Annexure 3

Best Practice – 2021 - 2022

Title of the Practice: Preparation and distribution of hand sanitizer for the poor and tribal peoples during COVID-19 pandemic

Objectives of the Practice:

To provide safe and effective hand sanitizer to the financially weak, below poverty and tribal peoples in order to circumvent the threat of COVID-19 pandemic. Faculty from the department of chemistry develop their own methodology for the preparation of cost effective and safer isopropyl alcohol-based hand sanitizer. The project undertaken is in line with mission of the institute, and following are the objectives: To explore science from lab to society, to set benchmarks in front of the students in order to uplift their morals.

The context:

Developing an efficient and highly practical protocol for the preparation of hand sanitizer in the laboratory with the help of available chemicals in the lab has been a challenge. In spite of COVID restrictions faculty from the Department of Chemistry has made hand sanitizers for the peoples to make sure the peoples stay safe and restrict the expansion of COVID-19. Faculty associated with NSS helps in the distribution of these sanitizers and make sure the sanitizers are in the needy and deserving hands.

The Practice:

In Indian education system it is to be said that the best education is the education which helps poors and give equal opportunity to all. In the present times the newly formed ministry of Skill Development and Entrepreneurship under Government of India is a welcome step in this regard. Education should prove not only a means for personal enrichment but also to be a platform for reducing social divide and uplifting everyone. Our institute has been taking consistent efforts in this regard. The institute is committed towards the healthy growth and sustainable development of the society. Through academics though the institute enhances technical skills, the institute has undertaken several initiatives to inculcate values among students. However, the pandemic provides an opportunity to the enthusiastic minds of the institute to help the society and try to support the peoples under the pandemic circumstances. The institute has successfully distributed the laboratory made hand sanitizer to the peoples with the help of NSS team of the institute by following the COVID-19 restrictions.

Evidence of Success:

Overall, Efforts taken by the institute to provide sanitizer in the crucial times of the pandemic

has turned out to be fruitful as our faculties from the department of chemistry and NSS has a pain-stacking efforts and successfully administered the preparation and the distribution of the hand sanitizer. The activity undertaken by the institute sets a milestone in front of the disciples of the institute, through which they can set their goals with constant harmony with the society.

Problems Encountered and Resources required

Under the pandemic restrictions it is difficult to be their in the laboratory. However, the institute take necessary initiative to allow the faculty of chemistry department to perform the manufacture of the hand sanitizer in the lab.

During manufacturing the staff overcomes the scarcity of the clove oil by extracting clove oil from clove buds in our own laboratory. Moreover, after manufacturing (the hand sanitizer was packed in 10ml bottles and ready for distribution) the distribution is the challenge that time our NSS team with the help of local police distributed the sanitizer very effectively.

Preparation of Sanitizer

In a 500ml round bottom flask, 50g of clove buds were taken. To this 250ml ethanol was added and refluxed for two hours. It was then filtered and diluted with water to 1000ml. To this solution, 100 ml 5 % solution of Alum was added. Thereafter, the resulting solution or sanitizer was packed in one liter bottle for distribution.

ग्रामपंचायत = धिरजगाव

्रामसेवक - भी व्हि.डी. गामकवाड

ता.जि. नंदुरबार

सरपच

स्थापना दि. १७/१०/१९९३

सौ.संगिता अशोक वळवी

15+ 4 10 20LZ

आभार पत्र

प्रति,

मा.प्राचार्य, गजमल तुळशीराम पाटील, महाविद्यालय,नंदुरबार.

महोदय,

आपल्या महाविद्यालयातील रसायनशास्त्र विभागातील सर्व प्राध्यापक टीम ने कोरोनाच्या काळात मानवी सुरिक्षततेसाठी सॅनिटायझर महाविद्यालयाच्या प्रयोगशाळेत तयार केले. स्वखर्चाने रसायनशास्त्र प्रयोगशाळेत तयार केलेले हे सॅनिटायझर आमच्या गावात येऊन राष्ट्रीय सेवा योजना विभाग विद्यार्थी विभाग,विभाग,एन.सी.सी.विभाग,क्रिडा विभाग,रसायनशास्त्र विभाग यांनी शासनांची नियम पाळून आमच्या गावात सुरिक्षतिरत्या वाटप केली.

शासनाच्या निकषाप्रमाणे महाविद्यालयाच्या प्रयोगशाळेत तयार केलेल्या या सॅनिटायझरचा कोरोनामुक्ती व स्वरक्षणासाठी गावकऱ्यांना चांगली मदत झाली.

यासाठी ग्राम पंचायतीच्या वतीने आपल्या महाविद्यालयातील सर्व विभागांचे

मनापासून आभार

र्यमीता अशाव वळ वी सरपंच गामवसाकम शिल्लासूंव

ता.जि.नंदुरबार



जा. क्र.

ग्रामपचायत बलवड

ता.जि.नंद्रबार

ग्रामसेवक श्री एन. ए. ठाकरे स्थापना दि. २४/१०/१९६३

सरपंच

श्री सागर पांडूरंग पाटील

दिनांक :

दिनांक 17/4/२०22

आभार पत्र

प्रति.

मा.प्राचार्य. गजमल तुळशीराम पाटील, महाविद्यालय, नंदुरबार.

