	Sandarsh
04	Chetan. B.T	MCS	Chet B.T
05	Siddesh G.V	MCS	Siddesh
06	Venkatesh. R.A	PM	Venka
07	Lohith. B.V	ME	Lohith B V
08	Puneeth. M	MCS	Puneeth
09	Varsha. S S	BZ	[illegible]
10	Nayana. B.S	BZ	Nayana.
11	Monipha A	MP	Monipha A
12	Nirmala. M.B	PM	Nirmala. M. B
13.	Sinchana S.M	PM	Sinchana S.M
14	Pratheeksha P	BZ	Pratheeksha
15.	Ashaya. A.	MCs	Ashaya A.
16	Rakshitha KL	MCs	Rakshitha KL
17.	Sangeetha K	MCs	Sangeetha K
18	Sigandhu. Y	MCS	Sigandhu. Y
19	Vidhyashree. B	MCS	Vidhyashree B.
20.	Padma. B.S.	MCs	Padma.
21.	Priya D.K	MCs	Priya.

22.	Madhushree C.J	MCS	Madhushree
23	Bindushree. R.	PM	~~Bindushree~~
24	Shamanaz. M	PM	~~Shamanaz~~ M.
25	Lavanya. M	MCS	~~Lavanya~~
26	Megha S S	MCS	~~Megha~~
27	Pinchana A	PE	~~Pinchana~~
28.	Anupriya. R	PM	~~Anupriya R~~
29.	Shrutha. G. M	PM	~~Shrutha~~ G.M
30.	Kavya. S. K	PM	~~Kavya~~ SK
31.	Gunashree. M H	PM	Gunashree. MH
32.	Sushma. R N	PM	Sushma. R. N
33.	Meghana. S	PM	Meghana. S
34	Adipitha. G. C	PM	Adipitha. G C

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DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2022-2023

DEPARTMENT : SOCIOLOGY

SEMINAR COPY

TOPIC : major determinants of food consumption,types of food:vegetarian,non-vegetarian,vegan and flexitarian.

NAME : YASHASWINI.H.N,
CHANDANA.K.V

REG NO : U06DE21S0020
U06DE21S0149

COMBINATION : PC

SEMESTER : IV SEMESTER

DATE OF SUBMISSION : 28-06-2023

Determinants of food Consumption:

What is food?

→ Any nutritious substance that people or animals eat or drink or that plant absorb in order to maintain life and growth.

Food choice determinants are frequently presented in four groups:

a) Biologically determined behavioral predispositions, related to an individual's innate abilities related to food, namely the preference for sweet and salty foods;

→ The mechanisms that control hunger and satiety; and the sensory experience provided by food. These are the most basic determinants of food choice, meaning when choosing food or drinks, people firstly follow their preferences.

b) Sensory - affective factors:

Those related to feelings and emotions in relation to fodd -- acquired familiar and ability to learn how to like something are at the second level.

} Intrapersonal factors:

→ It is defined by an individual's beliefs, attitudes, knowledge, skills and social norms, follow the previous fact ors in determining the choice of food, just like the inter personal ones, which involve family, friends and other social networks

→ The culture in which each individual was born and raised influences general behavior and food habits. Inter-personal factors theoretical framework was also described by Rothschild. 1999, and applied

for example, in BOS, 2016,

→ "Several authors have ascertained that choices depend on the surrounding environment, and are based on one's knowledge and experience."

d) Environmental factors:

→ Environmental factors are the last level determining food consumption. Even though they are the most distant from the individual, environmental factors are the easiest to influence.

→ They include availability and accessibility to food; social environmental and cultural practices; resources; economic environment; food marketing practices.

→ For example:

Resources and economic environment determine food consumption through food cost or individual income. According to the literature, low income population groups are more likely to adopt unbalanced diets.

Vegetarian Food and Non Vegetarian Food

Vegetarian food:

→ A Vegetarian diet does not include any meat, poultry, seafood. It is a meal plan made up of foods that comes mostly from plants

Importance of Vegetarian food:

Plant based diets are generally rich in fiber, phytonutrients, tioxidants, Vitamins and minerals, which in turn strengthens e immune system and slows down the aging process.

What is called Vegetarian:

According to the Vegetarian Society, Vegetarians are eople who do not eat the products or byproducts of animal slaughter — killing animals for food

Advantages of Vegetarian Food

Weight Loss:

One of the major advantages of being Vegetarian is tha can lose our weight easily. Obesity is considered one of e big problems of today's youngsters. Preferring a getarian diet can help us to lose weight effectively.

Obesity: abnormal or excessive fat

2) Ethical Impact on environment :-

→ Many people chose vegetarian diet because they are negative treatment and killing of animals. On the other hand Vegetarians consider that consumption of meat impacts negatively on the environment

→ Consumption of red meats like beef (A flesh of cow, bull or ox as food) causes deforestration in many parts of the world and it can also contribute to emission of CO_2 in massive amount

3) Less risk of Chronic disease :

Consumption of Vegetarian food can help us to lead a life which is free from chronic diseases. Most of the non-Vegetarian food items lack in essential nutrients and minerals that can be obtained from vegetables and fruits. Vegeterian diet can cure diabetes and heart related diseases. It would also help in maintaining cholestrol level

4) Less costly :

There is also a financial advantage of being a vegetarian. people spend a good amount for the non-vegetarian food items. while by spending minimum amount we can purchase highly nutritious food for ourselves.

We ~~have discussed~~.

Disadvantages of Vegetarian food:

* **Lack of choice in food items:**

→ This is one of the major concerns of vegetarians. There are very limited choices of Vegetarians. We can notice that in restaurants there is less number of Vegetarian food items as compare to non-Vegetarian food items.

* **Lack of some nutrients:**

Generally, Vegetarian food items lacks in protein as compare to non-Vegetarian food items. Vegetarian food also lacks in calcium. Food of insufficient amount of protein can lead to other kind of diseases.

* **Requirement of Supplementation:**

→ Vegetarian food items are not sufficient for protein and calcium. In that case, it becomes necessary to supplement our diet with other protein rich food. Vitamin B12 is usually recommended for Vegetarians. Preferring Vegetarian multivitamin is another option for Vegetarians.

2) Non-Vegetarian Food:

→ Non Vegetarian Food means an article of food which contains whole or part of any animal including birds, fresh water (or) marine animals (or) eggs or products of any animal origin, but excluding milk (or) milk products, as an ingredient.

Advantages of Being Non Vegetarian:

1. Food Variation:

→ A person who eats meat and related dishes has a variety of foods to select from. There are a lot of Varieties like chicken, red meat such as lamb, goat, beef, seafood such as fish, lobster, prawns, Shrimps, crabs etc... and eggs are example of non vegetarian foods. Moreover, the person who Eats non-Veg food gets benefits from all sides. He enjoys eating non-Veg as well as Vegetarian food.

Rich in protein:

Protein consumption is critical for good physical and ental development. Medical studies have shown that otein acquired from animals is superior To protein tained from plants such as pulses and milk.

Omega 3 Fatty acid:

Non-Vegetarians can reap the benefits of omega 3 fatty cds, which are found only in seafood. It is the ost significant benefit of being a non-Vegetarian, whereas getarian cannot get these benefits while it is essential to

keep our hearts healthy. According to study, omega 3 acids also proved to protect a person from serious illnesses such as cancer

Mackeral → ಬಂಗಡೆ
Sardine → ಭೂತಾಯಿ, ಮತ್ತೆ
Lady fish → ಕಾಡೆ
King fish → ಅಂಜಲ್
Silver fish → ಬೆಳ್ಳಂಜೆ

Sharpen your Mind:

Children who have been fed fish since birth have a sharper brain that children who have never eaten fish. Eating fishes such as salmon, tuna, other pond fishes, and sea fishes are non-Vegetarian foods rich in omega 3 protein, and Vitamin A, which aid with brain sharpness

Disadvantages of being Non-Vegetarian:

* Being a Non-Vegetarian, excessive meat consumption has been linked to risk of heart disease, diabetes, Kidney disorders, cancer, and Weight gain.

* Some farm animals, such as broiler chicken, are raised in unhygienic conditions, eating such food can cause health problems such as stomach pain and intestinal diseases

* Non-Vegetarian food has a higher risk of constipation and bloating issues

* Concentration harmed by non-Vegetarian eating. It also makes you more furious and lustful

* Non-Vegetarian food has more protein which makes digestion more challenging

* Switching from a Vegetarian to a non-Vegetarian which diet is never recommended

* Many drugs antibiotics are usually supplied to maintain from animals, and these chemicals reach the food chain and human bodies through non-Vegetarian foods potentially causing immune system disorders.

* Excessive eating of non-Veg foods items such as red meat and other meat, raises Cholestrol levels in the body, perhaps leading to steroid harmone imbalance

* The most significant disadvantage of non-Vegetarian eating is the prevalence of violence in humanity.

Conclusion:- Whichever diet we prefer but it should be balanced with all essential nutrients. "A balanced food would only lead us healthier life."

Note: In India 40% population follows meat free diet and India is by far the most Vegetarian country in the world. If we talk about the Vegetarian states, then Gujarath, Haryana, Rajasthan are the places where most of people eat Vegetarian food

Non Veg → Kerala (93%)
Goa (85%)
Assam (80%)

Vegan

Vegan:

Vegan diet is based on plants (such as vegetables, grains, nuts and fruits) and foods made from plants. Vegans do not eat the foods that come from animals, including dairy products and eggs.

> Donald Watson, founder of the Vegan Society, coined the word Vegan in 1944 as a statement against Vegetarians who edt dairy products. He took the first and last letters from the word of Vegetarian. to create his orthodox version of Vegetaridnism.

List of foods that Vegan can eat:-

- Fruits and Vegetables
- Legumes such as plants
- Nuts and seeds
- Breads, rice and pasta
- Dairy alternatives such as Soyamilk, Coconut milk, almond milk,
- Vegetable oils.

Types of Vegan:-

1. Ethical Vegans
2. Environmental Vegans
3. Health Vegans
4. Religious Vegans.

Veganism:-

Veganism is the practice of abstraining from the use of animal product- particularly in diet - and an associated philosophy that rejects the commodity status of animals.

Are Vegans healthy?

A Vegan diet can be healthy typically higher n fiber and lower in chlolesterol than an omnivorous diet. As a result, some studies find a vegan diet owers the risk of heart dicease and premature death, helps to manage type 2 diabetes and reduces the risk of cancer.

"Israel : This Country Capital City. Tel Aviv, is itled the "Vegan Capital of the world".

Ethical Vegan:

Ethical Vegan is someone who not only excludes nimal products from their diet but also tries to void using animals, animal products, animal tested products:

Environmental Veganism:

It refers to avoidance of animal products n the premise that the industrial farming of the nimals is environmentally damaging and unsustainable. Further motivations for vegan diets include concerns about animal welfare.

Health Vegan:-

These are the peoples who adopted Vegan style for the sake of health.

Religious Vegan:

Vegans for Religious purpose. i.e., who adopt the Vegan style for religious purpose.

> Well planned Vegan diets are regarded as appropriate for all stages of life, including infancy and pregnancy. as said by the American Academy of Nutrition and Dietics

> Vegan diets tends to need to be high in dietry fiber, folic acid, Vitamin C, Vitamin E, iron and phytochemicals, and lower in dietary energy, saturated fat, cholesterol, omega-3 fatty acid, Vitamin D, Calcium, Zinc and Vitamin B12.

Conclusion:

As a result of elimination of all products, a poorly planned Vegan diet can lead to particular nutritinal deficiencies. Vitamin B12 supplimentation is very important, its deficiency can cause blood disorders.

Vegan diets though suitable to maintain the balanced diet, but deficiency of certain contents may cause health related issues.

Flexitarian

Flexitarian diet is a flexible eating style that emphasize the addition of plant or plant based food and everages, incorporates dairy and eggs. and encourages eat to be consumed less frequently or in smaller ortions. There is no set calorie or macronutrientgoals in flexitarian diet.

The flexitarian diet allows dairy and thanks to its bone-strengthening combo of calcium and vitamin D.

Age factor for flexitarians:-

Age is also a factor. A significant trend in dietary preferences is that as consumer age, they are more likely to be flexitarians, while 17% of those aged 18 to 24 describe themselves as flexitarians the number rises to 20% for those aged 45 to 54 and 25% for those 65 and older.

Vegetarianism is the strict practise of abstaining from consuming meat or any other animal tissue. Flexitarianism is a neoteric term that gained a considerable increase in usage in both science and public sectors.

Flexitarian was listed in the mainstream

Merriam-Webster's Collegiate Dictionary in 2012.
In 2003, American Dialect Society voted flexitarian as the years most useful word.

Foods in Flexitarian type:

1. Fruits
2. Vegetables
3. plant proteins (beans such as black, kidney, or navy edamame, chickpeas, lentils, tofu)
4. whole grains
5. Eggs
6. Dairy (cheese, yogurt or diary alternatives)
7. oils, Herbs and species
8. Nuts, nut butters, seeds and healthy fats.

According to Dutch environmental organization Natuur & Milieu, a flexitarian eats no meat, fish or lunch meat for at least one day a week.

Benefits or Advantages of Flexitarian.

Dietitians will always recommend a way of eating that forces on fruits, and vegetables. The flexitarian diet does not just that. Because of this there are several benefits to this eating style. including,

1. Decreased risk of heart disease
2. Weight loss
3. Decreased risk of Type 2 diabetes or management of pre-diabetes.
4. It may prevent cancer
5. It's good for the environmental since, you are decreasing your meat consumption. and reducing Carbon foot print
6. Even with all the benefits of eating pattern, there are still risks for certain people, cutting back on meat Consumption can lead to some nutrient deficiencies like Vitamin B12, zinc and Calcium....

-: Thankyou :-

KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : Sociology

ASSIGNMENT

Topic : Industrialization of Food production and its distribution.

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COMBINATION	:	[GM] IInd Bsc
SEMESTER	:	4th Sem
DATE OF SUBMISSION	:	28/06/2023

Industrialization of Food Production and Distribution.

Food is the basic need of humans for their survival and it becomes important for the policymakers and the government to develop an effective food system will ensure continuous production and supply of the food to the people. Technological advancements were also the major force behind the industrialization of the food system for the good of it and has contributed significantly in increasing the efficiency of the food supply chain.

* Industrialization and Food production:-

Industrialization has always been a major force that has changed the landscape of human civilizations across centuries. The first industrial revolution brought in the transition of from hand production methods to more mechanized production process which contributed significantly to the process of the food supply chain. The second industrial revolution furthers the use of machines and technology for production and that enhanced the food production and food supply chain process more efficiently. The gradual process of enhancement kept

on increasing with new mechanized systems being integrated into the food production and the food supply chain process. Developed world and countries have adopted the industrial process within their food supply chain process effectively and that allowed them to enhance their whole food system with increased food productivity and effective distribution of the foods, The developed world has a significant increase in their food storage and has been able to effectively manage the growing demands of food even in the modest seasons.

