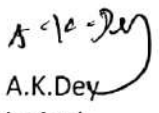


Name of the Program: Cancer Awareness Rally

Date : 04.02.2019

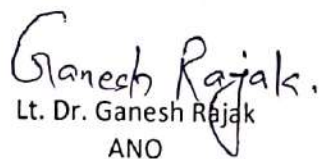
Venue : Raniganj City Surrounding.

TDB College, Raniganj carried out a Cancer Awareness Rally on 04.02.2019. It was arranged by the NCC Coy -3 of the college. 65 cadets were present in that rally. Very enthusiastically, they had participated to spread awareness about the fatal disease. They were carrying placards with varieties kind of messages related to the awareness of cancer. NCC invited a few Doctors in order to convince the common people that though deadly, but still timely detection can prevent the disease and make the patient to be free from danger. NCC cadets demonstrated through hand written posters how to become bold and courageous in the process of fighting against cancer. They also highlighted the need and requirement of Yoga, Pranayam and Asanas in order to maintain the strength of mind. Some people joined the rally automatically because of its noble cause. The rally was ended with a positive note.


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Raniganj, Burdwan (W.B)


Lt. Dr. Ganesh Rajak
ANO

TDB College, Raniganj

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10 Bengal BN NCC
T D B College Raniganj.



NAAC C 5.1.3. IMAGES OF YOGA DAY

Celebration of Yoga Day 21 June 2019



Performing Shirshasan



Performing Ardha Padmasana



Performing Balasana



Performing Anuloma Parayanama



Performing and Teaching Asana to the students



Meet After Completion of yoga

Celebration of Yoga Day 21 June 2022



Inauguration of yoga day



Performing Pranayam



Performing Different types of Yoga

A report on 'No Tobacco Day' programme organised by T.D.B. COLLEGE NSS UNITS on May 31, 2021


Mode of the programme : Online Programs were organized due to Corona

(by T.D.B. College NSS Units)

MAY 31, 2021

To inculcate awareness about the harmful effects of tobacco, our team of T.D.B. College NSS Units organised a programme on 'No Tobacco Day' on May 31, 2021. The program was conducted on the online mode and it was telecaster live on our You Tube channel. The students and the faculty members of our college were invited to join the program. The students through placards, posters and songs (online) made others aware about the risks and hazards caused by the consumption of various tobacco. Prof. Sadhan Chakraborti, The Honble Vice Chancellor, KNU and Dr Asish Kumar Dey, Principal, T.D.B. College were special invitees. They enlightened the people about lung cancer, heart problem, mouth cancer etc. that are caused due to smoking. They also warned against passive smoking. They advised the people to quit smoking of cigarette, bidi, chewing masala, gutka, etc. that kill and shorten life. The speakers of the event addressed the various questions raised by the audience. The audience appreciated the efforts made by the students. The link of the programme is mentioned below

* Youtube link of No Tobacco Day (https://youtu.be/Z5q11f_Ua0)


Principal
Triveni Devi Bhatotia College
Raniganj, Paschim Bardhaman

Principal,
T.D.B. College, Raniganj


PROGRAMME OFFICER NSS
TRIVENI DEVI BHATOTIA COLLEGE
RANIGANJ, PASCHIM BARDHAMAN, UNIT-I
Programme Officer (Unit 1)
T.D.B. College, Raniganj



PROGRAMME OFFICER NSS
TRIVENI DEVI BHATOTIA COLLEGE
RANIGANJ, PASCHIM BARDHAMAN, UNIT-II
Programme Officer (Unit 2)
T.D.B. College, Raniganj

Name of the Program: - Public Interaction for Awareness amongst Slum Dwellers

Date: - 26th September 2018

Venue: - East College Para near Primary Health Center.

TDB College NCC Coy – III organized a Public Interaction for Awareness amongst Slum Dwellers of East College Para near Primary Health Center. The program started at 10am in the morning. All NCC cadets of Coy – III and Dr. Ganesh Rajak, the NCC officer participated in the program. Some local people also joined the awareness program. Dr. A.K. Dey the principal of our college was present on the occasion to raise awareness amongst the people. The aim of the program was to find the risk factors and raise awareness amongst the people of the slum area. As these sorts of unplanned settlements are typically not connected to basic services such as clean water, sanitation and hygiene facilities, the slum residents are at great risk of contracting water-borne and respiratory diseases. The NCC officer Dr. Ganesh Rajak together with the NCC cadets raised concerns about health hazards due to unhygienic conditions in the slum area.