महोदय,

आपल्या महाविद्यालयातील रसायनशास्त्र विभागातील सर्व प्राध्यापक टीम ने कोरोनाच्या काळात मानवी सुरिक्षततेसाठी सॅनिटायझर महाविद्यालयाच्या प्रयोगशाळेत तयार केले. स्वखर्चाने रसायनशास्त्र प्रयोगशाळेत तयार केलेले हे सॅनिटायझर आमच्या गावात येऊन राष्ट्रीय सेवा योजना विभाग विद्यार्थी विभाग,विभाग,एन.सी.सी.विभाग,क्रिडा विभाग,रसायनशास्त्र विभाग यांनी शासनांची नियम पाळून आमच्या गावात सुरिक्षतरित्या वाटप केली.

शासनाच्या निकषाप्रमाणे महाविद्यालयाच्या प्रयोगशाळेत तयार केलेल्या या सॅनिटायझरचा कोरोनामुक्ती व स्वरक्षणासाठी गावकऱ्यांना चांगली मदत झाली.

यासाठी ग्राम पंचायतीच्या वतीने आपल्या महाविद्यालयातील सर्व विभागांचे

मनापासून आभार

आपला विश्वास्,



Annexure 3

Best Practice – 2021 - 2022

Title of the Practice: Reading Club Activity for faculty

Objectives of the Practice:

The objective of this activity is to promote reading culture at the institute.

Central Library has started the Reading Club Activity to enhance the reading habits of the faculty as well as students. The benefits of reading Creates reading accountability, Helps you engage deeper with the book, Encourages critical thinking, keeps your brain sharp, Gives new perspectives, Can improve writing skills.

The Practice:

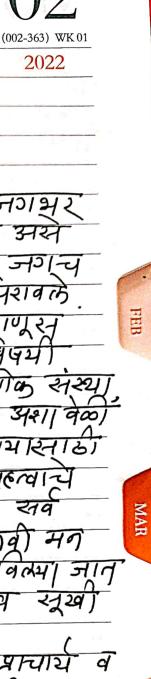
The groups of faculty members are formed in each department for reading and knowledge sharing discussions. The faculty groups are formed voluntarily. The ideal group size recommended is of 4 faculty members. One of group members acts as a coordinator. The coordinator makes sure that all members are actively reading and participating in the group. Reading Club activities are conducted in all departments and HOD coordinates the activities. HOD plays a role of facilitation and promotes the faculty members in the department and ensure that all faculty members participate in the activity.

Evidence of Success:

The 13 groups were formed across all the departments in 2021-22. Total 52 number of faculty members across the institute participated and 53 number of books were read by them. Each department conducted a presentation on the book review at the end of the semester. The final report was submitted to the Central Library.

Problems encountered, and Resources required:

Due to extra workload faculty members find it difficult to find time for such additional reading. Some of the faculty members are interested in technical literature reading only. The resources required are good collection of motivational books or biographies and availability of reading rooms and seminar halls for having discussions and presentations.