✱ Technology within Food Production :-

Technology is at the forefront of all the industrial revolution and for that matter becomes an integral part of the food systems. Technological advancements in the last 50 years have exponentially helped the countries all over the world to enhance their food systems. The developed countries were the first to integrate technology within their food system and for that matter were able to produce food at a fast pace

and at cheaper cost of production as compares to other countries.

All the developed countries were able to transcend the seasons with the help of the technology with a cornucopia of the year round vetegables and fruit supplies. The infusion of technology to produce foods have allowed the producers to manage a steady supply of foods even during off or modest seasons. The technical transformations within the food production and agro based foods made the production process move at a faster speed and in increased capacity. The agro-based food, with the help of technology were processed faster and been able to store it for a longer period. Technology changed processing and storage process where both the activities saw significant changes about how earlier the process were being followed by the producers of the food.

* Global Food System:-

The developed countries and their adoption of technology in enhancing their food system have definitely affected the global food system in a positive way. The global food system was duply impacted by the industrialization of the food system in ways where export and imports become a major part of the food systems. Countries that were not been able to produce a certain type of food products can now easily imported the same from other countries that is producing it and that made the whole food system an inclusive one and in the providing impetus to the economy of the country exporting the food commodities.

Population Increase and Food Security:

The population of the world has grown exponentially in the last 50 years which is now almost double of what it was in 1980 or so. Food is considered to be the right of every human being and the UN promoted the idea of food security where they take care of the countries and its population does not have the resources and the capabilities to feed their own population.

Impact on Food Quality and environment

The industrialized food production system has brought a host of new health, environmental, economic and social problems that is yet to be solved. In addition to this, global climate change is a new challenge that is impacting the food system direct and indirect ways.

The industrialized food system is also putting stress on the environment where pollution and increased use of the resources is resulting in global climate change that clearly is showing in the form of water shortages, floods and increasing global temperature. All these factors have imbalanced the entire food system processes in terms of shortage of supplies.

Conclusion :-

Food system is the lifeline of human civilization and it becomes important for the policy makers to keep it in shape to feed the people. The industrialization process has made enhanced the food system in terms of productivity and distribution process. However in turn it is creating new problems in many

areas like the environment and health which is posing various questions about the impact of the industrialization of the food system. In that case, it becomes imperative for the policy makers to keep a tab on all the aspects of the food system to manage it effectively and efficiently.

DVS ARTS, SCIENCE AND COMMERCE COLLEGE Shivamogga - 577201

DEPARTMENT OF SOCIOLOGY

Seminar/Assignment/ Test/Activities

Topic: ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣ, ಗುರಿ, ಧೇಯ, ಉದ್ಧೇಶ, ಪ್ರಾಪ್ತಿ,

Submitted By

Name: ವರುಣ್‌ಕುಮಾರ್, ಬಿ.ಬಿ
Class: III . B.A
Professor pavitra.mam.
Course: H.S.K.
Sem: VV
Register Number: 2014648
Date: 24-12-2022

Submitted To

Pavitra.H.S.
Dept of sociology
DVS College

2022-23

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣ

ಅರ್ಥ

1. ವಿಡರ್‌ಮನ್ .ಎಸ್. :-

ಜನಸಂಖ್ಯೆಯ ಪರಿಸ್ಥಿತಿ . ಜನಸಂಖ್ಯಾ ಬೆಳವಣಿಗೆಯ ಕಾರಣ ಓ ಅದರಿಂದ ವ್ಯಕ್ತಿ . ಕುಟುಂಬ, ಸಮಾಜ ಮತ್ತು ದೇಶದ ಮೇಲಾಗುವ ಪರಿಣಾಮಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡುವುದೇ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣ

2. ವೇಲೆಂಡ್ :-

ಜನಸಂಖ್ಯಾ ಪ್ರಜ್ಞೆಯನ್ನು ಬೆಳಸುವ ಶಿಕ್ಷಣ

3. ಯುನೆಸ್ಕೊ ಪ್ರಕಾರ :-

ಜನಸಂಖ್ಯಾ ಸಮಸ್ಯೆಯನ್ನು ಪರಿಹರಿಸಲು ಕುಟುಂಬ . ಸಮಾಜ . ರಾಷ್ಟ್ರ ಓ ವಿಶ್ವದ ಜನಸಂಖ್ಯಾ ಸಮಸ್ಯೆಯನ್ನು ಅರ್ಥಮಾಡಿಕೊಳ್ಳಲು ಸಹಾಯಕವಾಗಿರುವ ಶೈಕ್ಷಣಿಕ ಮಾರ್ಗ.

4. ವಿಶ್ವಸಂಸ್ಥೆಯ ಪ್ರಕಾರ :-

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಕುಟುಂಬದ, ಸಮಾಜದ ರಾಷ್ಟ್ರದ ಮತ್ತು ವಿಶ್ವದ ಜನಸಂಖ್ಯಾ ಪರಿಸ್ಥಿತಿಯನ್ನು ಅರಿಯ ಅದನ್ನು ಎದುರಿಸಲು ಬೇಕಾಗುವ ತಾರ್ಕಿಕ ಮತ್ತು ಅಭಿವ್ಯಕ್ತತ ಹಾಗೂ ಪರಿವರ್ತನೆಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಮೂಡಿಸುವ ಶೈಕ್ಷಣಿಕ ಕಾರ್ಯಕ್ರಮ,

* ಇದು ಜನಸಂಖ್ಯಾ ಬೆಳವಣಿಗೆಯ . ಹೆಚ್ಚಳ ಪ್ರಮಾಣವನ್ನು ಅಭ್ಯಸಿಸಿದೆ ಅವುಗಳಿಂದಾಗುವ ಸಾಮಾಜಿಕ, ಆರ್ಥಿಕ, ಶಾಜಕೀಯ ಪರಿಣಾಮಗಳನ್ನು ಪರಿಹಾರೂ ಪಾಯಗಳನ್ನು ಮಾರ್ಗಗಳನ್ನು ಸೂಚಿಸುತ್ತದೆ.

* ಜನಸಂಖ್ಯೆಯ ಬಗ್ಗೆ ಜನಜಾಗೃತಿಯನ್ನು ಮೂಡಿಸುವುದು ಇದರ ಗುರಿ.

* ಕಾಲಾ ವಯಸ್ಸಿನ ಮಕ್ಕಳಲ್ಲಿ ದೇಶದ ಜನಸಂಖ್ಯಾ ಪರಿಸ್ಥಿತಿಯನ್ನು ಜಾಪಜಾರಿಕೆ ಮತ್ತು ಅನೈಪಜಾರಿಕೆ ತಿಳಿಯಪಡಿಸುವುದೇ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣ.

* ಇದು ಮಕ್ಕಳಲ್ಲಿ ಜನಸಂಖ್ಯಾ ಬೆಳವಣಿಗೆ ಬಗ್ಗೆ ಓ ಅದರ ದುಷ್ಪರಿಣಾಮಗಳ ಬಗ್ಗೆ ತಿಳುವಳಿಕೆಯನ್ನುಂಟು ಮಾಡುತ್ತದೆ,

* ಜನಸಂಖ್ಯಾ ನಿಯಂತ್ರಣ ಕ್ರಮಗಳು. ಜನಸಂಪತ್ತಿನ ಸದ್ವಳಿಕೆ ಮತ್ತು ಸಂಪನ್ಮೂಲ. ಪಂಡರ ಹಾಗೂ ಸಮಾಜದ ಅಭಿವೃದ್ಧಿಯ ಬಗ್ಗೆ ಕಾರ್ಯಾನ್ಮುಖ ರಾಗಲು ಪ್ರೇರಣೆಯನ್ನು ನಿಡುತ್ತದೆ

* ಮಾನಿವನ ಜನನಶಕ್ತಿ, ವಿವಾಹದ ವಯಸ್ಸು. ಸಂತಾನೋತ್ಪತ್ತಿ. ಮಿತಸಂತಾನ ಚಿಕ್ಕ ಕುಟುಂಬ. ಮುಂತಾದ ವಿಷಯ ಪರಿಶೀಲಿಸುತ್ತದೆ

* ಸ್ತ್ರೀ - ಪುರಷರ ತಮ್ಮ ವೈಯಕ್ತಿಕ ಜೀವನದ ಬಗ್ಗೆ ವಿವಾಹ ಮತ್ತು ಮಕ್ಕಳ ಸಂಖ್ಯೆ ತೆಗೆದುಕೊಳ್ಳುವ ನಿರ್ಣಯಗಳು ಕುಟುಂಬ ಸಮಾಜ ಮತ್ತು ರಾಷ್ಟ್ರದ ಮೇಲೆ ಹೇಗೆ ಪರಿಣಾಮ ಬೀರುತ್ತದೆ.

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ಗುರಿ

1. ಶಾಲಾಶಾಲೇಜು ವಿದ್ಯಾಧಿಗಳಿಗೆ ದೇಶದ ಜನಸಂಖ್ಯಾ ಸ್ಥಿತಿಗತಿ. ಜನಸಂಖ್ಯಾ ಬೃಹತಣಿಗೆ ಅದರ ಕಾರಣಗಳು ಮತ್ತು ಪರಿಣಾಮಗಳನ್ನು ತಿಳಿಸುತ್ತದೆ.
2. ವಿದ್ಯಾಧಿಗಳಲ್ಲಿ ಕುಟುಂಬ ಸಮಾಜ ಮತ್ತು ದೇಶದ ಜನಸಂಖ್ಯೆಯ ಬಗ್ಗೆ ತಿಳಿಸಿ ಆ ಮೂಲಕ ವೈಯಕ್ತಿಕ ಹಾಗೂ ಸಾಮಾಜಿಕವಾದ ಅಧಿಕ ಪೂರ್ಣ ಸಾಮರ್ಥಕ ಮಾಲ್ಯಗಳ ಮನೋಭಾವ ~~ವೈಯಕ್ತಿಕ~~ ಮತ್ತು ಸಂಪೇದನೆಗಳನ್ನು ಬಳಿಸುವುದು.
3. ಯುವಕರು ಜನಸಂಖ್ಯೆ ನಿಯಂತ್ರಣ ಮತ್ತು ಚಿಕ್ಕ ಕುಟುಂಬದ ಅರಿವನ್ನು ಪಡೆದು ತಮ್ಮದೇ ಆದ ವಿವೇಚನಾತ್ಮಕ ತೀರ್ಮಾನಗಳನ್ನು ಕೈಗೊಂಡು ಜವಬ್ದಾರಿಯುತ ಪೋಷಕರಾಗುವಂತೆ ಮಾಡುವುದು.

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ಧ್ಯೇಯಗಳು

ಟಿ. ಎಸ್. ಮೆಹ್ತರವರು ಹೇಳಿರುವಂತೆ

1. ಜನಸಂಖ್ಯೆಯ ವೈವಿಧ್ಯತೆ - ಬೃಹತಣಿಗೆಯ ವರ ಮತ್ತು ರಚನೆಯನ್ನು ವಿಶ್ವ ಜನಸಂಖ್ಯಾ ಹಿನ್ನಲೆಯಲ್ಲಿ ಅರಿಯುವುದು.
2. ಮುಕ್ತಿ ಮತ್ತದಿಂದ ರಾಷ್ಟ್ರ ಮತ್ತು ಅಂತರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದಲ್ಲಿ ಜನಸಂಖ್ಯಾ ಬೃಹತಣಿಗೆ ಮತ್ತು ಸಾಮಾಜಿಕ ಹಾಗೂ ಆರ್ಥಿಕಾಭಿವೃದ್ಧಿಗಿರುವ

ಸಂಬಂಧದ ಬಗ್ಗೆ ವಿದ್ಯಾಧಿಗಳಿಗೆ ತಿಳಿವಳಿಕೆ ನೀಡುವುದು.

3) ಜೀವನಾವಶ್ಯಕತೆಗಳ ಮತ್ತು ದೇಶದ ಸಂಪನ್ಮೂಲಗಳ ಬಗ್ಗೆ ಜನ ಸಂಖ್ಯಾ ಬೈವಣಿಗೆಯ ಪ್ರಭಾವ ಮತ್ತು ಅದರ ಸಮಸ್ಯೆಗಳ ಅಂದನ್ನು ಮೂಡಿಸುತ್ತದೆ

4) ಜನಸಂಖ್ಯಾ ಬೈವಣಿಗೆಯಿಂದ ಮಾನವನ ಅವಶ್ಯಕತೆಗಳಾದ - ಹೆಚ್ಚು ಶಾಲೆಗಳು. ಆಸ್ಪತ್ರೆಗಳು. ಜಾಷಧಿ ರಸ್ತೆ. ವಾಹನಗಳು. ಉದ್ಯೋಗ. ಆಹಾರ ನೀರು ಇವುಗಳ ಪೂರೈಸುವ ಕಾಳಜಿಯಲ್ಲಿ ಇವುಗಳ ಉತ್ಪಾದನಾ ಗುಣಮಟ್ಟವು ಕುನೆಯುವ ಬಗ್ಗೆ ತಿಳಿವಳಿಕೆ ನೀಡುವುದು.

5) ಜನಸಂಖ್ಯಾ ಬಾಡುಳ್ಳದ ದುಷ್ಪರಿಣಾಮಗಳ ಹಸಿವು - ದಾರಿದ್ರ್ಯ. ಅನಾರೋಗ್ಯ ನಿರುದ್ಯೋಗ ಅಲ್ಪಾಯಸ್ಸು ಆಧಿಕ ಹಿನ್ನಡೆ. ವಸತಿ ಸಮಸ್ಯೆ. ಪಂಪರ ಮಾಲಿನ್ಯ ಹಾಗೂ ನಾಶ. ಬಗ್ಗೆ ತಿಳಿವಳಿಕೆ ನೀಡುವುದು.

6) ಜನಸಂಖ್ಯಾ ಹೆಚ್ಚಳದ ಪರಿಣಾಮವು - ಜನರ ಮಕ್ಕಳ ಮತ್ತು ಮಹಿಳೆಯರ ಆರೋಗ್ಯದ ಮೇಲ ಮತ್ತು ದೇಶದ ಸಂಪನ್ಮೂಲಗಳ ಮೇಲೆ ಏನಾಗುತ್ತದೆಂಬುದನ್ನು ತಿಳಿಸುವುದು.