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Triveni Devi Bhalotia College
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Lt. Dr. Ganesh Rajak
ANO
TDB College, Raniganj
Lt. Dr. Ganesh Rajak
Company Commander, Company-3
10 Bengal BN NCC
TDB College Raniganj

Name of the Program: - Safai Abhiyan Rally

Date: - 28th September 2018

Venue: - Raniganj City Surrounding

TDB College NCC Coy – III organized a Safai Abhiyan Rally in the surrounding areas of Raniganj City. The program started at 10 am in the morning and went on till 4 p.m. evening. All NCC cadets of Coy – III and Dr. Ganesh Rajak, the NCC officer participated in the program. Dr. A.K.Dey the principal of our college was present on the occasion to motivate the people who participated in the rally. The aim of the program was to bring awareness to keep surroundings clean among community people residing in Raniganj City. The vision of Gandhiji that "Cleanliness is next to Godliness" was translated into action by bringing in community participation for clean toilets and integrated waste management to make Raniganj City open defecation free, zero waste, dust free, plastic free and green. NCC officer Dr. Ganesh Rajak together with the NCC cadets also reminded that it is also the entire citizens' responsibility to keep their surroundings clean. The community people were also encouraged to keep their surroundings clean.

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Lt. Dr. Ganesh Rajak
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TDB College, Raniganj

(Dr. Ganesh Rajak
Company Commander, Company-3
10 Bengal BN NCC,
TDB College Raniganj,

Name of the Program: Pollution Awareness Rally.

Date: 09.07.2019.

Venue : College Campus.

A Pollution Awareness Rally was organized by the NCC Coy -3 of TDB College, Raniganj on 9th July, 2019. In this occasion, 70 cadets participated under the guidance of ANO, Dr. Ganesh Rajak. The boys and girls had prepared posters based on the varieties issues of pollution. Slogans were also made about the rising population, cutting of trees, garbage, polluted water of rivers , domestic and industrial waste. They spoke about the necessity to avoid plastic. During the rally, the cadets raised the slogans related to the protection of environment. The NCC officer delivered a speech where he said that pollution is the introduction of harmful materials into the environment. They are known as pollutants. They can be natural as well as man made materials. In this way, he highlighted the nature of pollution. Cadets also spoke about air pollution, light pollution, plastic pollution, soil contamination, radioactive contamination, thermal pollution, visual pollution and water pollution. Participants had done their level best to spread the messages of awareness about pollution.

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T D B College Raniganj



Name of the Program: - Fit India Online Campaign

Date: - 10th September 2020

Venue: - Activity done by Cadets at their surroundings.

TDB College NCC Coy – III organized the Fit India Online Campaign program in the surrounding areas of the Cadets. The program started at 10 am in the morning and continued till 4 p.m. evening. All NCC cadets of Coy – III and Dr. Ganesh Rajak, the NCC officer participated in the program. Dr. A.K. Dey the principal of our college was present online on the occasion to encourage the people who participated in the program. The aim of the program was to bring awareness to the citizens to stay healthy and fit by incorporating different types of physical activities and sports into their daily routine. All the participants were encouraged that staying fit will help us all to get freedom from obesity, laziness, stress, anxiety, and diseases. All the Cadets participated in various fitness activities such as skipping, exercising, plugging, dancing, climbing steps etc. with great potential which brought a change in daily life.

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Lt. Dr. Ganesh Rajak
ANO. 11.15

TDB College, Raniganj

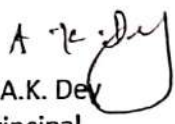
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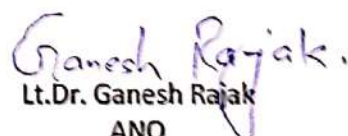
Name of the Program : International Yoga Day

Date : 21.06.2021

Venue. Activity done by Cadets at their home.

International Yoga Day was celebrated by the NCC cadets of TDB College, Raniganj on 21st June 2021. Due to Covid 19 pandemic, it was done through online mode. The cadets performed Yoga in their houses. Dr. Ganesh Rajak gave a lecture on the relevance of Yoga in the day-to-day life of mankind. He said it is a physical, mental and spiritual practice which is an exclusive gift from ancient India. He emphasized the fact that students need Yoga as it is useful to pacify the mind and the body. Dr. A.K. Dey, Principal of TDB College, Raniganj discussed about the history and origin of Yoga. He also said Yoga is not just about exercise. It is a way to discover the sense of oneness with yourself, the world and nature. The cadets had taken the photos and made videos. They arranged posters also to highlight the absolute need of Yoga in our life cycle. In this way, Yoga Day was celebrated with great enthusiasm.