Cally DAX JANUARY ST 25412 . 8

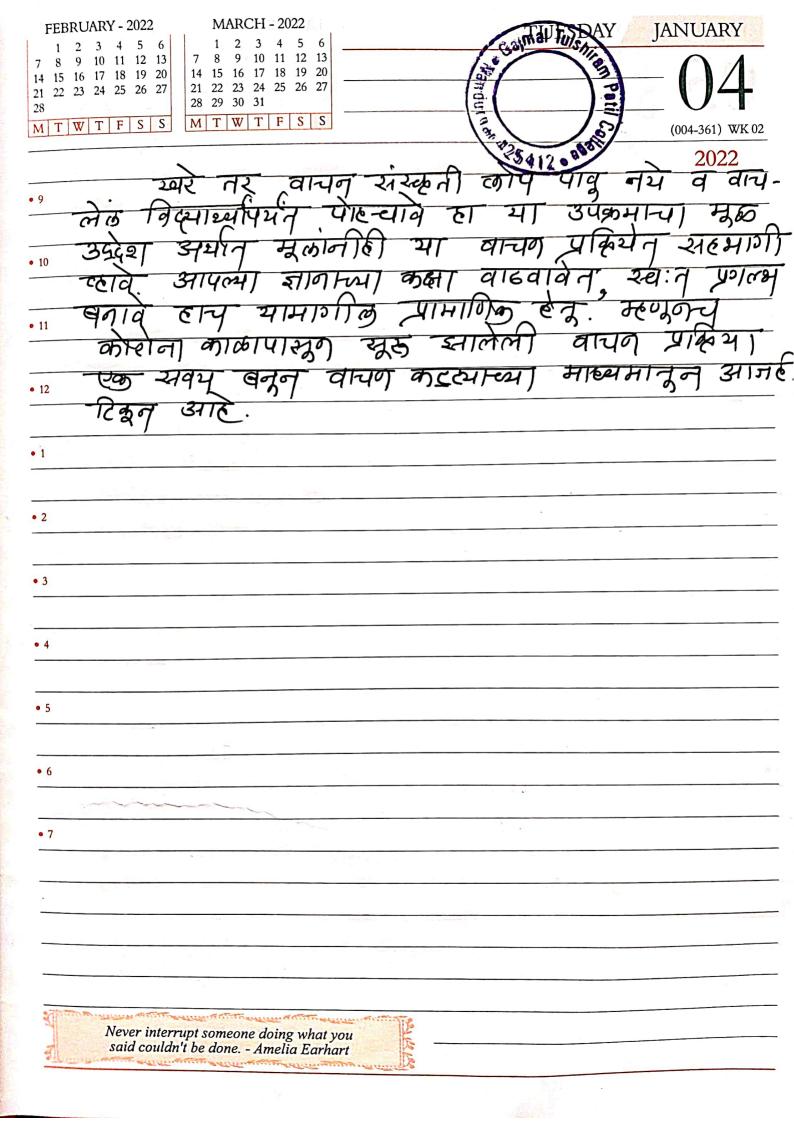
X

• 10

• 9

• 11 • 12 • 1 (Pa) • 2 थ। वल • 5 (a) • 7

> Things don't have to change the world to be important .- Steve Jobs



JANUARY

(012-353) WK 03

2022

4 112. 200 TO TO

or Garcia

APR

The book begins by explosing & meaning
of Tkisai tracing its arigins to the Island al
" Okinawa, which has one of the highest like
expectancies in the world. The auther explains that
·2 ikigainis noturius about riinding what you love
but also what you are good of what the world
· 3 needs, and what you can be paid for.
Further the book provides produtical advice on
"how to find your itigai. This includes exercises &
examples to help readers identify this values
5 strengths & passions. The auther also emphasises
the importance of linding halance in terms of
" work & personal relationships.
The book is well withen & engaging
to illustrate the concepts. The authors have done
to illustrate the concepts. The authors have done
thin usearch & provide a throrough exploration of
concept, including insights from expents in various
field:

FEBRUARY - 2022

1 2 3 4 5 6

8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

MTWTFSS

secret

• 9

MARCH - 2022

14 15 16 17 18 19 20

21 22 23 24 25 26 27

MTWTFSS

7 8 9

28 29 30 31

ido/c]kinaviivas

bricesc Miralles

work

1 2 3 4 5 6

10 11 12 13

book is written

book

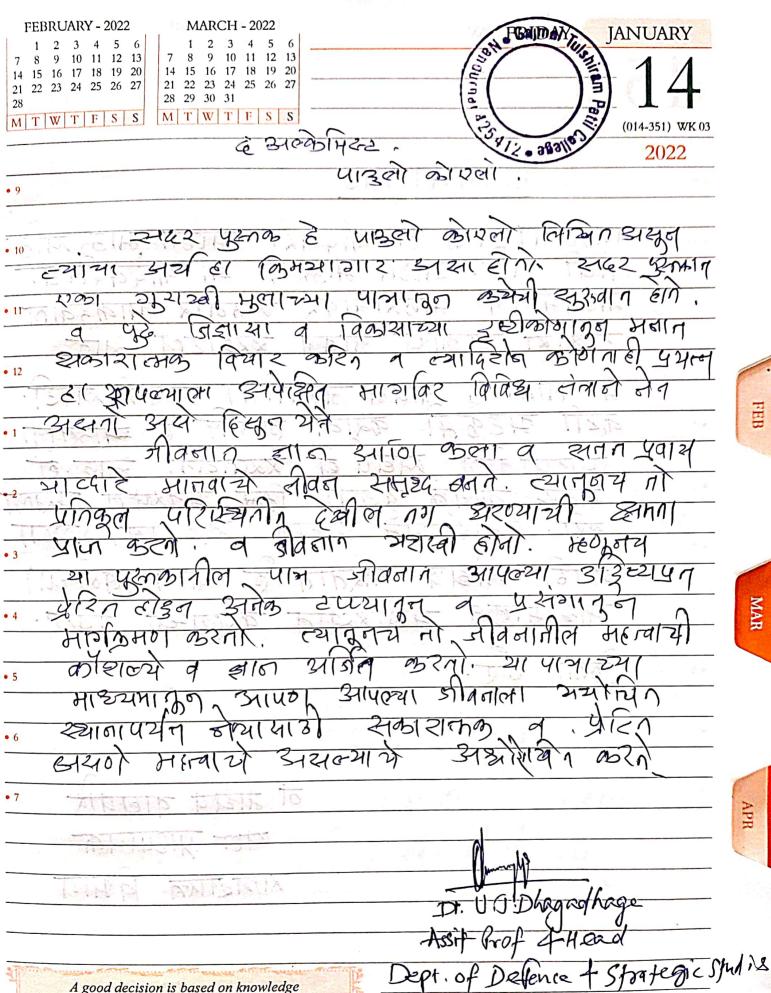
a book based

about

JANUARY - 2022 DECEMBER - 2021 THURSDAY 2 3 4 5 31 1 IANUARY 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 13 14 15 16 13 14 15 16 17 18 19 17 18 19 20 21 22 23 20 21 22 23 24 25 26 24 25 26 27 28 29 30 27 28 29 30 31 MTWTFSS MTWT FSS WK 03 (013-352) One potential cuitisism of the book is 2022 Fines bit simplishic thought provoking iss a ager readers 100 relient on Whilewort may provides we • 11 ma • 12 Dr. Porak Lakhanehandre Das Afrector of Physical Education & • 6 The only true wisdom is in knowing