7) ಜನಸಂಖ್ಯಾ ವಿಷಯಗಳ ಬಗ್ಗೆ ಜನರಲ್ಲಿ ಮೂಡಿರುವ ಅಜ್ಞಾನ ತಪ್ಪು ಗ್ರಹಿಕೆ ಮತ್ತು ಮಾಢ್ಯತೆಯ ಬಗ್ಗೆ ಅವರಲ್ಲಿ ಅರಿವನ್ನೆಂಟು ಮಾಡುವುದು.

8) ಜನಸಂಖ್ಯೆ ಗಾತ್ರವನ್ನಿಳಿಸಿ ಜನರ ಜೀವನ ಮಟ್ಟವನ್ನು ಹೆಚ್ಚಿಸುತ್ತದೆ.

9) ಜನಸಂಖ್ಯಾ ಬೈವಣಿಗೆಯಿಂದ ಪೇಶದ ಆಧಿಕ ಸಾಮಾಜಿಕ ರಾಜಕೀಯ ಶೈಕ್ಷಣಿಕ ವೈಜ್ಞಾನಿಕ ತಾಂತ್ರಿಕ ಮತ್ತು ನೈತಿಕ ಅಂಶಗಳು ಮೇಲಾಗುವ ಪರಿಣಾಮಗಳನ್ನು ತಿಳಿಸುವುದು.

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ಶೈಕ್ಷಣಿಕ ಉದ್ದೇಶಗಳು

1. ಜನಸಂಖ್ಯಾ ಸಮಸ್ಯೆಯು ಒಂದು ವೈಯಕ್ತಿಕ. ಸಾಮಾಜಿಕ ಮತ್ತು ರಾಷ್ಟ್ರ ಸಮಸ್ಯೆಯೆಂಬುದನ್ನು ತಿಳಿಯ ಹೇಳಬಹುದು.

2) ಜನಸಂಖ್ಯೆಯ ಮೀತಿಮೀರಿದ ಹೆಚ್ಚಳದಿಂದಾಗಿ ದೇಶದ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಗಳಿಗೆ ತೊಡತಾಗಿರುವ ವಿಷಯವನ್ನು ತಿಳಿಸಲು.

3) ಜನಸಂಖ್ಯಾ ಹೆಚ್ಚಳದಿಂದುಂಟಾಗುವ ಆಹಾರ - ವಸತಿ - ಆರೋಗ್ಯ ಶೈಕ್ಷಣಿಕ ಮತ್ತಿತ್ತರ ಸಮಸ್ಯೆಗಳನ್ನರಿಯಲು

4) ಉನ್ನತ ಜೀವನಕ್ಕಾಗಿ, ಸುಖಜೀವನಕ್ಕಾಗಿ ಮತ್ತು ಜೀವನಮಟ್ಟದ ಹೆಚ್ಚಳಕ್ಕಾಗಿ ನಿಯಂತ್ರಣ ಅವಶ್ಯಕ ಎಂಬುದನ್ನು ತಿಳಿಸಲು.

5) ಚಿಕ್ಕ ಕುಟುಂಬ, ಯೋಜಿತ ಕುಟುಂಬ ಮತ್ತು ಯೋಜಿತ ಪೀತೃತ್ವದ ಮಹತ್ವವನ್ನು ಅರಿಯಲು

6) ಜನಸಂಖ್ಯಾ ಬೆಳವಣಿಗೆ ಬಗ್ಗೆ ಇರುವ ಅಜ್ಞಾನ, ಕಂದಾಚಾರ ಮೂಢ ನಂಬಿಕೆಗಳನ್ನು ಹೋಗಲಾಡಿಸಿ ಜನರಲ್ಲಿ ವೈಚಾರಿಕತೆ ಓ ವೈಜ್ಞಾನಿಕತೆಯನ್ನು ಬೆಳಸಲು

7) ಗಂಡು - ಹೆಣ್ಣೆಂಬರ ಬಗ್ಗೆ ಬೇಧಬಾವವಿಲ್ಲದಂತೆ ಮಾಡಿ ಮಕ್ಕಳನ್ನು ಪಡೆಯುವಾಗ ಉತ್ತಮ ಹಾಗೂ ಸಮತೋಲನ ನಿಧಾರಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳುವಂತೆ ಮಾಡುವುದು

8) ಮಕ್ಕಳು ದೇಶದ ಸಂಪತ್ತು ಅವರ ಭವಿಷ್ಯದ ರೂಪಣೆಯ ಬಗ್ಗೆ ತಿಳುವಳಿಕೆ ಬೆಳಸುವುದು.

ಜನಸಂಖ್ಯಾಶಾಸ್ತ್ರದ ಮಾಪ್ತಿ

1. ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಒಂದು ಸಮಗ್ರ ಕುಟುಂಬ ಶಿಕ್ಷಣ.
2. ಇದು ಒಂದು ಸಮಸ್ಯಾ ಕೇಂದ್ರಿತ ಶಿಕ್ಷಣ,
3. ಜನರ ಜೀವನ ಮಟ್ಟ ಸುಧಾರಣಾ ಶಿಕ್ಷಣ,
4. ಜನರ ಆರೋಗ್ಯಕರ ಮತ್ತು ಸುಖಮಯ ಜೀವನದ ಆಧಾರ,

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ವ್ಯಾಪ್ತಿ

1) ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಒಂದು ಸಾಮಗ್ರ ಕುಟುಂಬ ಶಿಕ್ಷಣ

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಯುವ ಪೀಳಿಗೆಯ ಕೌಟುಂಬಿಕ ಶಿಕ್ಷಣ ಇದೇ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ಬೇಕಾಗಿಗೆ ಕಾರಣರಾರು? ಜನಸಂಖ್ಯಾ ಸಾಮಸ್ಯೆಯು ಕೇವಲ ದೇಶದ ಸಾಮಸ್ಯೆ ಮಾತ್ರ ಅಲ್ಲ ಪ್ರತಿ ಕುಟುಂಬದ ಮತ್ತು ಪ್ರತಿ ವ್ಯಕ್ತಿಯ ಸಾಮಸ್ಯೆ ಕೇವಲ ದೇಶದ ಆದ್ದರಿಂದ ಈ ಸಾಮಸ್ಯೆಯನ್ನು ಬಗೆಹರಿಸಲು ಪ್ರತಿಯೊಬ್ಬರು ಜವಬ್ದಾರರು. ಎಂಬ ಅರಿವನ್ನು ಮೂಡಿಸಲು ನೇಕೆ ಬೋಧನಾ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಹೊಂದಿದೆ. ವ್ಯಕ್ತಿಯ ವೈಯಕ್ತಿಕ ಕುಟುಂಬ ಜೀವನ. ಆಚಾರ. ಮಕ್ಕಳ ಮತ್ತು ವೆರ ಭವಿಷ್ಯ ಮುಂತಾದ ವಿಷಯಗಳ ಬಗ್ಗೆ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಚಿಂತನ ಮಾಡುತ್ತಿದೆ. ಸಾಮಾಜ ಮತ್ತು ರಾಷ್ಟ್ರದಲ್ಲಿ ಜನಸಂಖ್ಯೆಯ ಸ್ಥಿತಿಗತಿಗಳು ಆಹಾರ. ಬಟ್ಟೆ. ವಸತಿ. ಆರೋಗ್ಯ. ಶಿಕ್ಷಣ. ಉದ್ಯೋಗ, ಮುಂತಾದ ವೆಶ್ಯಕತೆಗಳು ಮತ್ತು ವೆಗಳ ಪೂರೈಕೆ ಬಗ್ಗೆ ಇದು ತ್ಯಿಸುತ್ತದೆ. ವ್ಯಕ್ತಿಗಳಲ್ಲಿ ಮಿತ ಸಂತಾನ ಮತ್ತು ಚಿಕ್ಕ ಕುಟುಂಬದ ಬಗ್ಗೆ ಅರಿವನ್ನುಂಟುಮಾಡುತ್ತದೆ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ವಿಷಯ ವ್ಯಾಪ್ತಿ.

2) ಇದು ಒಂದು ಸಾಮಸ್ಯಾ ಕೇಂದ್ರಿತ ಶಿಕ್ಷಣ.

ಜನಸಂಖ್ಯಾ ಬೇಕಾಗಿಗೆ ನೆಗುಣವಾಗಿ ವೆಶ್ಯಕ ವಸ್ತುಗಳ ಉತ್ಪಾದನ ಮತ್ತು ಪೂರೈಕೆ ಆಗಾದಾದಾಗ ಇದೊಂದು ಸಾಮಸ್ಯೆಯಾಗುತ್ತದೆ, ಅತಿಯಾದ ಜನಸಂಖ್ಯೆಯಿಂದ ಜನರು ಆಹಾರವಿಲ್ಲದೆ. ಅರಿವೆ. ವಸತಿ. ಉದ್ಯೋಗ. ಶಿಕ್ಷಣ. ಆರೋಗ್ಯ ಸೀಲಭ್ಯಗಳಲ್ಲದೆ ಸಂಕಷ್ಟಗೊಳಾಗುತ್ತಾರೆ. ಭಾರತದಲ್ಲಿ ಶೇಖಡ 40 ಕ್ಕಿಂತ ಹೆಚ್ಚಿನ ಜನರು ಬಡತನ ರೇಖೆಗಿಂತ ತ್ಯಿಮಟ್ಟದ ಜೀವನ ಪರಿಸ್ಥಿತಿಗಳಿ ನಿದ್ದಾರೆ ಜನಸಂಖ್ಯಾ ಬಾಹುಳ್ಯದ ಆಹಾರ ದೇಶದ ಸಾಮಾಜಿಕ ಆರ್ಥಿಕ ರಾಜಕೀಯ ಕ್ಷೋಭೆಗೆ ಕಾರಣವಾಗುತ್ತದೆ. ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಜನರಲ್ಲಿ ಈ ಸಾಮಸ್ಯೆಗಳ ಅರಿವನ್ನುಂಟು ಮಾಡಿ ಪರಿವರ್ತನೆಗೆ ನಿಹಾಯಕವಾಗಿದೆ.

3) ಜನರ ಜೀವನ ಮಟ್ಟ ಸುಧಾರಣಾ ಶಿಕ್ಷಣ :-

ಜನಸಂಖ್ಯಾ ಹೆಚ್ಚಳದಿಂದ ಜನರ ಜೀವನಮಟ್ಟ ನಿಕೃಷ್ಟ ಸ್ಥಿತಿಗಿಳಿದಿದೆ. ಜೀವನ ಮಟ್ಟವೆಂದರೆ ಕೇವಲ ಆರ್ಥಿಕ ಮಟ್ಟವೆಂದಲ್ಲ, ಮಾನವನ ಸಾಮಾಜಿಕ ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕವಾಗಿಯೂ ಒಂದು ನಿರ್ದಿಷ್ಟ ಮಟ್ಟದ ಜೀವನವನ್ನು ನಡೆಸಬೇಕು. ಜನಸಂಖ್ಯಾ ತಾಸ್ತ್ರಜ್ಞರು ಹೇಳುವಂತೆ ಭಾರತದ ಕಡು ಬಡವರ ಪರಿಸ್ಥಿತಿ ಹೇಗಿದೆಯೆಂದರೆ ದೆನ್ನಾರ್ಕಿನ ಹಂದಿಗಳ ವಸತಿ ಪರಿಸ್ಥಿತಿ ಉತ್ತಮವಾಗಿದೆ. ಆರ್ಥಿಕಾಭಿವೃದ್ಧಿಗೂ ಜೀವನ ನಿರ್ವಹಣೆಗೂ ಪೆಟ್ಟಕ್ಕೆ ಸಾಮ್ಯ ಕೆಲ್ಲನಿದರೆ ಜೀವನಮಟ್ಟ ಸುಧಾರಿಸುತ್ತದೆ. ಒಂದು ಕನಿಷ್ಠ ಜೀವನಮಟ್ಟವನ್ನು ಪರ್ಯಾಡಿಸುವ ಜನಸಂಖ್ಯೆಯನ್ನು ನಿಯಂತ್ರಿಸಿ ಆರ್ಥಿಕ ಭಿವೃದ್ಧಿಯನ್ನು ಸಾಧಿಸಬೇಕು ಆದ್ದರಿಂದ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಜೀವನ ಮಟ್ಟದ ಉನ್ನತಿಗಾಗಿ ಗಿತ್ತವಿರುವ ಜನಸಂಖ್ಯಾ ನಿಯಂತ್ರಣದ ವೆಶ್ಯಕತೆ ಅರಿವನ್ನು ಜನರಲ್ಲಿಂಟು ಮಾಡುತ್ತದೆ.

4) ಜನರು ಆರೋಗ್ಯಕರ ಮತ್ತು ಸುಖಮಯ ಜೀವನದ ಆಧಾರ :-

ಜನರು ತೃಪ್ತಕರ ಆರೋಗ್ಯಕರ ಮತ್ತು ಸುಖಜೀವನವನ್ನು ನಡೆಸಲು ಒಂದೆಡೆ ಆರ್ಥಿಕ ಪ್ರಗತಿ ಮತ್ತೊಂದೆಡೆ ಮಿತಸಂತಾನ. ಚಿಕ್ಕ ಕುಟುಂಬ ಆಧಾರ. ಜನರಿಗ ಎರಡು ಹೊತ್ತು ಊಟ. ವಸತಿಲೊಂದು ವಸತಿ. ಚಿಕ್ಕ ಕುಟುಂಬ, ಕನಿಷ್ಠ ಶಿಕ್ಷಣ, ಆರೋಗ್ಯ. ಉದ್ಯೋಗ ಸೌಲಭ್ಯಗಳಾದಗ ಬೇಕಾದರೆ ಮಿತಿಯಾದ ಜನಸಂಖ್ಯೆ ಇರಬೇಕು ಜನಸಂಖ್ಯಾ ಮಿತಿಯಾಗಬೇಕಾದರ ಕುಟುಂಬ ಯೋಜನೆ. ಜನನ ನಿಯಂತ್ರಣ ವೆಶ್ಯಕ. ಈ ವೆಶ್ಯಕತೆಯ ಅರಿವನ್ನು ಯುವಕರಲ್ಲಿ ಬೋಧನೆಯ ಮೂಲಕ ಉಂಟುಮಾಡಿ ಭಾವಿ ಜನಾಂಗವು ಸುಖ ಹಾಗೂ ಆರೋಗ್ಯಕರ ಜೀವನವನ್ನು ನಡೆಸುವಂತಾಗಿಸಲು ಶಾಲಾ-ಕಾಲೇಜುಗಳಲ್ಲಿ ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವನ್ನು ಒದಗಿಸಬೇಕು.