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From - 2016 - 2020

10th classroom (Language Lab)

Sl. No.	Subject	Purpose of the program	Date	Duration	Signature
1	Mancom	Documentary Presentation	19-09-2016	4 hrs	Shubhas
2	English	Film Show	22-10-2016	3 hrs	Shu
3	Bengali	Interview video of Ray	23-11-2016	2 hrs	Shu
4	Hindi	Godan Show	12-01-2017	3 hrs	Shu
5	Mancom	Docu Film	20-01-2017	5 hrs	Shu
6	English	Model Speech of guest	02-02-2017	1:30 hrs	Shu
7	Hindi	Project Demo	21-02-2017	4 hrs	Shu
8	Sanskrit	Students' Conference	05-03-2017	3 hrs	Shu
9	Mancom	Film Show	18-4-2017	3 hrs	Shu
10	English	Theatre analysis	11-6-2017	2:30 hrs	Shu
11	Sanskrit	Debate/Sloka	14-10-2017	4 hrs	Shu
12	Mancom & Journal	Demo class	7-10-2018	2 hrs	Shu
13	Math	Students' Seminar	09-02-18	2 hrs	Shu
14	Hindi	Film	03-03-18	3 hrs	Shu
15	Bengali	Basanta Utsav Cultural Prog.	24-03-18	1 hr	Shu
16	Geology	Seminar	7-4-18	2 hrs	Shu
17	Biology	Demo Class	30-4-18	2 hrs	Shu
18	Bird Watcher Club	Seminar	10-5-18	2 hrs	Shu
19	Basumandir Club	Seminar & Debate	27-5-18	3 hrs	Shu
20	English	Students' Conference	4-6-18	2 hrs	Shu
21	English	Seminar	29-6-18	2 hrs	Shu
22	English	Seminar	12-7-18	1 hr	Shu
23	Bengali	Film	20-9-18	3 hrs	Shu
24	Basumandir Club	Seminar	7-11-18	4 hrs	Shu
25	Bird Watcher Club	Slide Show	11-12-18	2 hrs	Shu
26	Geology	Seminar	02-02-19	3 hrs	Shu
27	Mancom	News Reading Demo	17-03-19	3 hrs	Shu
28	Bengali	Seminar On: Comparative Study	27-03-19	4 hrs	Shu
29	English	Movie: Macbeth	12-4-19	3 hrs	Shu
30	Basumandir Club	Debate	29-4-19	4 hrs	Shu
31	Bengali	Students' Seminar	13-5-19	3 hrs	Shu
32	Mancom	Seminar: Objective of advertisement	30-5-19	2:30 hrs	Shu
33	Hindi	Sanskrit & Bhasha	16-6-19	3:30 hrs	Shu
34	English	Drama Class	21-6-19	3:00 hrs	Shu

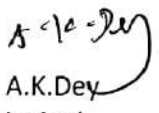
SL	Department	Purpose of program	Date	Duration	Signature
35	Birdwatch club	Demonstration	25.7.19	1 hr.	Kerali
36	Mancom	New reading	12.9.19	2 hr	Sitai
37	ENGLISH	Debate	17.10.19	1 hrs.	Shu
38	Bengali	Recitation	25.10.19	1 hrs.	al.
39	Banana club	Debate	03.11.19	1 hrs.	Darpan.
40	Bengali	Movie	14.12.19	3 hrs.	Sh
41	Urdu	Seminar	11.1.20	2 hrs.	Skand.
42	English	Language class	16.01.20	1 hrs.	Shu.
43	Hindi	Students Conf.	18.02.20	2 hrs.	Me. 22.
44	Urdu	Discussion	21.02.20	1.5 hrs.	Me. 22.
45	Hindi	Film	19.10.20	3 hrs.	Shu.
46	Bird Watch. cl.	Presentation	12.12.20	2 hrs.	Shu.