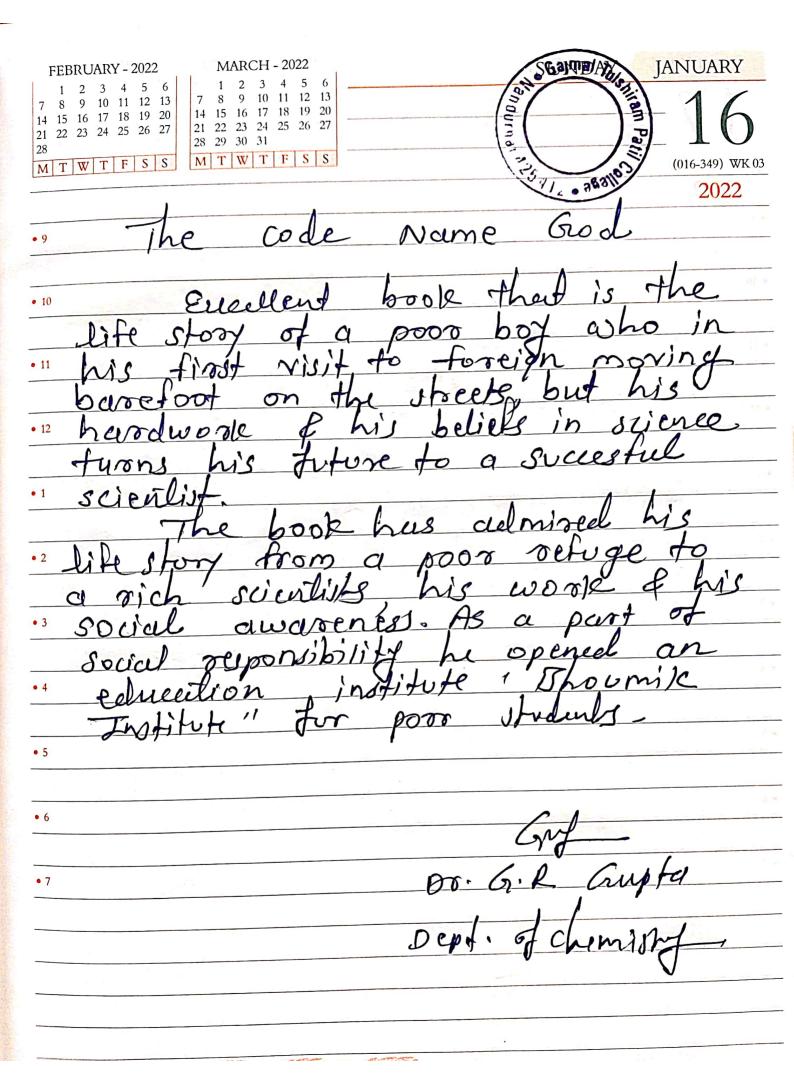
you know nothing. - Socrates

MAR



A good decision is based on knowledge and not on numbers. - Plato

JANUARY SATURDAY	DECEMBER - 2021 JANUARY - 2022
15	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
WK 03 (015-350) 2022	M T W T F S S
.9 माक्रीचा मार्क	and the same of the same
110737 4 1 ATO	The second second
The Tell The A	9
•10 मानाग्राचा माण हा कादन	
याचा आर् अला भाऊ	ना या कारवराच्या
• 11 भाष्यमातुन मार्वानावर	वाठगार माक्रुवाले
3)वारी लोकाच मीवल	रेखारल आहे.
• 12	3110
या लोकानी जीवन जुग	तामा आवहात्राठी
•1 कर्ग मटकता करावी	लागम ने स्थाउनामा
न्यांग्यातील संघर्ष वी	2713(18)
• 2	Rayle(1) SIP . e
THO KA SHIPP ON GOLD	TEOT STANKET SHAMI
- AKI XAITHO HID	वि शब्तात, जाव्य)
व्याही ब्लंडिए करतात	TO ALT MICANIANI
· 40 TOTALINEST PROPERTY	1 6 21 111 4 5 4 7 64 7
HISUHICA SISIRZATO	व कुरुवानी प्रपत्न
· 5 Charl and	Falls & Icontality
OFO THE HOME TO PRESENT	Cons L halance
	100,11231,1
• 6 1 DE 10 10 10 10 10 10 10 10 10 10 10 10 10	11-11/15 1110 1110
1000 Frankling Kings	C PATHE TOPIE
• 7	मिरिष वाध्यार
	Xtet YISUIYA
40-	and the second s
	राजिशास्त विभाग
Participation of the same of t	
That roof or these	
1 201 of Defence of Startege In	Somewhere, something incredible is waiting to be known Carl Sagan