5) ಮಾನವೀಯ ಮೌಲ್ಯಗಳನ್ನು ಪ್ರತಿಸ್ಥಾಪಿಸುವುದು :-

ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣದ ಗುರಿಯು ಕೇವಲ ಜನಸಂಖ್ಯೆಯನ್ನು ನಿಯಂತ್ರಿಸುವುದಲ್ಲಿ. ಜನರ ಸಾಮಾಜಿಕ ಹಾಗೂ ನೈತಿಕ ಮೌಲ್ಯಗಳನ್ನು ವೃದ್ಧಿಸುತ್ತದೆ. ಜನರಿಗೆ ಉಟ ವಸತಿ. ಉದ್ಯೋಗ ದೊರೆತರೆ ಸಾಲದು ಅವರು ಸಮಾಜ ಮತ್ತು ದೇಶದ ಹೊಣೆಯರಿತು ಉದಾತ್ತ ಜೀವನವನ್ನು ನಡೆಸುವಂತಾಗ ಬೇಕು. ಜನರಲ್ಲಿ ಆಧೀಕ ಪ್ರಗತಿಯಾಗಿ ಭೋಗ ಜೀವನವನ್ನು ನಡೆಸುತ್ತಿದ್ದಾರೆಂದರೆ ಸಾಲದು. ಅವರಲ್ಲಿ ನೈತಿಕ ಹಾಗೂ ಪಾರಮಾಧೀಕತೆ ಸಾಧನೆಯಾಗ ಬೇಕು ಜನಸಂಖ್ಯಾ ವಿಚಿಯಿದ್ದಾಗ ಮಕ್ಕಳ ಪಾಲನೆ ಮತ್ತು ಸಾಮಾಜಿಕರ ಹಾದತ್ತ ತಂದೆ ತಾಯಂದಿರು ಗಮನ ನೀಡುತ್ತಾರೆ. ಅತಿಯಾದಾಗ ಮಕ್ಕಳ ಪ್ರಗತಿಕ ಮತ್ತು ಮಾನನೆಕ ಬೃಹವಣಗೆಗಳತ್ತ ಗಮನ ಕಡಿಮೆಯಾಗಿ ದೋಷ ಪೂರಿತ ಬೃಹವಣಿಗಯಾಗಿ ಹಾರಿ ತಪ್ಪುವಿಕೆ ಹೆಚ್ಚಾಗುತ್ತದೆ. ಉದಾ: ಅಮೆರಿಕಾ ಹಿಪ್ಪಿಗಳು. ಮನುಷ್ಯರ ಹೊಟ್ಟೆ ಸಾಮಸ್ಯೆ ಪರಿಹಾರವಾಗ ಅವನಲ್ಲಿ 'ಜೀವನ ಮೌಲ್ಯಗಳು. ಪ್ರೀತಿ. ಪ್ರೇಮ. ದಯೆ. ದಾನ ಅನುಕಂಪ. ಸಮಾನತೆ, ಸಹಕಾರ ಸಹಿಷ್ಣುತೆ. ಧರ್ಮ ಅಹಿಂಸೆ ಶಾಂತಿ. ವೃದ್ಧಿಸುತ್ತದೆ. ಜನಸಂಖ್ಯಾ ಶಿಕ್ಷಣವು ಮಾನವನ ಮನೋಭಾವ ಪರಿವರ್ತನೆಗೆ ಉತ್ತು ಕೊಟ್ಟು ಜೀವನ ಮೌಲ್ಯಗಳು ವೃದ್ಧಿಸಲು ಪ್ರಯತ್ನಿಸುತ್ತದೆ ಉದಾ:-> ಯೋಜಿತ ಕುಟುಂಬ. ಯೋಜಿತ ಪಿತೃತ್ವ.

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Topic: Hunger - As a serious problem

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Global Overview of Food Consumption: Patterns and Reasons

Global food consumption is quite simply, the amount of food and calories that are consumed by people.

Diets evolve over time, being influenced by many factors and complex interactions. Income, prices, individual preferences and beliefs, cultural traditions as well as geographical, environmental, social and economic factors all interact in a complex manner to shape dietary consumption patterns.

Global food consumption : Some observations

(1) Global food consumption is steadily increasing : when we study the amount of global food consumption, some patterns and trends are clearly visible to us. First of all, Global food consumption is increasing from decade to decade. The reasons are

* population growth.
* Rising incomes.
* changing dietary preferences.
* Increase in the purchasing power of the people.
* Increase in GDP.
* Improvement in agriculture and Green revolution.
* Science and technology now has conquered drought, famine.

Hunger - As Serious problem

Hunger is a physical sensation and drive that signals the body's need for food. When we are hungry, we feel the desire to eat something. After eating food that one sensation i.e desire disappears. It indicates that the body's need for food intake. It is regulated by complex mechanisms involving hormones, the central nervous system and the genetic system. When the body needs energy, it releases hormones like ghrelin which stimulate appetite and trigger the sensation of hunger. Hunger motivates individuals to seek and consume food to meet their energy and nutritional needs.

Extent of Hunger in Mankind

The number of hungry people globally will rise to 828 million in 2021. About 46 million more than in 2020. This is attributed to the COVID-19 pandemic. This suddenly increased the number of people suffering from starvation to 150 million. According to United nations report, the world is moving away from the target of ending hunger, food insecurity and malnutrition by 2030, which is a matter of concern.

According world health organisation (WHO) statistics the continent of Asia has more than 5 million hungry people. Africa has more than 250 million and Latin America and the Caribbean have about 40 million hungry people.

Causes of Hunger :-

(1) Insufficient food intake :- when individuals donot consume enough food to meet their body's energy and nutritional needs. Hunger can occur which can be caused by limited access to food, poverty inadequate food availability.

(2) Irregular or Inadequate meals :-
Skipping meals or having irregular eating habits can lead to feelings of hunger. It can also be caused by busy scheduled, fixed diets or disordered eating behaviours.

(3) Medical Conditions :-
Certain medical conditions or treatment such as gastro intestinal disorders, hyperhidrosis or cancer can affect the flower and cause increased appetite or difficulty getting enough nutrition.

(4) Metabolic factors :-
An imbalance of appetite-regulating hormones such as ghrelin and Serotonin can lead to feelings of hunger, this imbalance can be affected by factors such as lack of sleep, stress or certain medications.

Effects of Hunger

(1) physical Discomfort : Hunger is usually accompanied by physical sensations like stomach rumbling, dizziness

weakness and headache. These disorders can affect daily activities and overall being.

(2) Shortage of nutrients: Due to prolonged starvation, the body does not get the necessary nutrients. This lead to malnutrition. It leads to deficiency of vitamins, minerals, proteins and carbohydrates in the body which are fundamental for body growth.

(3) Weight loss:- Due to hunger, the body experiencess a continious lack of calories. Then body weight loss occurs, excessive or prolonged weight loss can lead to muscle wasting. Diminishes energy to work with enthusiasm. The body's immune system collapses.

(4) Impaired Cognitive function: cognitive abilities, concentration memory and decision making can be affected. This can have a negative impact on the school going children and the working class.

(5) Emotional and psycological effects:- chronic hunger can lead to feelings of anxiety, irritability and mood swings. It creates problems like emotional distress, low self-esteem etc Because of this, people develop a negative relationship with food. Food consumption, fondness for food represents the survival instinct, while wanting and being hungry symbolizes the long for death. Giving up food is a way of surrendering to death.

(6) Increased Vulnerability to illness:- when people do not take enough nutrients, the body's immune system collapses. Immunity is weakend. Such people are easily susceptible to infections.

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SHIMOGA – 577201

Acedemic Year :- 2022-2023

Department :- Sociology

SEMINER

Topic: Urban fringe /fringe or rural - urban fringe /fringe

NAME : Pavan. Naik.S

REG NO : U06DE21A0110

COMBINATION : P.S

SEMESTER : 3 semester

DATE OF SUBMISSION : 23/12/2022

STUDENT SIGN : Pavan

SUBMITED FROM :-

SUBMITED TO:-

Pavithra. H.S

H.O.D. Dept of Socialogy

Urban fringe/ fring or rural-urban fringe / fringe

The urban fringe is also known as the edage of village or the edga of city this concept also emphazie the aspect of rula-urban relationship the urban areas without proper study of the relationship beetwen them is like locking at one saide the coin regalction the other.

urban infulence is wider than urban Despite The socialagical reality some scholars have offer drawn distincions b/w rural- urban way of life .

treated as if they are separate warlds that do nat interact with each other such a consideration is nat right cours of action view ingarcess is wider than urban Depsite The socialigale realtity some scholder have often drawn distinctions b/w is nat right cours of action such a view ingares the interdpendent amd complementy suppurding relationships that consactntly exccies b/w these is very deep. Rural- urban linkags are an impartant aspect of these is very deep Rural- urbarn linkages are an impart-ance aspect of the urbanization process

Dissociatating and shrinking as it moves farther away.

Influence of city and influence of urban lifsty in then different wat mudra can be identifed as being on the rural life style.

Rural - urban Relations Assuming New Dimensions Due to urbanisation

Urbanization is in full swing slowing do-wn its spend is urshing an almost im possible speed. urbanization is the process by which growing citites expaind into barders incomparating surrounding -villages into their spher of influence spreading the culture or lifestyle of the city into that zone as well such a rigaion citey village come together to some extent is what we can village city converagence

Rural - urbarn relations are taking new dimensions as a result or rapid urbanization acarss the globle one such new dimension is the village sargu seen in the outskins.

A View of The Rural - Urban Finge

The concept of rural fring can also be interpreted as an area where urban and rula charactestice menga with respect to the outstock of city established suburbs with respect although land may somitings be used for small- scale agricular actives like village the palecatily organized activi-es than the ecentral aerial of the city and the zoning regulations (volle regulations) which are stricity enfaced in the city are not in force here somith-ems the land is used for some und-esirable or not so usefly purposes for example, such areas are used for dumping garbage and junked vechile has been called concept dumping garbage and junked vechices, has been called

The concept of rural - urban fringe or edge is used to symbolize the suburban areas the city where

mare arless than sense as amerian

The centeral city the relationship between
The poem in
particular has some level of copay can
be refered to as a lange city ara creong
nized city amd econmically it can be
used from the prime minteris city
amd routione jobs the central city
The relationshi. The central city the
relationp b/w poems. in particular.
has some level of copy amd organsing
with KR being uaqualy used in aAN
vale 6 [upkin tone] can be said
It can be said that subrusbs satated
developing as type of community 200 250
year aga The emeragace the subus
ocaure a city grows to a laqure.
beginning of the 20th century when
very in-depth very in-depth That
such suburbs had a specifical cultr
being gerneal characteristic such
community life having high leved of
conformaity amd having an outward
appeance - are induedd..

The concept of Rura - tribian convergencel is used in socialogical literature to difine rual - urban convergence

In the outskirt of the suburbs associated with the budget cities such place where village life amd village can be seen together can be called * manava samajwa da hangal.

7- Sub - tribs

upa nagar is a city's life marriage is bassed on Isha sadasayandi in sarg - gas

Authough there are many suburbs on the outskirts of a large city they are not necessarily uniform any udans can be referred to a as city ar a a recanganized city ecomically it can be used as a refugg between the poems in particuar has some levels copay arganization with KR being vag - ulaly used in anne va 6|upkin to tonel it can be said that it is

Fair referred to the working class social in the suburbs in contant to the middle family class subuas - always high cleatiness absence of slums stable family suburbanization. Industrial suburb and Residential suburb.

other concepts associated with the concept of suburb are suburbanation ind-ursation industrial suburb and resid-encial which refer to the developement apparear natuarly as surbuts develop & befer desopation of the thises as flows.

suburbanisation As

cities appear, people are atteracted to them It is natural far magreion be concention in and around the city cent inspossibles only in the intiral stage of development of the city when

DVS ARTS, SCIENCE AND COMMERCE COLLEGE

Shivamogga – 577201

DEPARTMENT OF

2022-23

Seminar/~~Assignment~~/~~Test~~/~~Activities~~

Topic : Care giving of children and elderly.

Submitted By

Name : Chaitra J. Raykar
Class : I BA
Course: Political Science and Sociology
Sem : I sem
Reg No: U06DE22A0029
Date

Submitted To

Department of
Sociology
Pavitra mam.

Care Going of Children and Elderly

Human life goes through many stages like infancy, childhood, youth, middle age, old age and death and it is a law of nature that one can change these stages. But it is possible to see a lot of anomalies only in the psycho-physical conditions of those in these periods. parasitism is inevitable in both the early and late stages of human life. parasitism protection from others, care and explanation are inevitable and inevitable in the early stages of infancy and childhood, regardless of the social environment in which one is born. However, although there is a high possibility of becoming parasites even in the old age of life, it is not inevitable or unavoidable. Because, some people who followed strict discipline throughout their lives become centenaries till the point of death due to old age, without becoming parasites, without getting sick, there are examples where they fulfilled their work and needs by themselves.

As the saying goes exceptions cannot become rules If we consider some such and have to try to live comfortably in the care of others. similarly one by creating care for children and the elderly is humanitarian duty

A global trend is emerging. In the light of the medical understanding that the brains of children are almost set in their brains by the time they are fourteen fifteen, there is a difference of opinion about the necessity of time.

Caring of children and elderly is the Responsibility of family.°

This question that arises is who should take care of husbands and wives, mothers, fathers, children and the elderly taking care of evening holidays, living in harmony etc...

Family is the focal point of social life. And in these days when it is universally agreed that the family is the most important social organization that looks after the life of the individual

Even in these days of stormy changes in the family constitution, the importance of family ideals and values, which indians have traditionally enjoyed, has not weakened or declined. As Anderson and Taylor state, there are those who claim that the family and its members are themselves responsible for many of society's most pressing problems. According to their accusation should the children drop. to cause a decline in school academic achievements if all these children are victims of consumptions of drugs such as marjuana, heroin, brown sugar consumption at a young age it is due to the severe neglect of the elders of the family, especially those who are taking care of the childrens or even because the value of a persons family values is falling. That is according to the institutional accusers, all the ill of the country will be solved by the work of the family to correct all these types of mentality. Thus, in social institutions, the family alone has been accursed of being the cause of problems

Care giving of children and Elderly

There are two types of care

① Formal care

② Informal care

Formal care

Institutions system are informal care purchased or availed care provided to patients in hospitals are registe -red clinic and nursing homes and on the road to leaders for example children to my mother and father, as well as the wifes helpful protection to her husband in the past

Formal for older people usually refers to paid care services provided by a healthcare institution or individual for a person in need. Informal care refers to unpaid care provided by family, close relatives, friends and neighbors.

"care provided in any non-family-based group setting, such as places of safety for emergency care, transit centres in emergency situations and all other short and long term residential care facilities, including group homes". It is unclear how formal long-term are LTC care background availability affects formal

② Informal care:-

Informal care refers to care for persons with disabilities or older people with care and support needs that is carried out by relatives, friends, acquaintances or neighbours, often without a contractual agreement or formal payment.