Name of the Program: Cancer Awareness Rally

Date : 04.02.2019

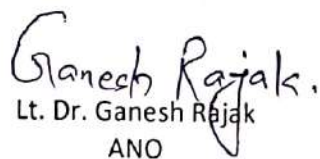
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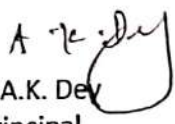
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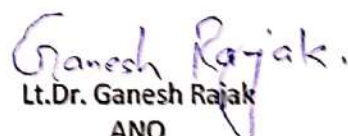
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Name of the Program: - Public Interaction for Awareness amongst Slum Dwellers

Date: - 26th September 2018

Venue: - East College Para near Primary Health Center.

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Date: - 28th September 2018

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TDB College NCC Coy – III organized a Safai Abhiyan Rally in the surrounding areas of Raniganj City. The program started at 10 am in the morning and went on till 4 p.m. evening. All NCC cadets of Coy – III and Dr. Ganesh Rajak, the NCC officer participated in the program. Dr. A.K.Dey the principal of our college was present on the occasion to motivate the people who participated in the rally. The aim of the program was to bring awareness to keep surroundings clean among community people residing in Raniganj City. The vision of Gandhiji that "Cleanliness is next to Godliness" was translated into action by bringing in community participation for clean toilets and integrated waste management to make Raniganj City open defecation free, zero waste, dust free, plastic free and green. NCC officer Dr. Ganesh Rajak together with the NCC cadets also reminded that it is also the entire citizens' responsibility to keep their surroundings clean. The community people were also encouraged to keep their surroundings clean.

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10 Bengal BN NCC
TDB College Raniganj,

Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-07-17 : 20:07: <https://meet.google.com/c>

Members present : 23

Attendee	Score	7:47 PM	8:07 PM
Molay Kurr	2/2	✓	✓
abhas bisw	1/2	✓	✗
Akash Hald	1/2	✓	✗
Ankita Mul	2/2	✓	✓
ARINDAM	1/2	✓	✓
Arnab Bose	2/2	✓	✓
Arpan Pal	2/2	✓	✓
Asha Garai	1/2	✓	✗
DEBNATH	1/2	✓	✗
Deepak Dh	2/2	✓	✓
Isha Acharj	1/2	✓	✗
Joyshree B	2/2	✓	✓
Jyoti Ghos	2/2	✓	✓
Manish pra	2/2	✓	✓
Padmaja P	2/2	✓	✓
Partha Nay	2/2	✓	✓
Prakash Da	2/2	✓	✓
Ritul Das	2/2	✓	✓
sanchita b	2/2	✓	✓
Shreya Kar	2/2	✓	✓
Sova Prasa	2/2	✓	✓
Subham B	2/2	✓	✓
Ujjwal Roy	2/2	✓	✓

Avg: 1.78/2

sh-jyjg-gwi

Members present : 44

Attendee	Score	8:46 AM
Molay Kumar Ruidas	1/1	✓
Aditi Goswami	1/1	✓
Akash Haldar	1/1	✓
Akash Singha	1/1	✓
Anandita Kundu	1/1	✓
Anshuman Kanri	1/1	✓
Arnab Bose	1/1	✓
Arnab Show	1/1	✓
Arpan Das Dan	1/1	✓
Arpan Pal	1/1	✓
Asha Garain	1/1	✓
Avinash Marandi	1/1	✓
Bikas Gorain	1/1	✓
Bulbul Barnwal	1/1	✓
CHIROPRIYA DAS	1/1	✓
Jyoti Ghosal	1/1	✓
Kumar Ansh	1/1	✓
Neha Dutta	1/1	✓
Pradipta Ghosh	1/1	✓
Priyanka Gorai	1/1	✓
Purnendu Ray	1/1	✓
Ranabir Goswami	1/1	✓
Riju Mondal	1/1	✓
RISHABH KUMAR SHAW	1/1	✓
Ritam Banerjee	1/1	✓
Ritul Das	1/1	✓
Rohan Goswami	1/1	✓
SANCHITA CHANDRA	1/1	✓
Sanjay Sarkar	1/1	✓
Shaptarshi Mukherjee	1/1	✓
Shreya Karmakar	1/1	✓
SHUBHAM CHOUDHURY	1/1	✓
SK SAYED AKTAR	1/1	✓
Soma Murmu	1/1	✓
Souvik Dey	1/1	✓
Sova Prasad	1/1	✓
SUBHADIP NAG	1/1	✓