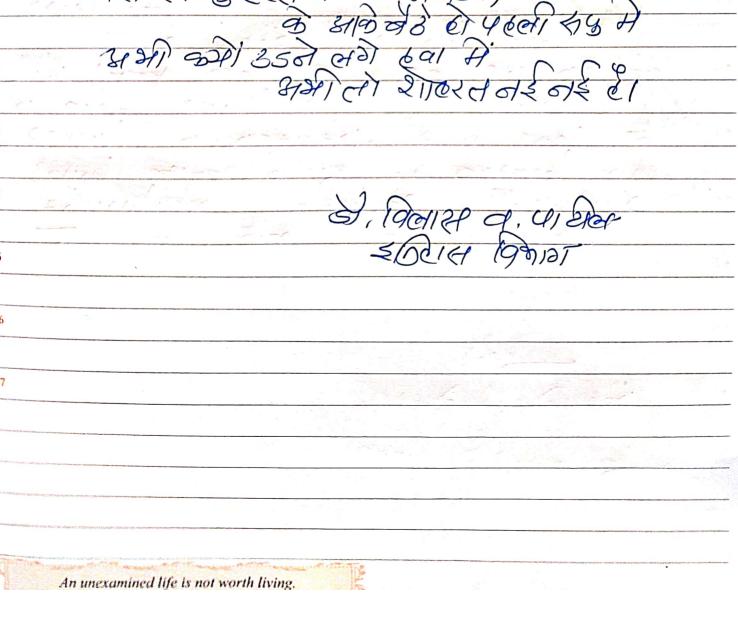


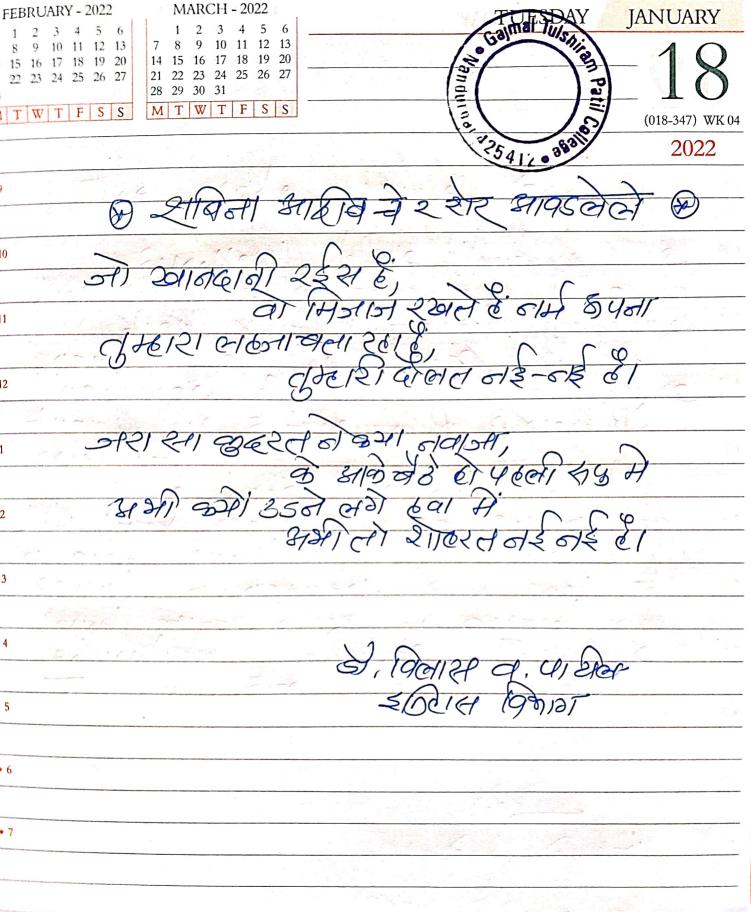