Example of Informal care devote most time to practical care tasks such as shopping and laundry large numbers of carers also see a key role in providing company and keeping an eye on the person generally

Thirty eight percent of informal caregiving is provided by children to aging parents. Eleven percent of informal caregoing is provided by spouse, most often to their elderly wives or husbands disabled children most often to adult disabled children by middle aged parents.

Its benefits

Four themes relevant to caregiver benefits emerged. celebrating the small things, resolving past hurts and conflicts, developing personal strength and aging readiness and experiencing the older person's full life.

work outside the family :

In the period before the industrial revolution most of the economic activities were done in the family, so there were no reasons for going out of family for work, in the days after the industrial revolution, economic activities took place outside the home. This growth has continued and it will the same.

2. who will make the young and old happy while the mature members of the household are in outside work? Secondly, the time when only the husband worked outside the family is over and these days the wife is also working for salary - outside the legal home. In addition, unmarried children are also working regardless of whether they are male or female. In addition to all this, those who are in highly salaried jobs are working more and more overtime hours unlike before.

Efforts to formulate social policy can also improve some forms of change

However, if such undertakes have an inner experience of the vagaries of family life, the stance they takes will be helpfull to substantial adapt to internal conditions families.

KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department :

SEMINAR

Topic : Approaches of modern political Analysis

NAME : Rajini. D.
U06DE21A0093.

COMBINATION : IInd B.A. [EP]

SEMESTER : IV Sem

DATE OF SUBMISSION : 25-7-2023

KUVEMPU UNIVERSITY

DESHEEYA VIDHYA SHAALA SAMITHI(R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga-577201

Academic Year 2023-24

Department : Political Science

SEMINAR DSC-7

Topic : Functions of Ancient Indian Institut

NAME : NISHATH FATHIMA

U06DEB1A00BE

COMBINATION : II BA [EP]

SEMESTER : 4th Sem

DATE OF SUBMISSION : 24/07/2023

D.V.S. COLLEGE OF ARTS SEIENCE AND COMMERCE COLLEGE SHIVAMOGGA

ACEDEMIC YEAR = 2022 - 23

DEPARMENT OF :- POLITICAL SEIENCE

SEMINAR :- DSC - 04

TOPIC :- Montegue - Chelmsford Act of [1919]

NAME :- MEHEK NAAZ
REG NO :- U06DE22A0127
COURSE :- Ist BA
SEMESTER :- IInd
COMBINATION :- [History / political]
SUBMITTED DATE :- 7/6/2023
SUBMITTED FROM :-

SUBMITTED BY :-
Department of political Science.

Mehek Naaz.
Ist B.A
IInd Sem

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AND COMMERCE - SHIVAMOGA.

DSC-4- SEMINAR COPY.

Name : Sonika. R

Subject : Political Science.

Reg.no : U06DE22A0096.

Combination : Political Science / History.

Date of submission : 07/07/2023

Topic : Quit India movement.
Civil [illegible]-obedience Movement.

Submitted by : Sonika. R.
1st B.A, II Sem.

Submitted to;-

Department of
Political Science.

D V S COLLEGE OF ARTS ,SCIENCE & COMMERCE

SHIVAMOGGA

[DEPARTMENT OF POLITICAL SCIENCE]

SUBJECT :- POLITICAL SCIENCE

SEMINAR ON :- Parliamentary questions

SUBMITTED BY

Yashwanth. B. G
II BA (HP)
U06 DE21A0061

SUBMITTED TO

DEPT OF POLITICAL SCIENCE

DATE OF SUBMISSION

14/02/2023

SIGNATURE

D.V.S. COLLEGE OF ARTS & SCIENCE
SHIMOGA - 577 201.

INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 15/7 Time : 11-12 Class : IInd year Sem : IInd sem

Topic : Flip-Flop

Speaker : Chandana. M.H.

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 5
2.	Communication Skill and Expression	: 5
3.	Use of Black Board	: 4
4.	Use of OHP / LCD	: —
5.	Interaction	: 4
	Total	: 18

Saggestions for Improvement : Need to convey the concept with examples.

S.D.
Signature of Teacher

Chandana.M.H
Signature of Student

D.V.S. COLLEGE OF ARTS & SCIENCE
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INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 19/7 Time : 12-1 Class : IInd BA Sem : IInd Sem

Topic : Mobile Communication

Speaker : Naveen.

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 5
2.	Communication Skill and Expression	: 4
3.	Use of Black Board	: 3
4.	Use of OHP / LCD	: –
5.	Interaction	: 3
	Total	: 15

Saggestions for Improvement : Need to Learn about the Concepts

S.D
Signature of Teacher

Signature of Student

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 24/7 Time : 12-1 Class : III rd year Sem : VI Sem

Topic : Monochrome T.V. Transmitter

Speaker : Aishwarya . H. S

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 5
2.	Communication Skill and Expression	: 4
3.	Use of Black Board	: 4
4.	Use of OHP / LCD	: -
5.	Interaction	: 5
	Total	: 18

Saggestions for Improvement : Need to improve Communication

S.D
Signature of Teacher

Aishwarya .H S
Signature of Student

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 26/7 Time : 3-4 Class : VIth Sem IIIrd Year Sem : VIth Sem

Topic : RADAR

Speaker : B. Anusha

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 5
2.	Communication Skill and Expression	: 4
3.	Use of Black Board	: 2
4.	Use of OHP / LCD	: –
5.	Interaction	: 5
	Total	: 16

Saggestions for Improvement : Need to use Black board for Explanation.

AHG
Signature of Teacher

Anusha.
Signature of Student

D.V.S. COLLEGE OF ARTS & SCIENCE
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INTERNAL QUALITY ASSURANCE CELL (IQAC)
STUDENT SEMINAR EVALUATION FORM

Date : 10/8/23 Time : 12.00 p.m Class : II B.Sc., Sem : IV Sem

Topic : Chemical Kinetics

Speaker : Rakshitha S.

Moderator : Sanditha R

Discussion :

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 04
2.	Communication Skill and Expression	: 03
3.	Use Black Board	: 03
4.	Use of OHP / LCD	: 03
5.	Interaction	: 03
	Total	: 16

Signature of Teacher

Signature of the HOD

Signature of Speaker

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 10/8/2023 Time : 12.00 p.m Class : II B.Sc., Sem : IV Sem

Topic : Molar conductance at infinite dilution

Speaker : Sayeeda Firdose

Moderator : Sowmitha R

Discussion :

Evaluation : (5 Marks Each)

1.	Subject Understanding	:	05
2.	Communication Skill and Expression	:	05
3.	Use Black Board	:	04
4.	Use of OHP / LCD	:	04
5.	Interaction	:	04
	Total	:	22

Signature of Teacher

Signature of the HOD

Sayeeda
Signature of Speaker

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DVS COLLEGE OF ARTS, SCIENCE & COMMERCE, SHIVAMOGGA

Department of Chemistry

SEMINAR

(Based on NEP-2020)

Name of the Student : Rakshitha S

Registration Number : U06DE21S0045

Semester &Course : *4th and BSc*

Academic Year : 2022-23

Assignment Topic : *INTRODUCTION OF CHEMISTRY KINETICS*

Assignment submitted to : *SAMHITHA BHARGAV R MAM*
DEPARTMENT OF CHEMISTRY

Date of submission :*10/08/2023*

10.8.23

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CHEMICAL KINETICS

Introduction.

'chemical kinetics' constitutes an important topic in physical chemistry. It deals with measurment of rates of reaction proceeding under given conditions of temperature, pressure and concentration. This study also helps in understanding mechanisms of chemical reactions.

Rate of a Reaction

Consider a simple hypothetical reaction of type

$$A \longrightarrow P$$

The rate of the reaction at any given time will depend upon the concentration of the reactant A at that time. As the reaction progress, the concentration of A keeps on falling with time. The rate of the reaction at any given instant is given by the Expression.

$$r = \frac{-dCA}{dt} \longrightarrow (1)$$

where $-dC_A$ is the infinitesimally small decrease in the concentration of A in an infinitesimally small Interval of time dt

From eqs ①

The concentration of the product P goes on increasing. Hence, the rate of the reaction can also be expressed in terms of increase in concentration of the product P. Thus

$$r = \frac{dCp}{dt} \longrightarrow ②$$

where, dcp is an infinitesimally small increase in the concentration of the product P in an infinitesimally small interval of time dt.

From eqs. ① and ②, $r = -\frac{dCA}{dt} = \frac{dCp}{dt}$

For a reaction of the type,

$$A + B \longrightarrow L + M$$

The reaction rate can be expressed as,

$$r = -\frac{dCA}{dt} = -\frac{dCB}{dt} = \frac{dCL}{dt} = \frac{dCM}{dt}$$

Consider a general reaction of the type,

$$aA + bB + cC \longrightarrow lL + mM + pD$$

The rate of such a reaction is expressed in terms of fall in concentration of a reactant permole or increase in concentration of a product permole Accordingly.

$$r = -\frac{1}{a}\frac{dCA}{dt} = -\frac{1}{b}\frac{dCB}{dt} = -\frac{1}{c}\frac{dCC}{dt} = \frac{1}{l}\frac{dCl}{dt} = \frac{1}{m}\frac{dCM}{dt}$$

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Kuvempu University

DESHEEYA VIDHYA SHAALA SAMITHI (R)

D V S COLLEGE OF ARTS AND SCIENCE

Shivamogga – 577201

Academic Year 2022 – 23

Department: Chemistry

Topic: Molar conductance at infinite dilution

NAME: Sayeeda Firdose

REG: U06DE21S0166

COMBINATION: PC

SEMESTER: IV

DATE OF SUBMISSION: 10/08/2023

STUDENT SIGN: Sayeeda Firdose

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Molar Conductance at infinite dilution

Molar Conductance:-

It is defined as the conducting power of all ions that are formed by dissolving a mole of electrolyte in a solution.

It is denoted by Λ_m or λ_m

$$\Lambda_m = K/C$$

where K is the specific conductance and C is the concentration in mole per litre.

Specific conductivity:-

It is the measure of the ability of an electrolytic solution to conduct electricity.

The S.I unit of specific conductivity is Siemen per meter represented as S/m.

In general, we define the specific conductivity of an electrolytic solution at any given conductance concentration as the conductance of one unit volume of solution that is placed between two platinum electrodes with the unit area of cross section.

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D.V.S. College of Arts, Science and Commerce - Shivamogga

Department of Chemistry

Seminar Report

Submitted by,

Mokshith Kumar. K.M.

Reg. No. U06DE21SC[illegible]

BSc. IV Semester (CM)

2022-2023

Submitted To,

Ms. Sowmya Malvina Bhargav

HOD, Department of Chemistry.

Submission Date : 10/08/2023

10.8.23

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Experimental determination of Kinetics of inversion of Cane Sugar by polarimetric method.

Cane Sugar is also called sugar cane. Sugar are biological compounds called biomolecules, and the name given for sugars is carbohydrates. The name given to carbohydrates as sugars in scientific terms is saccharides. Based on the number of saccharides unit present, sugars can be categorised into monosaccharides, disaccharides, polysaccharides.

Sucrose :-

Sucrose dissolved and separated into two unit of sugar, and hence it is a reducing sugar. Sucrose is a dextrorotatory compound with specific rotation $\alpha = +66.5$. Dextro rotation is the turning of plane polarised light in the clockwise direction by the compound in the polarimeter. Sucrose on hydrolysis becomes a strong (eg) rotatory compound.

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D.V.S College of Arts and Science, Shimoga.

Chemistry Seminar Copy.

Topic:- Determination of Transport Number.

Submitted By:-

Prema Patel Y.S.

U06DE21S0201

4th Sem

Bsc (CB)

Submitted To:-

Department of Chemistry.

[To:- Samhitha Ma'am]

10.8.22

*

Transport Number

During electrolysis the current carried by the anions and cations and the amount carried by each is proportional to its speed.

If u and v represent the speed of migration of the cation and anion then $\frac{u}{u+v}$ represents the fraction of current carried by the cation and $\frac{v}{u+v}$ represent the fraction of current carried by the anion and is called its transport number. It is denoted by symbols like t_+ and t_-

Hence

Transport number of cation (t_+) = $\frac{\text{Current carried by the cation}}{\text{Total current}}$

Transport number of the cation $(t_+) = \frac{u}{u+v}$

Transport Number

Transport number of cation (t_+)

$$t_+ = \frac{u}{u+v}$$

factor affecting differences in electrical mobility environmental

variation of transpor with conc va of transport with temp va of tr num with electrolyte

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D.V.S College of Arts, Science and Commerce

Shimoga.

Seminar Copy

Department of chemistry.

Topic: Application of conductance measurement

From,

Nithyashree

IInd B.S.C IVth Sem

U06DE21S0067

10-8-23

To,

Samhitha Mam

Department of chemistry

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Applications of conductance Measurement

① Determination of Dissociation constant of a weak Electrolyte

The degree of dissociation constant of a weak electrolyte at any dilution can be calculated by the following relationship.

$$A \rightarrow B + C$$

$$Kd = \frac{[B][C]}{[A]}$$

$$\alpha d = \frac{\lambda m}{\lambda^{\circ} m_{\infty}}$$

where, α = Degree of dissociation

λm = Molar conductance

$\lambda^{\circ} m_{\infty}$ = Molar conductance at infinite dilution

The ability of a substance to conduct electricity (dissociation constant)

The rates of concentration of dissociated ions to the concentration of original

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SHIMOGA - 577 201.

INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 28/1/2023 Time : 12-1 Class : I B.Sc Sem : II sem

Topic : Blood pressure and its regulation

Speaker : Darshan R.B.

Moderator : Prithvi K.J.

Discussion : Disscused about the normal BP and what is stress?

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 01
2.	Communication Skill and Expression	: 01
3.	Use Black Board	: 02
4.	Use of OHP / LCD	: 02
5.	Interaction	: 02
	Total	: 08

K.J.P

Signature of Teacher

N. Kumaraswamy M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

Signature of the HOD

Signature of Speaker

Darshan.R.B

D.V.S. COLLEGE OF ARTS & SCIENCE
SHIMOGA - 577 201.
INTERNAL QUALITY ASSURANCE CELL (IQAC)
STUDENT SEMINAR EVALUATION FORM

Date : 28/07/23 Time : 12-1 Class : I B.Sc Sem : II Sem

Topic : Nucleotides and nucleic acid

Speaker : Soujanya GD

Moderator : Pruthvi K.J.

Discussion : Discussed about the improvements in Computer usage.