Subham Barnwal	1/1	✓
subhashis chandra	1/1	✓
Sumon Roy	1/1	✓
Surajit	1/1	✓
Surajit Das	1/1	✓
Susmita Mondal	1/1	✓
Ujjwal Roy	1/1	✓
Avg: 1/1		

Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-07-24 : 16:30: <https://meet.google.con>

Members present : 54

Attendee	Score	4:07 PM	4:26 PM
Molay Kumar Ruidas	2/2	✓	✓
Abinash Adhikari	2/2	✓	✓
Aditi Goswami	2/2	✓	✓
Anisha Zaminder	2/2	✓	✓
Ankita Mukherjee	2/2	✓	✓
ARINDAM HALDERGUPTA	2/2	✓	✓
Arnab Bose	2/2	✓	✓
Arnab Show	2/2	✓	✓
Arpan Das Dan	2/2	✓	✓
Arpan Pal	2/2	✓	✓
Asha Garain	2/2	✓	✓
Avinash Marandi	2/2	✓	✓
Bikas Gorain	2/2	✓	✓
Biswajit chakraborty	2/2	✓	✓
BISWAJIT DAS	2/2	✓	✓
Joyshree Bhattacharya	2/2	✓	✓
Manish prasad	2/2	✓	✓
Padmaja Pal	2/2	✓	✓
Partha Nayak	2/2	✓	✓
Ranabir Goswami	2/2	✓	✓
Rohan Goswami	2/2	✓	✓
sanchita bhattacharya	1/2	✓	✗
sharmistha maji	2/2	✓	✓
Shreya Karmakar	1/2	✓	✗
SHUBHAM CHOUDHURY	2/2	✓	✓
SK SAYED AKTAR	2/2	✓	✓
Soma Murmu	2/2	✓	✓
Souvik Dey	2/2	✓	✓
SOUVIK MUKHOPADHYAY	2/2	✓	✓
Sova Prasad	2/2	✓	✓
Subhadeep Das	2/2	✓	✓
SUBHADIP NAG	2/2	✓	✓
Subham Barnwal	2/2	✓	✓
Subham Burman	2/2	✓	✓
Tanaya Ghosh	2/2	✓	✓
Ujjwal Roy	2/2	✓	✓
abhas biswas	1/2	✗	✓

Akash Singha	1/2	✖	✓
Anamika Kumari	1/2	✖	✓
Ankit Jaiswal	1/2	✖	✓
Ayan Bhattacharjee	1/2	✖	✓
Harasit Roy	1/2	✖	✓
Jyoti Ghosal	1/2	✖	✓
Koushik Patra	1/2	✖	✓
Kumkum Mondal	1/2	✖	✓
Nur Aktar	1/2	✖	✓
Priya Bhandary	1/2	✖	✓
Priyanka Gorai	1/2	✖	✓
Riju Mondal	1/2	✖	✓
SANCHITA CHANDRA	1/2	✖	✓
Satbir Singh	1/2	✖	✓
SUBHRADIP ROY	1/2	✖	✓
SUDIP LAHA	1/2	✖	✓
Suman Khan	1/2	✖	✓

Avg: 1.63/2

n/byu-pagh-qbf

Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-07-26 : 8:32: <https://meet.google.com/bck>

Members present : 49

Attendee	Score	8:11 AM	8:32 AM
Molay Kumar Ruidas	2/2	✓	✓
abhas biswas	2/2	✓	✓
ABHIRUP RUJ	1/2	✓	✗
Aditi Goswami	2/2	✓	✓
Akshay Mondal	2/2	✓	✓
Anisha Zaminder	2/2	✓	✓
Ankita Mukherjee	2/2	✓	✓
Anshuman Kanri	2/2	✓	✓
apurba Mondal	2/2	✓	✓
ARINDAM HALDERGUP	2/2	✓	✓
Arnab Bose	2/2	✓	✓
Arnab Show	2/2	✓	✓
Arpan Pal	2/2	✓	✓
Asha Garain	2/2	✓	✓
Avinash Marandi	2/2	✓	✓
Bikas Gorain	2/2	✓	✓
BISWAJIT DAS	2/2	✓	✓
Bulbul Barnwal	2/2	✓	✓
Harasit Roy	2/2	✓	✓
Isha Acharjee	2/2	✓	✓
Joyshree Bhattacharya	2/2	✓	✓
Kumkum Mondal	2/2	✓	✓
Megha Laha	2/2	✓	✓
Pallabi Dutta	2/2	✓	✓
Partha Nayak	2/2	✓	✓
Pradipta Ghosh	2/2	✓	✓
Ranabir Goswami	2/2	✓	✓
Ritul Das	2/2	✓	✓
Rohan Goswami	2/2	✓	✓
SANCHITA CHANDRA	2/2	✓	✓
Santanu Mandal	2/2	✓	✓
Sayon Kundu	2/2	✓	✓
sharmistha maji	2/2	✓	✓
Shibani Dhibar	2/2	✓	✓
Souvik Dey	2/2	✓	✓
SOUVIK MUKHOPADHY	2/2	✓	✓
Subhadeep Das	2/2	✓	✓