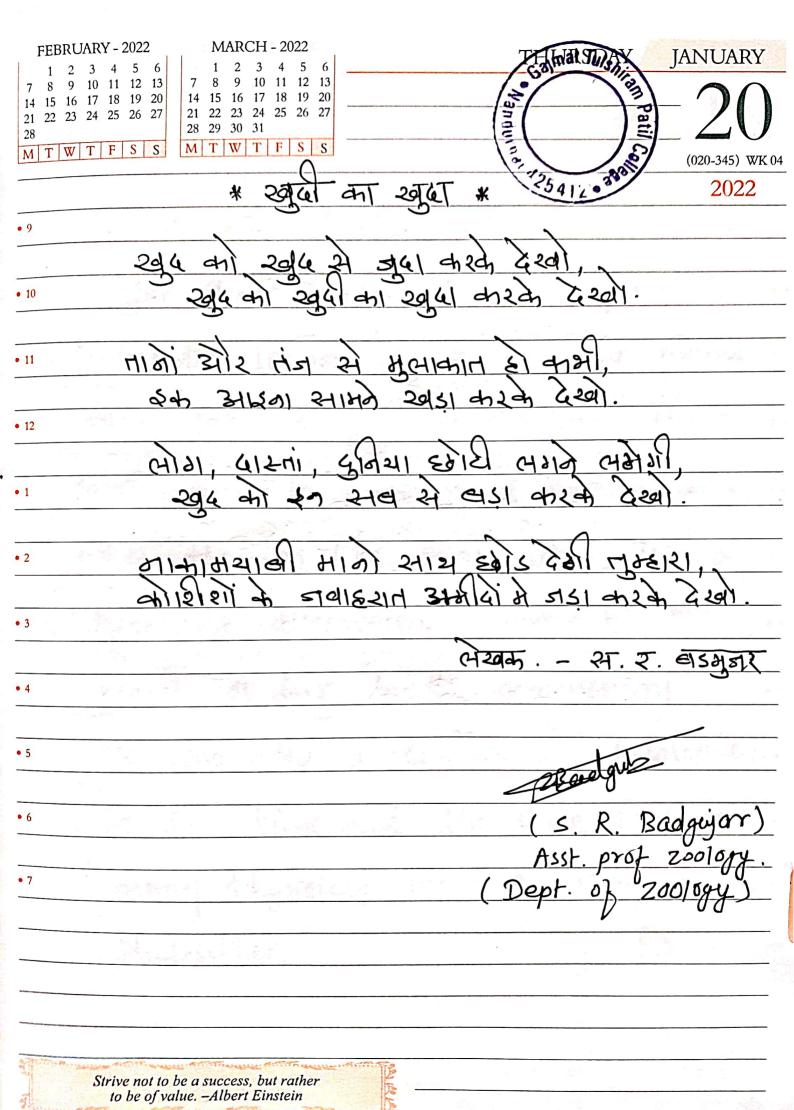
MAR

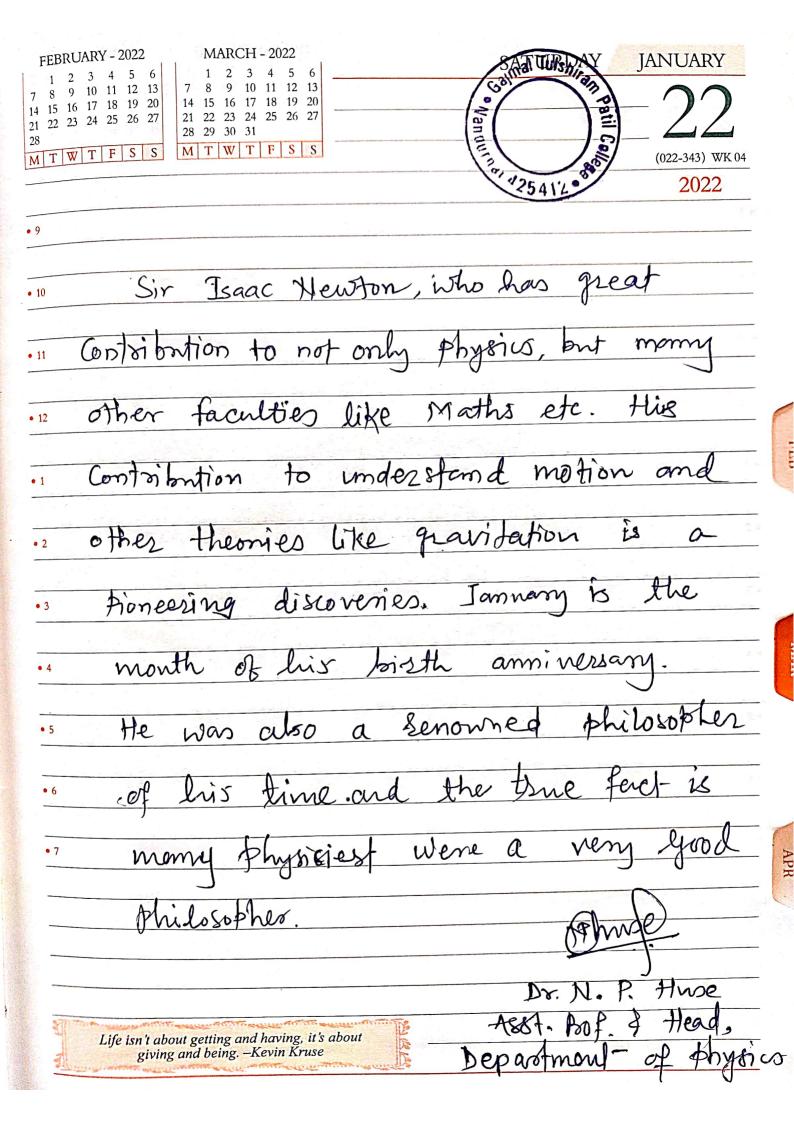
APR

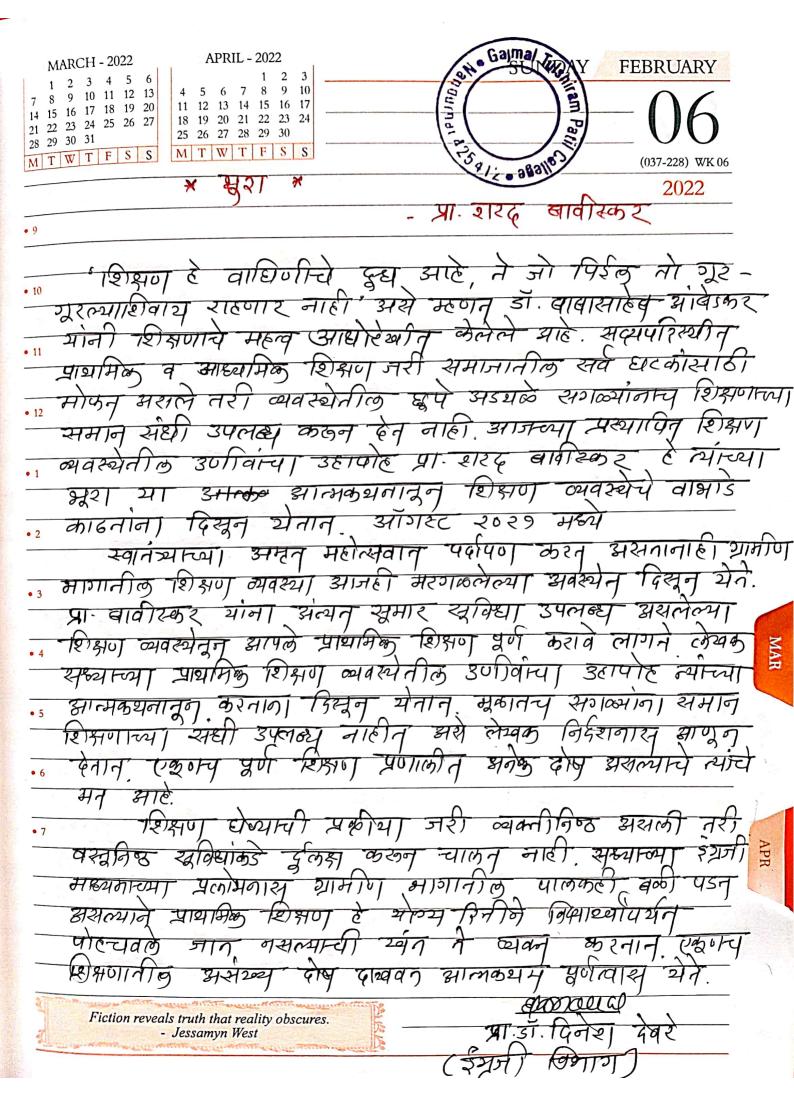