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 01
2.	Communication Skill and Expression	: 01
3.	Use Black Board	: 01
4.	Use of OHP / LCD	: 02
5.	Interaction	: 02
	Total	: 07

K.J.P
Signature of Teacher

N. Kumaraswamy M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.
Signature of the HOD

Soujanya.M
Signature of Speaker

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D.V.S. COLLEGE OF ARTS & SCIENCE
SHIMOGA - 577 201.

INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 9/8/23 Time : 10-11 Class : I B.Sc Sem : II Sem

Topic : Thyroid gland.

Speaker : Pranathi C.V. Nadig

Moderator : Gowrishree H.O

Discussion : Discussed about the improvements

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 02
2.	Communication Skill and Expression	: 01
3.	Use Black Board	: 02
4.	Use of OHP / LCD	: 02
5.	Interaction	: 02
	Total	: 09

Gowrishree. H.O
Signature of Teacher

Signature of the HOD

N. Kumaraswamy M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

Signature of Speaker

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D.V.S. COLLEGE OF ARTS & SCIENCE

SHIMOGA - 577 201.

INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 25/7/23 Time : 3-5 Class : IB.Sc Sem : II Sem

Topic : Chemical basis of muscle contraction

Speaker : Deekshitha E.N.

Moderator : Prathvi K.J.

Discussion : Discussed about properties of muscles.

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 01
2.	Communication Skill and Expression	: 01
3.	Use Black Board	: 02
4.	Use of OHP / LCD	: 02
5.	Interaction	: 02
	Total	: 08

Signature of Teacher

K.J.P

Signature of the HOD

N. Kumaraswamy M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

Signature of Speaker

Deekshitha.E.N

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SHIMOGA - 577 201.
INTERNAL QUALITY ASSURANCE CELL (IQAC)
STUDENT SEMINAR EVALUATION FORM

Date : 26/7/23 Time : 1-2 Class : I B.Sc Sem : II Sem

Topic : Structure of Kidney.

Speaker : Ilmiya Kouser

Moderator : Prithvi K.T.

Discussion : Discussed about usage of board.

Evaluation : (5 Marks Each)

1. Subject Understanding : 02
2. Communication Skill and Expression : 01
3. Use Black Board : 02
4. Use of OHP / LCD : 02
5. Interaction : 02

Total : 09

Signature of Teacher

N. Kumaraswamy, M.Sc., M.Phil.,
Signature of the HOD
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA

Signature of Speaker
Ilmiya Kouser

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D.V.S. COLLEGE OF ARTS & SCIENCE

SHIMOGA - 577 201.

INTERNAL QUALITY ASSURANCE CELL (IQAC)

STUDENT SEMINAR EVALUATION FORM

Date : 26/1/2023 Time : 1-2 Class : I B.Sc Sem : II Sem

Topic : Blood groups.

Speaker : Sakeena Shafi B.

Moderator : Prithvi K.J.

Discussion : Discussed about blood related diseases and problems.

Evaluation : (5 Marks Each)

1.	Subject Understanding	: 02
2.	Communication Skill and Expression	: 02
3.	Use Black Board	: 02
4.	Use of OHP / LCD	: 02
5.	Interaction	: 02
	Total	: 10

Signature of Teacher

K.J.P.

Signature of the HOD

N. Kumaraswamy, M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

Signature of Speaker

Sakeena

Subject: Dot Net

Topic: Inheritance (has-a Relationship base, Sealed classes)

Conducted By: Priyanka. G.M. Date: 18/07/22

Speaker: Vidyashree. Time: 11 - 12:30

Sl No	Name	Signature	Remarks
01	Tasmiya Kouser	Tas iya	Good.
02.	Priyanka K.R	Priyanka K.R	Good.
03.	Akshatha. M.	Akshatha. M	Good.
04.	Anusha. B	Anusha	Good.
5.	Tejaswini S Sindhe	Tejaswini S Sindhe	Good.
6.	Ishwana. N.P	Ishwana	Good
07.	Sumana K.M	Sumana	Good
08.	Kavya. V	Kavya	Good
09.	Sneha. K.M	Sneha	Good
10.	Sahana. V.K	Sahana	Good
11.	Sumidhi. H.A.	Sumidhi	Good.
12.	Kavana. H.M.	Kavana	Good
13.	Bhumika. U.P.	Bhumika. UP	Good.
14.	Nayana. H.M.	Nayana	Good
15.	Sangeetha. S	Sangeetha	Good
16.	Ramya. S.O	Ramya. S.O	Good
17.	Pooja. V	Pooja. V	Good
18.	Rachana. G.H	Rachana	Good
19.	Abhay. R.S	Abhay	Good.
20	Abhilash. J	Abhila	Good.
21	Alphin charle.	Alphin	Good.
22.	Kanthik. S	Kanthik	Not Bad.
23.	Meghana. M	Meghana M	Good
24.	Soundarya. B	Soundarya. B	Good
25.	Vishwitha B.P	Vishwitha	Good
26.	Jeevitha. B	Jeevitha	Good
27.	Suman. S	Suman	Good.
28	Rakshitha. L	Raksh	Good

S. No	Name	Signature	Remarks
29	Bhoomika KM	Bhoomika KM	Good.
30	Chandana. K. L	Chandana. K L	Good
31	Sahana Nanon	Sahana Nanon	Good.
32	Keerthana. N	Keerthana. N	Good
33	Harshitha. Kamath	E Kamath	Excellent
34	Sowmyashree S Talawar	S Talawar	Good.
35	Harshitha M	Harshitha	Good
36	Abhishek S	Abhishek. S	!= Bad;
37	Akash. V	[illegible]	Good
38	Vinay HN	Vinay HN	Excellent
39.	Prajwal. D. Jadhav	Prajwal. D. J	Good.
40	SOORAJ. H. R	Sooraj. H. R	Good
41	Yashwanth. K. L	[illegible]	Good.
42	Prutham KP	[illegible]	NOT-Bad
43	Karthik. C	[illegible]	Good
44	Pradeep. S	Pradeep. S	Good
45	Sumukh Puranik	Sumukh Puranik	Good
46	Darshan. T. B	[illegible]	good.
47	Harsha. D S	Harsha	Good

Subject: AJAVA

Topic: Type-1 & Type-2 Doivers

Conducted By: Priyanka. G.M — Date: 07/07/23

Speaker: Vindhya, Chandana — Time: 10-11 AM

Sl No	Name	Signature	Remarks
1.	Vindhya H.G	Vindhya H.G.	Better.
2.	Pushpa. G.S	Pushpa	Good.
3	Rakshitha. G	Rakshitha. G	Good
4	Soundarya B.	S	Good.
5	Sahana. B.K.	Sahana. B.K.	Good
6	Sahana RK	Sahana RK	Good
7	Monisha. D.K	M	Good
8.	Preethi. S	S. preethi	Good.
9.	Poojyanka B.S	Pooja B.S	Good.
10.	Sahana. K.S	Sahana. KS	Good
11.	Pushpalatha A	pushpalatha A	Good
12	Aishwarya. K	Aishwarya K	good.
13	Muktha. S.K	Muktha SK	Good.
14	RakshithaRR	R Rakshith	good.
15	Archana. S	Archana S	Good.
16	Tejaswini. B.	Tejaswini	Very good.
17	Sinchana. K.N.	Sinchana	Very good.
18	Akshatha. B.E	Akshatha	very good
19	Anvitha. L.S	Anvitha	Excellent
20	Bhavana. R.S	Bhavana. RS	Very good.
21	Sinchana. B.R	Sinchana	Good.
22	Chethana. S. Barve	Chethana S	Good.
23	Kavya. R	Kavya R	Good
24	Bhoomika. MN	Bhoomika	Good
25	Anjali. B	Anjali. B	Good
26	Ankitha. B	Ankitha. B	Very good
27	Sahana. M	Sahana. M	Good
28	Chandana B.N	Chandana	Worthy
29	Agasthya SR	Agasthya	Good

Sub: ATJAVA

Topic: Type-3 & Type-4 Derivers

Date: 08/06/23 Conducted By Priyanka G.M.

Time: 9-10 AM Speaker: Nishrutha and Ananya

Sl No	Name	Signature	Remarks
01	Bhoomika.MN	Bhoomi	Good
02	Chandana B.N	Chandu	Good
03	Anjali.B	Anjali.B	Good
04	Kavya.R	Kavya	Good
05	Sinchana B.R		V.good
06	Bhavana.R.P	Bhavana.R.P	Excellent.
07	Varun patil.SR	Varun	Excellent.
08	Darshan G.E	Darshan	Excellent
9	Agasthya.S.K	Agas	Good
10	Pushpa.G.S	Pushpa	Excellent
11	Sahana.RK	Sahana	Best
12	Soundarya B.	S	Excellent.
13	Monisha D.K	M	Excellent
14	Muktha SK	Muktha	Excellent
15.	Sahana.KS	Sahana.KS	Good
16	PriyankaBS	PriyankaBS	Good.
17	Vindhya H.G.	Vindhya.	Best
18	Preethi.S	S preethi	Good.
19	Akshatha B.E	Akshatha	very good
20	Anvitha L.S	Anvitha	Excellent
21.	Ananya.Bhat.S	Ananya	very good
22.	Sanchitha Jain H	Sanch	Good.

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Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201, Karnataka State

Department of Commerce

Seminar Topic

On

Income from other Sources

Subject: Income Tax-II

Submitted By:

Name: Yamuna L.P

Class: III B.COM (VI Semester)

D.V.S.College of Arts, Science & Commerce, Shimoga

Submitted To:

Rashmi M

Assistant Professor

Department of Commerce

D.V.S.College of Arts, Science & Commerce, Shimoga

11/7/2023

2022-23

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1. Write a Note on Annual Value

→ The annual value of Property is the sum for which a property is reasonably expected to be let from year to year. Hence, the annual value of a property is the amount of notional rent which could have been derived had the Property been let.

There are 2 types of Annual Value :-

1. Gross Annual value. 2. Net Annual value.

1. Gross Annual value :-

Gross annual value is the current value the Actual Rent or the fair Rental value, whichever is highest or which the property might be expected to attract on the open market in ideal circumstances where there is neither a glut nor a shortage of accomodation. NAV = GAV less Municipality tax paid by the owner.

2. Net Annual Value :-

Net Annual value is the rent at which the property might reasonably be expected to let on a year to year basis on the assumption that the tenant is responsible for repairs and insurance and any other expenses necessary to maintain the property in a state to command the Rent. NAV can give you financial advice if you have payment or Debt Problems.

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2. Write a Note on PAN

→ PAN Means, Permanent Account Number. PAN is a unique 10- digit alphanumeric number issued by the income tax Department to indian taxpayers. The Department records all tax - related transactions and information of an individual against his unique permanent account number.

The Important Benefits of PAN card are as follows :-

1. Helps to Start a Business
2. Deduction in taxation
3. opening a Demat Account or Bank Account
4. Income tax Return Filing
5. Investing and purchasing RBI Bonds or Insurance
6. Buying Foreign Currency
7. Transaction of listed or unlisted Securities.

The limit of PAN card as 1 lakh per transactions. Sale or purchase of any immovable property for an amount exceeding ₹ 10 lakh or valued by stamp valuation authority refered to in section 50 C of the Act at an amount exceeding ten lakh rupees. And there are two types of PAN card form that is, Form 49 A and Form 49 AA.

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3. Write Any 25 Incomes which are taxable under the head income from other Sources.

→ 1. Dividends
2. Interest on Securities
3. Bank interest on Fixed Deposits
4. Casual Income
5. Income from family pension
6. Composite Rent
7. Income from Subletting
8. Rental income from Machinery, plant & Furniture
9. Gifts
10. Insurance Commission
11. Deemed Incomes
12. Mining Rent / Royalties / Ground Rent
13. Withdrawal from National Saving Scheme
14. Agriculture income from a palace outside india
15. Directors fees & Commission
16. Salaries Received by a Member of parliament & MLA & MLC
17. Rent from land
18. Examination fees Received by a teacher.
19. Remuneration received for writing short stories.
20. Honorarium for checking answer Book.
21. other incomes.
22. Winnings from lotteries.

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23. Winning from races
24. Income from Crossword puzzles.
25. Horse Race etc.

4 Write a Note on Annual Value of let out property.

→ The Annual value of a Property is the sum for which a property is reasonably expected to be let from year to year. Hence, the annual value of a Property is the amount of Notional rent which could have been derived, had the property been let. 30% of Net annual value of the house property is allowed as deduction of property is let-out during the previous year b) In Respect of self-occupied residential house Property. Interest incurred on capital borrowed for the purpose of acquisition or Construction of house Property shall be allowed as deduction up to ₹. Income from Deemed let out property is calculated as per the following steps:-

1. Calculate Gross Annual Value (GAV)
2. Deduct Municipal Taxes
3. Calculate Net Annual Value (NAV)
4. Claim Standard Deduction of 30%
5. Deduct Interest paid on home loan under section 24 (b).

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5. Difference Between Long term Capital gain and Short term Capital gain

→

Sl No	Basis	Long term Capital gain	Short term Capital gain
1	Type of Investment	Long term Assets Investment	Short term Asset Investment
2	Asset class	Stock / Debt / Real Estate / Gold	Stock / Debt / Real Estate / Gold
3	Equity Assets.	Equity Assets holding period > 1 year	equity Assets holding period < 1 year
4	Equity taxation	10% (Exempted up to ₹ 1 lakh)	15%
5	Debt/Bonds	Debt / Bonds holding period > 3 years	Debt / Bonds holding period < 3 years
6	Debt taxability	20% (with Indexation Benefit)	As per the Income Tax slab.
7	Real Estate	Assets / property held > 2 years	Assets / property held < 2 years.
8	Real estate Tax	20% (with Indexation Benefit)	As per the Income tax slab.
9	Gold holding period.	> 3 years	< 3 years
10	Tax on Gold	20% (with Indexation Benefit)	As per the Income Tax slab.

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6. Explain the Set off and Carried Foward of loss.

→ Loss under the head "profits and gains of business or profession" can be crossed forward only if the return of income / loss of the year in which loss is incurred is furnished on or before the due date of furnishing the return, as prescribed under section 139(1). Set off of losses means adjusting the losses against the profit or income of that particular year. Intra-head set off :- The losses from one source of income can be set off against income from another source under the same head of income. for eg:- loss from Business A can be set off against profit from business B. Where Business A is one source and Business B is another source & the common head of income is "Business". Exceptions to an intra-head set off :- * loss from an activity of owning & maintaining race-horses will be set off only against the profit from an activity of owning and maintaing race-horses. * losses from long term capital loss will only be adjusted towards long-term capital gains. However, a short-term capital loss can be set off against both long-term capital gains and short-term capital gain.