SUBHADIP NAG	2/2	✓	✓
Subham Barnwal	2/2	✓	✓
SUBHAM' s ART	2/2	✓	✓
subhashis chandra	2/2	✓	✓
suparna mondal	2/2	✓	✓
Surajit	2/2	✓	✓
Sutapa Tapadar	2/2	✓	✓
Ujjwal Roy	2/2	✓	✓
Abinash Adhikari	1/2	✗	✓
Rakhi Chowdhury	1/2	✗	✓
Ritam Banerjee	1/2	✗	✓
ROHAN ROY	1/2	✗	✓
Avg: 1.9/2			

-xkvm-oyd

Date-02/08/2021

Members present : 43

Attendee	Score	8:14 AM	8:22 AM	Attendee	Score	8:14 AM	8:22 AM
Molay Kumar Ruida	2/2	✓	✓	SHUBHAM CHOUDHURI	2/2	✓	✓
abhas biswas	2/2	✓	✓	Soma Murmu	2/2	✓	✓
Aditi Goswami	2/2	✓	✓	Souvik Dey	2/2	✓	✓
Akash Halder	2/2	✓	✓	Subhadeep Das	2/2	✓	✓
Akash Singha	2/2	✓	✓	SUBHADIP NAG	2/2	✓	✓
Akshay Mondal	2/2	✓	✓	Subham Burman	2/2	✓	✓
Anisha Zaminder	2/2	✓	✓	subhashis chandra	2/2	✓	✓
Anshuman Kanri	2/2	✓	✓	suparna mondal	2/2	✓	✓
apurba Mondal	2/2	✓	✓	Tanaya Ghosh	2/2	✓	✓
Aritra Dey	2/2	✓	✓	Ujjwal Roy	2/2	✓	✓
Arnab Bose	2/2	✓	✓	Isha Acharjee	1/2	✗	✓
Arnab Show	2/2	✓	✓				
Arpan Das Dan	2/2	✓	✓				
Arpan Pal	2/2	✓	✓				
Asha Garain	2/2	✓	✓				
Avinash Marandi	2/2	✓	✓				
Ayan Bhattacharjee	2/2	✓	✓				
BISWAJIT DAS	2/2	✓	✓				
Bulbul Barnwal	2/2	✓	✓				
Harasit Roy	2/2	✓	✓				
Joyshree Bhattacharya	2/2	✓	✓				
Jyoti Ghosal	2/2	✓	✓				
Koushik Patra	2/2	✓	✓				
Pallabi Dutta	2/2	✓	✓				
Partha Nayak	2/2	✓	✓				
Pradipta Ghosh	2/2	✓	✓				
Riju Mondal	2/2	✓	✓				
Ritul Das	2/2	✓	✓				
Rohan Goswami	2/2	✓	✓				
ROHAN ROY	2/2	✓	✓				
SANCHITA CHANDRAN	2/2	✓	✓				
sharmistha maji	2/2	✓	✓				

Date- 20-09-2021
Members present : 29

Time-8 A.M

Attendee	Score	8:23 AM
Molay Kumar Ruidas	1/1	✓
aditi chaudhuri	1/1	✓
Aditi Goswami	1/1	✓
Akash Haldar	1/1	✓
Akash Singha	1/1	✓
Ankita Mukherjee	1/1	✓
apurba Mondal	1/1	✓
Aritra Dey	1/1	✓
Arpan Das Dan	1/1	✓
Arpan Pal	1/1	✓
Bikas Gorain	1/1	✓
Harasit Roy	1/1	✓
Joyshree Bhattacharya	1/1	✓
Kumkum Mondal	1/1	✓
Megha Laha	1/1	✓
Niladri Shekhar Das	1/1	✓
Pradipta Ghosh	1/1	✓
Rakesh Dhibar	1/1	✓
Ritul Das	1/1	✓
Rohan Goswami	1/1	✓
ROHAN ROY	1/1	✓
Satbir Singh	1/1	✓
sharmistha maji	1/1	✓
SHUBHAM CHOUDHURY	1/1	✓
Souvik Dey	1/1	✓
Souvik Mukhopadhyay	1/1	✓
subhashis chandra	1/1	✓
suparna mondal	1/1	✓
Ujjwal Roy	1/1	✓