FEB

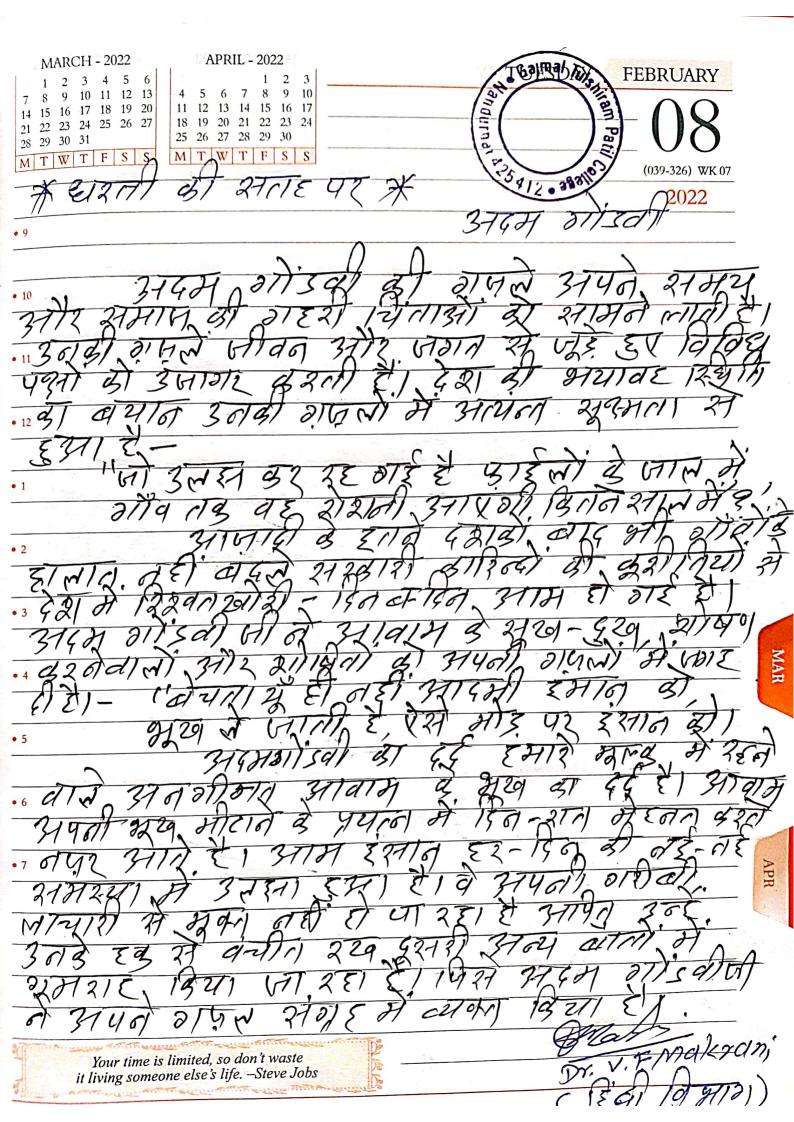


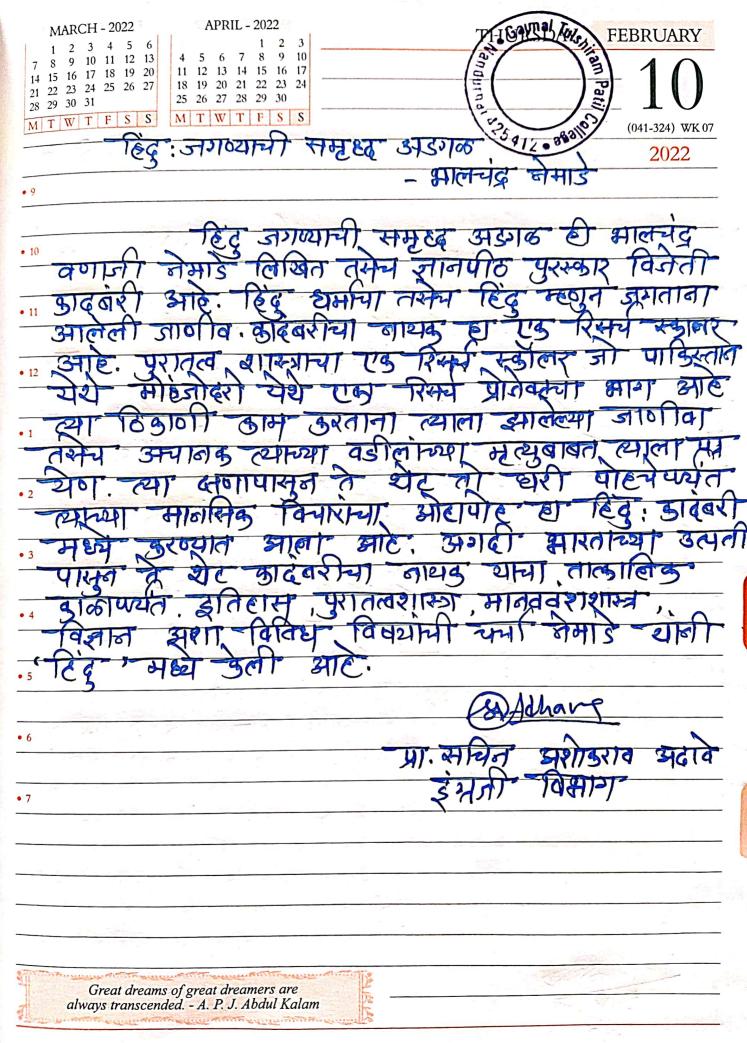