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D.V.S College of Arts, Science & Commerce

Department of Commerce

Subject : Business Mathematics

Seminar topic : Area of equation

Submitted by

Name : Rakshitha.K

Reg NO: U06DE22C0010

Class : I Year Bcom

D.V.S College of Arts, Science and Commerce

Submitted to

Dr. Chandrashekharappa. U

Assistant professor

Department of Commerce

D.V.S College of Arts, Science and Commerce

Date of Submission : 10-08-2023

Rakshitha.K

Signature of the student

Signature of the teacher incharge

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INTRODUCTION

In mathematics, an equation is a mathematical statement consisting of expression, Variable and a Constant Value which are related with a mathematical symbol of equality. The relation describes that two amongst are equal. The study of those equations using mathematical principles and procedures are called as theory of equations.

The equations are solved to find the Variables [unknown Values] with the help of parameters [unknown Values].

Ex : $4x + 5 = 25$

Here, The expressions $4x + 5$ [LHS] is equal to the Constant Value 25 [RHS]

Any Value of x which statistics the equation is called a root of the equation and the determination of all possibles roots ~~Considers~~ the complete solutions of the equation.

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The different types of equation are as follows

1) Linear equation
2) Quadratic equation
3) polynomial equation
4) Exponential equation
5) Trignometric equation
6) Radical equation
7) Rational equation

- Linear equation

An equation consisting of a variable with highest exponent [Power] one is called a linear equation. It is in the form of $ax+b=c$. Here an equation may consist 1, 2 or 3 variables.

Ex : Linear equation with one variable $2x+4=12$

Linear equation with two variable $x+2y=6$

Linear equation with three variable $x+y+z=0$

NOTE : Degree of linear equation is 1.

- Simultaneous equation

Two or more equations that involves two or more variables are called as simultaneous equations with 1 degree of variables are called simultaneous linear equation. Can solved by using any of the following methods

1) Elimination method
2) Substitution method
3) Cross multiplication method.

- Elimination method

Here any variables of the given equations should be equalised by multiplying with the corresponding co-efficient to find the values of x and y.

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Quadratic equation

An equation consisting of a variable or variables with highest exponent [power] two is called as quadratic equation. General form of Quadratic equation is $ax^2+bx+c=0$.

There are two types of Quadratic equation.

1) pure Quadratic equation 2) Adfected Quadratic equation

pure Quadratic equation

A quadratic equation of the form $ax^2+c=0$ or $ax^2=c$

Adfected quadratic equation

A quadratic equation of the form $ax^2+bx+c=0$ or $ax^2+bx=c$

Formula method : Solutions of a Quadratic equation $ax^2+bx+c=0$

$$x = \frac{-b \pm \sqrt{b^2-4ac}}{2a}$$

Here, the roots [x values] of the equation it is also known as shridaracharya formula method

Applications of linear equations in buriness

Linear equations can be used to explain linear cost function, linear revenue function, linear profit function and linear supply and demand function.

Application of Quadratic equation in Buriness and economics

Quadratic equation are widely used in science, buriness and economics. Quadratic equations a commonly use situations where two things are multiply together and they both depend on the same variable.

For ex: Quantity of a product sold after depends on the crisis. we use a quadratic equation to represent revenue as a product of the price and quantity sold.

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Department of Commerce

Seminar Topic

On

Indian Contract act-1872

Subject: Business Regulatory Framework

Submitted By:

Name: Vinay H.B

Class: II B.COM (IV Semester)

D.V.S.College of Arts, Science & Commerce, Shimoga

Submitted To:

Rashmi M

Assistant Professor

Department of Commerce

D.V.S.College of Arts, Science & Commerce, Shimoga

13/7/2023

2022-23

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I Answer the following questions

1) An agreement Enforceable by law is

Ans. 3) A Contract

2) The act relating to the sales of goods is called

Ans:- 1) the sale of goods Act, 1930

II

3) Explain three essential of valid Contract

—) ① offer
② Acceptance
③ Consideration

① Offer :- An offer is an expression of willigness to Contract on certain terms in exchange of money made with the intention and will be binding upon acceptance to whom it is addressed.

② Acceptence:

Acceptence is another necessary elements for a valid Contract. Acceptence comes into place after the offer is presented, where the offerce can decide wheather the accept the offer or not.

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③ Consideration :-

An Agreement without Consideration is void. Consideration must be real. It might be service money.

III

Explain the elements of free Consent.

① Coercion :- Under Section 15. coercion means using force to Compel a person to enter into a contract. So force or threats are used to obtain the Consent of the party under Coercion

② Undue Influence :- Section 16. of the Act. Contains the definition of undue influence. It states that when the relations between the two parties are such that one party is in a position to dominate the other party. and uses such influence to obtain and unfair advantage of the other party it will be under influence

③ fraud :- Under Section 17. fraud means decect by one of the parties. i.e when one of the parties deliberately makes false statements.

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(4) Misrepresentation :- Under Section 18, misrepresentation is also when a party make a representation is that is false. inaccurate, incorrect etc, the difference here is the misrepresentation is innocent i.e not intertional

(5) Mistake :-

Mistake is not defined in the Indian Contract Act Section 20, 21, & 22 deals with the Concept related to mistake, 'mistake can be defined as any action, decision and Judgement that producet an unwanted and unintentional result.

Q 5) What is Contract ? Discuss the essentials of a valid Constract.

(1) offer :- An offere is an expression of willigness to contract on certain terms in exchange of money made with intention and well be binding upon acceptence to whom it is addressed the person who make offere is called offeror and the person whom offer is made called offerece

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② Acceptence :

Acceptence is another nessary element for a valid Contract. Acceptance comes into place after it presented. where the ofference can decide whethere the accept the offer. or not

③ Consideration :

An agreement without Consideration is vaid. Consider-ration must be real. It might be service or money. For example. 'A' promises to pay ₹ 4 lakhs to 'B' to buy the Car

④ Free Consent :

According the section 10 of the Contract Act 1872 a Contract is vaid of it was entered into by free Consent of parties, when a Contract is made Consent should be there and it should be given by free will without any Compulsion.

⑤ Capacity :

Capacity of person meanig there who are parties Competent to enter into a Contract. it is another important element of Contract. the people should be aware of terms and Conditions of Contract

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(6) legality :- It plays vital role in Contract A Contract for illegal activity cannot be applied by law. All Contracts are subject to the laws and their Jurisdiction.

(7) melting of minds :- this phrase means that parties entering into contract are intended and willing to enter into a lawful agreement by their own will.

(8) possibility of performance of agreement :-
In this case, Suppose two people decide to undergo an agreement where person A agreed to bring person B's dead relatives back to life. this will not fall under the legal Contract.

(9) legal formalities :-
An oral Contract is a perfectly valid Contract, except in those cases where writting registration etc

(10) Agreement not expressly declared void :-
the agreement must not have been declared to be expressly void. Agreement mentioned in Sectionary 24 to 30 have been expressly declared to be void

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6) define Contract of sale ? explain the essentials of Contract sale in detail

—>

1) seller and buyer (section 29(10 to 13)):

there must be a seller as well as a buyer. "Buyer" means a person who buys or agrees to buy goods [section 29(10)]. Seller means a person who sells or agree to sell goods

2) Goods [section 2(7)]:

there must be some goods. "Goods' means every kind of movable property other actionable claims and money includes stock and shares. growing crops, grass and things attached to be forming part of the land which are agreed to be severed before sale or under the Contract of sale.

3) Transfer of property [section 2(11)]:

property means the general property in goods and not merely a special property. General property in goods means ownership of the goods special property in goods means possession goods. there there must be either a transfer of ownership

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4) Price [Section 2(10)]:

There must be price 'price' means the money Consideration for a sale of goods. when the Consider-ation is only goods, It amounts to a barter and not sale. where is no consideration, it amount to gift and not sale.

5) Essential elements of valid Contract (Section (2(10))

In addition to the aforesaid Specific essential elements. all the essential elements of a valid Contract Act, 1872 must also be present since a Contract of sale is a specific type of a Contract.

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Shimogga.

Seminar Copy.

Topic: Liquidation of Companies

Subject: Advanced Corporate Accounting.

Submitted By:-
Sharadhi. V.S.
IInd BCom [IV Semester]
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D.V.S. College of Arts, Science and Commerce
Shimogga.

Submitted To:-
Dr. Chandrashekarappa. U.
Department of Commerce
D.V.S. College of Arts, Science and Commerce
Shimogga.

Submission Date: 06/07/2023

Student Signature

Lecturer Incharge Signature.

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Meaning of liquidation:-

Liquidation are the winding up of a Company means the termination of the legal existance of a Company under such circumstances the assets of the Company are disposed of and the debts are paid.

Types of winding up:-

There are 3 types of liquidation of Company.

A. Compleusary winding up by the Court

B. Voluntary winding up.

(i) members voluntary winding up

(ii) Creditors voluntary winding up.

C. voluntary winding up under the supervision of Court.

A. Compleusary Winding up

It Can take place when the Company is directed to be wound-up order of Court.

Grounds for Company winding up.

1. If the Company has by special resolution, resolved that the Company be wound up by the Court.

2. If a default is made in delivering the statutary report of the register of Companies or in holding the statutary meeting of the Company.

3. If the Company does not Commence its business within a year from its incorporation or suspends the business for a whole year.

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4. If the number of members falls below seven in case of a public Company or below two in case of a private Company.

5. If the Company is unable to pay the debts.

6. If the Court is of the opion that it is just and equitable that the Company should be wound up.

B. Voluntary Winding Up:-

A Company can be wound up valentary under the following circumstances.

1. By an ordinary resolution.

a. Where the duration of the Company was fixed by the articles and the period expired and.

b. Where the articles provided for winding up on the occurance of any event and the supplied event has occured

2. By a special resolution.

Types of voluntary winding Up:-

1. Members voluntary winding up.

2. Creditors voluntary winding up.

C. Voluntary winding up under the supervision of Court:-

At any time after a Company has passed a resolution for voluntary winding up the Court maker an order that the voluntary winding up shall continue.

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Liquidator's Final Statement of Account:-

1. Secured Creditors (loan against a property to the extent of secured)
2. legal Expenses.
3. liquidators remuneration.
4. Payments to debenture holders and other Creditors having floating charge on the assets.
5. Payment to be preferential Creditors.
6. Payment Unsecured Creditors.
7. Calls in advance, if any.
8. Arrears of dividends on cumulative preference shares
9. Amount due to preference shareholders.
10. Amount due to equity shareholders.

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The form of liquidator's Final Statement of account is given below.

Name of the Company.

Liquidator's Final Statement of Account.

Recipits	Amt	Payments	Amt
Cash in hand	XXx	Secured Creditors.	XXX
Cash at Bank	XXX	legal charges.	XXX
		liquidators remumaration	XXX
Asset realised :-		Debentures holders :-	
marketable securities	XXX	o/s interest on debentures	XXX
B/R	XXX	Debentures.	XXX
Trade debtors	XXX	Preferential Creditors.	XXX
loans and advances	XXX	Unsecured Creditors.	XXX
Stock in trade	XXX	Calls in advances if any	XXX
work in progress	XXX	preference shares	
land and building	XXX	Preference share Capital	XXX
Plant and machinary	XXX	Equity shareholders	XXX
Furniture and fixtures.	XXX		
Patents, trades.	XXX		
Investment	XXX		
Surplus realised from	XXX		
secured Creditors.	XXX		
Calls in arrears.	XXX		
Amount recived from Cash on shares	XXX		
	XXX		XXX

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Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201, Karnataka State

Department of Commerce

Seminar Topic

On

Introduction to Banking

Subject: Law and Practice of Banking

Submitted By:

Name: Sajay P

Class: I B.COM (II Semester)

D.V.S.College of Arts, Science & Commerce, Shimoga

Submitted To:

Rudresha C.E

Assistant Professor and Head

Department of Commerce

D.V.S.College of Arts, Science & Commerce, Shimoga

2022-23

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Introduction to Banking

Bank is a financial institution which collects money from the public in the form of savings and deposits. The accumulated money is distributed by the way of loans and advances to the needy persons in various fields such as agriculture, industries, commerce etc....

Functions of Bank:

A. Primary Functions of Bank:

The primary functions of a bank are also known as Banking function. They are the main function of a Bank. These primary functions of banks are Explained below:

1) Accepting deposits:

The bank collects deposits from the public. These deposits are different types.

a) Savings deposit:

This type of deposit encourages saving habits among the public.

b) Fixed deposit:

The lump-sum amount is deposited at one time for a specific period.

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a) Current deposit:

This type of account is operated by businessmen, withdrawals are freely allowed.

b) Recurring deposit:

This type of account is operated by salaried persons and petty traders.

2) Granting of loans and advances:

The bank advances loans to the business community and other members of the public. The rate charged is higher than what it pays on deposits.

a) Overdraft:

This type of advance is given to current A/c holders. No separate account is maintained.

b) Cash credits:

The clients is allowed cash credit up to specific limit fixed in advance.

c) Loans:

It is normal for the short term say one year or medium term, say five years.

d) Discounting of Bill of Exchange:

The Bank can advance money by discounting or by purchasing bills of exchange.

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3. Secondary Functions of Banks:

1) Agency Functions:

The Bank acts as an agent of its Customers.

a) Transfer of funds:

The bank transfers funds from one branch to another or from one place to another.

b) collection of cheques:

The Bank collects the money of the cheques through the clearing section of its Customers.

c) Periodic payments:

On standing instructions of the client, the bank makes periodic payments in respect of electricity bills, rent, etc.

d) Portfolio Management:

The banks also undertake to purchase and sell the shares and debentures on behalf of the clients.

e) other Agency functions:

They act as trustees, executors, advisers and administrators on behalf of its clients.

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2) General utility Functions:

The bank also performs general utility functions such as:

a) Issue of drafts and letter of credits:

Banks issue drafts for transferring money from one place to another.

b) locker facility:

The bank provides a locker facility for the safe custody of valuable documents, gold ornaments and other valuables.

c) underwriting of shares:

The bank underwrites shares and debentures through its merchant banking division.

d) Dealing in Foreign Exchange:

The commercial banks are allowed by RBI to deal in foreign Exchange.

e) other utility Functions:

It acts as a refree to the financial standing of customers. It collects credit worthiness information about clients of the customers.

These are the functions of Banking.