Mission and Vision

The mission of the data science club is to enable high quality data science education, enhance employability, and industrial exposure.

The vision is to significantly expand the capacity of the students to implement data science techniques, learn cutting-edge computational tools, advanced programming and develop college-industry collaborations. This is to be accomplished by hands on learning and training opportunities, thus catalysing students' potential, building relationships with industry, and establishing connections with various academic/industrial organizations.

Beneficiaries of the Data Science Club: Final year students of all science and commerce faculties and others who handle big data.

Data Science using Python

Introduction:

Welcome and overview of the course. Introduction to the data science process and the value of learning data science.

Basics of Python Programming:

Brief background in python to get you up and running. If you are already familiar with python, you can skip this content.

Jupyter and Numpy:

Jupyter notebooks are one of the most commonly used tools in data science as they allow you to combine your research notes with the code for the analysis. After getting started in Jupyter, we'll learn how to use numpy for data analysis. numpy offers many useful functions for processing data as well as data structures which are time and space efficient.

Pandas:

Pandas, built on top of numpy, adds data frames which offer critical data analysis functionality and features.

Visualization:

When working with large datasets, you often need to visualize your data to gain a better understanding of it. Also, when you reach conclusions about the data, you'll often wish to use visualizations to present your results.

Mini Project:

With the tools of Jupyter notebooks, numpy, pandas, and Visualization, you're ready to do sophisticated analysis on your own. You'll pick a dataset we've worked with already and perform an analysis for this first project.

Statistics:

You will learn the foundations of statistics required for Data Science projects followed by practical classes with real life examples.

Machine Learning:

To take your data analysis skills one step further, we'll introduce you to the basics of machine learning and how to use scikit-learn - a powerful library for machine learning.

Final Project:

These weeks let you showcase all your new skills in an end-to-end data analysis project. You'll pick the dataset, do the data munging, ask the research questions, visualize the data, draw conclusions, and present your results.

Certification:

After successful completion of this course students will get certificate from the college.

TRIVENIDEVI BHALOTIA COLLEGE, RANIGANJ



[Govt. of West Bengal Sponsored]

Post: Raniganj, Dist: Paschim Bardhaman, Pin- 713347

NAAC Accredited B+ Grade College

Estd. 1957

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DATA SCIENCE SYLLABUS w.e.f. 22-03-2021

FOREWORD

TATHYA VIGHYAN: ASHIMER AHOBAAAN

Dear students, you must all have seen advertisements of Data Science courses in the Internet and so have some idea about the importance of Data Science as a lucrative career option. Keeping this in mind the authorities of Triveni Devi Bhalotia College, together with some enterprising and committed alumnae of the Department of Statistics, who are senior Data Science experts in industry, have taken the initiative to start a Data Science Club in the college to enhance the employment skills of students of our college, among other activities.

It is with this purpose that a fifteen to twenty –hour course is being initiated for students in the sixth semester. We hope you will benefit from this course, the details of which are given below.

It may be mentioned that after successful completion of the course students will be given a certificate by the Principal of T.D.B. College.

DATA SCIENCE LEARNING PATH

Module 1: Python

- Environment set-up
- Jupyter overview
- Python Numpy
- Python Pandas
- Python Matplotlib/seaborn

Module 2: Statistics

- Important statistical concepts used in data science
- Difference between population and sample
- Types of variables
- Measures of central tendency
- Measures of variability
- Coefficient of variance
- Skewness and Kurtosis

Module 3: Probability theory & Inferential statistics

- Probability distribution
- Testing of hypotheses

Module 4: Exploratory data analysis

- Data visualization-Univariate/Bivariate Analyses
- Missing value analysis
- Correlation matrix
- Outlier detection analysis