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Movie Screening

32 Date : 15/07/2022
Venue : Room No - 15
Time : 2 PM.
Movies Screened : Train to Pakistan
Directed by

Sl No	Name	Class	Signature
01.	Khushi	IBA (OE.H)	Khushi.
02.	Vanitha.H	IBA (OE.H)	Vanitha.H.
03	Ramya.m.	IBA (OE.H)	Ramya.m.
04	Noor Noushin	IBA (OE.E)	Noor Noushin
05	Mahenaz Syeda	IBA (OE.E)	M.Sayeda
06	BI BI.KHUTEJA	IBA (OE.H)	Khuteja
07	Sri Vidya S	IBA (OE.H)	Sri Vidya S
08	Ramya.G.P.	IBA (OE.H)	Ramya.G.P.
09	Leela.R	IBA [OE.E]	Leela.R
10	Kavya SG	IBA [OE.E]	Kavya SG
11	NAMRATHA.C	IBA [OEH]	Namratha.C
12.	Chithra k.P	IBA [OE.E]	Chithra k.P.
13.	Nakshitha S.N	IBA [OE.E]	Nakshitha S.N
14	Deekshitha S.G	IBA [OE.E]	Deekshitha
15	Meghana.C.T.	IBA [OE.E]	
16	Bhavana G.K	IBA [OE.E]	Bhavana G.K.
17	Sushmitha	IBA [OE.E]	Sushmitha
18	Swathi.H	IBA [OE.E]	Swathi.H
19	Supritha.S	IBA [OE.E]	Supritha.S.
20.	Ranjitha B.H.	IBA (OE.E)	Ranjitha
21	Sahana.K.B	IBA (OE.E)	Sahana
22	Ranjitha H.S	IBA (H.OE)	Ranjitha H.S.
23.	Nagaveni H.P.	IBA (H.OE)	Nagaveni H.P.

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Sl No	Name	Class	Signature
24	Mahalakshmi. S	I BA (OE.E)	mahalakshmi
25	Likitha G.R	I B A (OE E)	Likitha G.R
26	KAVANA B.D	I B.A [OE.E]	
27	YASHASWINI JADAV. SH	I BA [OE.E]	
28	K.M. Bhanupriya.	I BA (OE)	
29	Harsha R.C	I BA [O.E]	Harsha R.C
30	Adarsha. P.A	I BA (OE)	Adarsha
31	Keshav. Gorpade	I BA (OE)	Keshav. S.G.
32	Jnanesh K.C.	I BA (OE)	Jnanesh
33	Ganesh R.L	I BA (OE)	Ganesh
34	SURAJ	I BA (OE)	Suraj
35	Krishna Murthy. N.V	I BA (OE)	Krishnamurthy
36	Sampath S N	I BA (OE)	Sampath
37	Shaik Maidin	I B.A [OE]	
38	Pratheek. S. Kasegar	I B.A [OE]	Pratheek
39	Yuvaraj. Naik. M	I B.A [OE]	
40	Bahaan. M.	I BA [OE]	
41	Mohammed Ghouse	I BA (OE)	
42	Barkath ulla SH.	I BA [OE]	

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40

Date : 10/12/2022
Venue : Room No 15.
Time : 12:20 Pm.
Movies Screened : ICE AGE. Part. II.

Sl No.	Name.	Class.	Signature.
1.	Zoya Taskeen.	H.E.E	Zoyataskeen.
2.	Husna Tabassum.	H.E.E	Husna Tabassum
3.	Hafeeza Unnisa.	H.E.E	Hafeeza
4.	Spoorthi. D.M.	H.E.E	Spoorthi
5.	Rakshitha. M.R.	H.E.E	Rakshitha
6.	vaishnavi. A.G.	H.E.E	Vaishnavi AG
7.	Ranjitha. R	H E E	Ranjitha. R
8	Abhinya A.	H.E.E	Abhinya
9.	Gouthami. MR	H E E	Gouthami MR
10.	Apoorva. S R	H E E	Apoorva
11.	Radhika. P	H E E	Radhika P
12	Arpitha G.R	H E E	Arpith
13.	Shrunga. K.S	H E E	Shrunga. K.S
14.	Sharanya. H.K	H E E	Sharanya H.K
15.	Sambrama. H.S.	H E E	Sambrama
16.	Rashmi. P	H E E	Rashmi. P
17.	Sinchana. M.B	H E E	Sinchana. M
18	Shaheena Banu	III BA(H E E)	
19	Hamsa Aaradhya D S	III BA [H E E]	Hamsa
20	Saniya Khanum Afridi 7	III BA [H E E]	Saf
21	Rijania	III BA [H E E]	R
22	Josline Helen Tellis	III BA [H E E]	
		III BA [H E E]	

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24]	Darshan. G	III BA [HEE]	
25]	Lohith. Y	III BA (HEE)	
26]	Rahul P	III BA (HEE)	Rahul P
27]	Sachin. M	III BA (HEE)	Sachin. M
28]	Gurukiran. N	III BA (HEE)	
29]	MOHAMMED GHOSE	II BA (HOE)	
30]	Bahaar Mohammed	II BA [HOE]	
31]	H. Hanif	II BA (HOE)	
32]	Yuvaraj. Naik. M	II BA (HOE)	
33]	Barkath ulla SH	II BA (HOE)	
34]	Shaik Maiden	II BA (HOE)	
35]	Sampath SN	II BA (HOE)	Sampath
36]	Ganesh R L	II BA (HOE)	
37]	Harsha R.C	II BA [HOE]	
38]	Jnanesh	II BA [HOE]	Jnanesh
39]	Keshava K	II BA [HOE]	Keshav
40]	Vanitha. H	II BA [HOE]	Vanitha. H.
41]	Ramya. m	II BA [HOE]	Ramya. m.
42]	Khushi.	II BA [HOE]	Khushi.
43]	Kavana. B. D	II BA [HOE]	Kavana. B. D
44]	Noor Noushin	II BA [EOE]	Noushin
45]	Mohamad Aleem	III BA [HEE]	
46]	Bi Bi Khuteja	II BA [H.OE]	Khuteja.
47]	Mahenaz Syed	II BA [E.OE]	M. Sayeda
48]	Ranjitha H.S	II BA [H.OE]	Ranjitha H. S.
49]	Bhoomika M.K	II BA [H.OE]	Bhoomika M. K
50]	Sulvidya S	II BA [H.OE]	Sulvidya S
51]	Ramya G.P	II BA [H.OE]	Ramya G P
52]	Deekshitha S.G	II BA [E.OE]	Deekshitha
53]	Chithra K P	II BA [E.OE]	
54]	Leela. R	II BA [E.OE]	Leela. R
55]	Kavya S G	II BA [E.OE]	Kavya S G

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Date : 10/02/2023
Venue : Room no : 04
Time : 11:15 am
Movies Screened : 1984

Sl NO	Name	class	signature
1	Rakshitha MR	III BA HEE	[signature]
2	Spoorthi D.M	III BA HEE	[signature]
3	Vaishnavi AG	III BA HEE	Vaish, ViAG
4.	Saniya khanum.	III BA HEE	[signature]
5.	Hamsa Aradhya.	III BA HEE	[signature]
6.	Rifania	III BA HEE.	Rifan
7.	Radhika. P	III BA HEE	Radhika
8	Fathima Hurmain.	III BA HEE	Fathimahurmain.
9	Zoya Tasteen.	III BA HEE	Tasteen
10	HafeezaUnnisa.	III BA HEE	Hunnisa.
11	Husna Tabassum.	III BA HEE	Husnata
12	Sambhrama. H.S.	III BA HEE	Sambhrama
13.	Rashmi. P	III BA HEE	Rashmi P
14.	Shrunga - K. S	III BA HEE	Shrunga. K.S
15.	Sinchana. M.B	III BA HEE	Sinchana. M.B
16.	Arpitha.	III BA HEE	Arpitha. G.R
17	Apoorva -	III BA HEE	Apoorva. S.R
18	RAHUL P	III BA HEE	[signature]
19.	Sachin. M	III BA HEE	Sachin. M.
20	Gurukiran. N	III BA HEE	[signature]
21	Darshan. V	III BA HEE	Darshan
22.	Mohammad Aleem	III BA HEE	
23	Shaheena Banu	III BA HEE	[signature]

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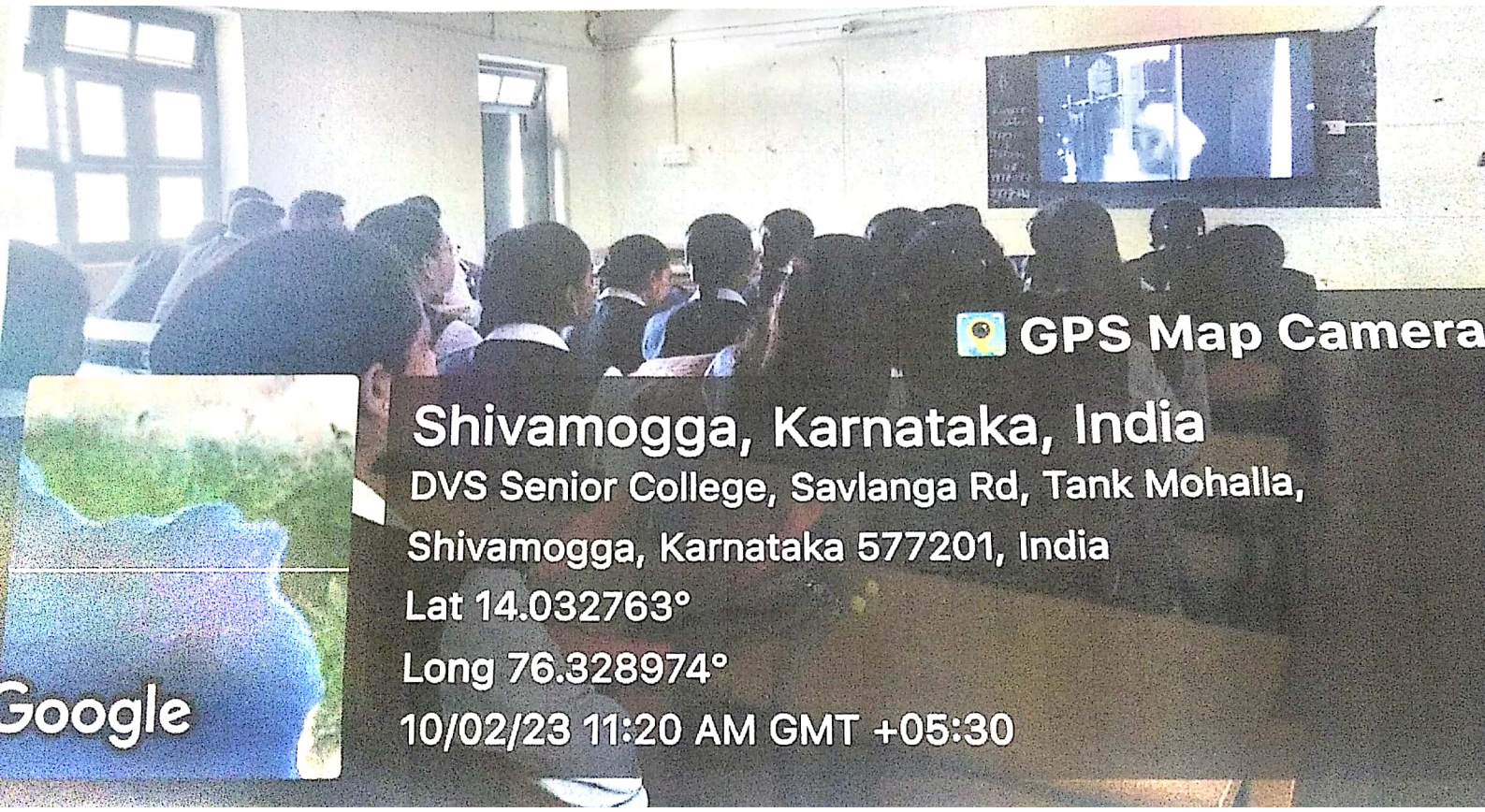

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Date :- 22-02-2023.
Venue :- Room no 02
Time :- 1:30.
Movie Screened :- Three Penny Opera

Sl no	Name	Class	Signature
1	Zoya Taskeen	III BA (HEE)	Zoya taskeen
2	Huna Tabassum.	III BA (HEE)	Huna Tabassum
3	Hafeeza Unnisa.	III BA (HEE)	Hafeeza Unnisa
4	Rifania.	III BA (HEE)	
5.	Saniya khanum.	III BA (HEE)	
6.	Josline.	III BA (HEE)	Josline
7.	kaveri	III BA (HEE)	kaveri. S
8.	Shaheen	III BA (HEE)	
9.	Sambhrama.	III BA (HEE)	Sambhrama
10.	Radhika. T	III BA (HEE)	Radhika.T
11.	Arpitha.	III BA (HEE)	
12.	Shrunga. K.S	III BA (HEE)	
13.	Sharanya. H.R	III BA (HEE)	Sharanya
14.	Spoorthi. D.M	III BA (HEE)	
15.	Rakshitha M.R	III BA (HEE)	
16.	Aleem.	III BA (HEE)	
17.	Darshan. V	III BA (HEE)	
18.	Darshan. G	III BA (HEE)	
19.	Sachin	III BA (HEE)	Sachin. M
20.	Rahul	III BA (HEE)	
21.	Guru kiran N	III BA (HEE)	
22.	Sharath. A	III BA (HEE)	
23.	Raghavendra.	III BA (HEE)	
24.	Lohith.	III BA (HEE)	Lohith. Y

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Date: 21/07/2023

Time: 2:00 – 3:30 PM

Venue – ROOM NO – OH

class – II B.Com, IV SEMESTER

Topic – ANIMAL FARM.

SL NO	Name	class	Signature
1.	Mohammed kibriya Shariff	II st B.Com 4th Sem	[signature]
2	Mohammed AKIF	II st B.Com 4 Sem	[signature]
3	Arun. N	II nd B.com 4rth sem	[signature]
4	Chandan P.D	II nd B.Com 4th sem	[signature]
5	Shashank Sutrave	II nd B.Com 4th sem	[signature]
6	Darshan. K.R	II nd B.Com 4th sem	Darshan K.R
7	Mallikarjuna Y.D	II B.Com -//-	[signature]
8	Jayanth G.S	II B.Com -//-	[signature]
9	Lingaraj. D	II B.Com -//-	Lingaraj D
10	Charan S.H	II B.Com -//-	[signature]
11	Bhargav karade	II B.Com -//-	[signature]
12	Abhishek.	II B.Com -//-	[signature]
13	Prajwal Kumar M	II B.Com -//-	Prajwal K
14	Syed Aftab	II nd B.Com -//-	[signature]
15.	Abrar Khan	II nd B.Com -//-	Abrar
16	Nadeem Akram	II nd B.Com -//-	Nadeem
17	Azeem Arfath	II nd B.Com -//-	Arfath
18	Gowtham. M	II nd B.com -//-	[signature]
19	Yagan. N	II nd B.com -//-	[signature]
20	Yogesh. N	II nd B.com -//-	[signature]
21.	Bhavana. B	II nd B.Com -//-	[signature]
22	Deeksha. R	II nd B.Com -//-	Deeksha R
23	Arpita. S	II nd B.Com -//-	[signature]

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