Module 5: Supervised machine learning

- Linear Regression
- Logistic regression
- Decision Tree
- Random Forest
- KNN Regression/Classification
- Support Vector Machine
- Gradient Boosting

Module 6: Unsupervised machine learning

- Hierarchical clustering
- K-means clustering
- Principal Component Analysis
- Association Rules

Module 7: Time Series Forecasting

- ARIMA
- Exponential Smoothing

Module 8: Survival Analyses

- Kaplan-Mayer
- Cox regression

Module 9: Natural Language Processing

- Sentiment Analyses
- Topic Modeling

Module 10: Machine learning scenarios/use cases

- Predictive Maintenance
- Fraud detection
- Sales Forecasting
- Intelligent Recommendation

From - 2016 - 2020

10th classroom (Language Lab)

Sl. No.	Subject	Purpose of the program	Date	Duration	Signature
1	Mancom	Documentary Presentation	19-09-2016	4 hrs	Shubhas
2	English	Film Show	22-10-2016	3 hrs	Shu
3	Bengali	Interview video of Ray	23-11-2016	2 hrs	Shu
4	Hindi	Godan Show	12-01-2017	3 hrs	Shu
5	Mancom	Docu Film	20-01-2017	5 hrs	Shu
6	English	Model Speech of guest	02-02-2017	1:30 hrs	Shu
7	Hindi	Project Demo	21-02-2017	4 hrs	Shu
8	Sanskrit	Students' Conference	05-03-2017	3 hrs	Shu
9	Mancom	Film Show	18-4-2017	3 hrs	Shu
10	English	Theatre analysis	11-6-2017	2:30 hrs	Shu
11	Sanskrit	Debate/Sloka	14-10-2017	4 hrs	Shu
12	Mancom & Journal	Demo class	7-10-2018	2 hrs	Shu
13	Math	Students' Seminar	09-02-18	2 hrs	Shu
14	Hindi	Film	03-03-18	3 hrs	Shu
15	Bengali	Basant Utsav Cultural Prog.	24-03-18	1 hr	Shu
16	Geology	Seminar	7-4-18	2 hrs	Shu
17	Bengali	Demo Class	30-4-18	2 hrs	Shu
18	Bird Niche Club	Seminar	10-5-18	2 hrs	Shu
19	Basundhara Club	Seminar & Debate	27-5-18	3 hrs	Shu
20	English	Students' Conference	4-6-18	2 hrs	Shu
21	English	Seminar	29-6-18	2 hrs	Shu
22	English	Seminar	12-7-18	1 hr	Shu
23	Bengali	Film	20-9-18	3 hrs	Shu
24	Basundhara Club	Seminar	14-11-18	4 hrs	Shu
25	Bird Niche Club	Slide Show	11-12-18	2 hrs	Shu
26	Geology	Seminar	02-02-19	3 hrs	Shu
27	Mancom	News Reading Demo	17-03-19	3 hrs	Shu
28	Bengali	Seminar On: Comparative Study	24-03-19	4 hrs	Shu
29	English	Movie: Macbeth	12-4-19	3 hrs	Shu
30	Basundhara Club	Debate	29-4-19	4 hrs	Shu
31	Bengali	Students' Seminar	13-5-19	3 hrs	Shu
32	Mancom	Seminar: Objective of advertisement	30-5-19	2:30 hrs	Shu
33	Hindi	Sanskrit & Bhasha	16-6-19	3:30 hrs	Shu
34	English	Drama Class	21-6-19	3:00 hrs	Shu

SL	Department	Purpose of program	Date	Duration	Signature
35	Birdwatchers club	Demonstration	25.7.19	1 hr.	Kerali
36	Mancom	New reading	12.9.19	2 hr	Sitai
37	ENGLISH	Debate	17.10.19	1 hrs.	Shu
38	Bengali	Recitation	25.10.19	1 hrs.	al.
39	Banana club	Debate	03.11.19	1 hrs.	Darpan.
40	Bengali	Movie	14.12.19	3 hrs.	Sh
41	Urdu	Seminar	11.1.20	2 hrs.	Skand.
42	English	Language class	16.01.20	1 hrs.	Shu
43	Hindi	Students Conf.	18.02.20	2 hrs.	Me. 22.
44	Urdu	Discussion	21.02.20	1.5 hrs.	Me. 22.
45	Hindi	Film	19.10.20	3 hrs.	Me. 22.
46	Bird Watchers club	Presentation	12.12.20	2 hrs.	Shu