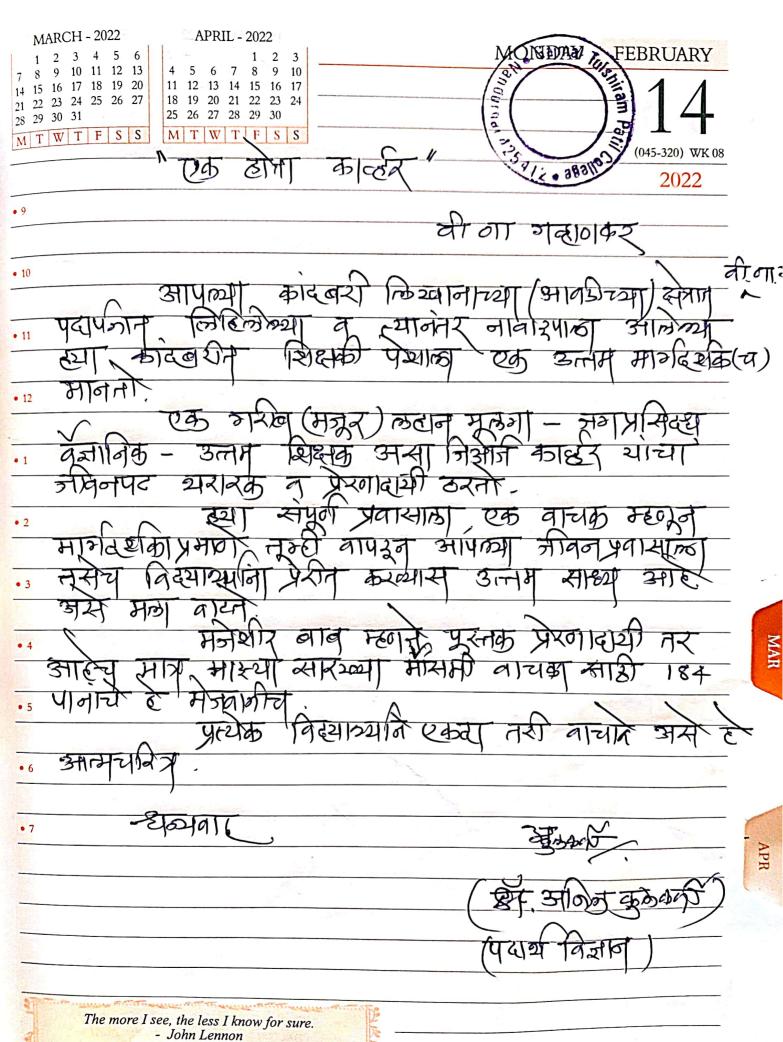


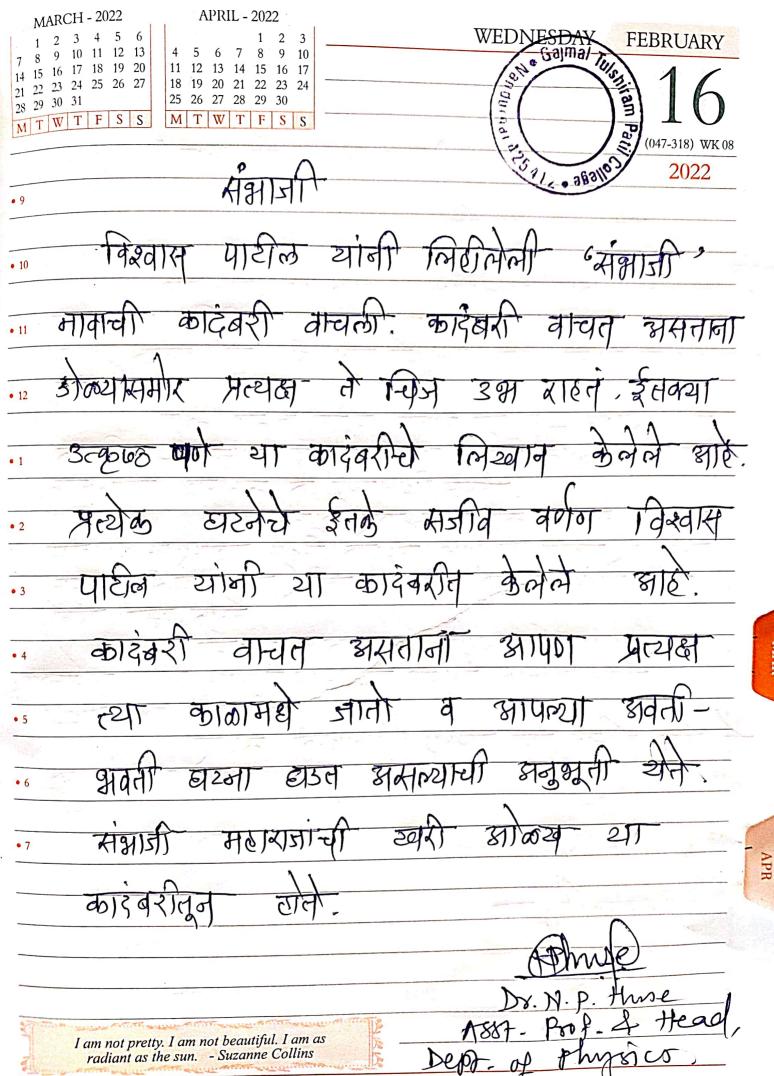












APRIL - 2022

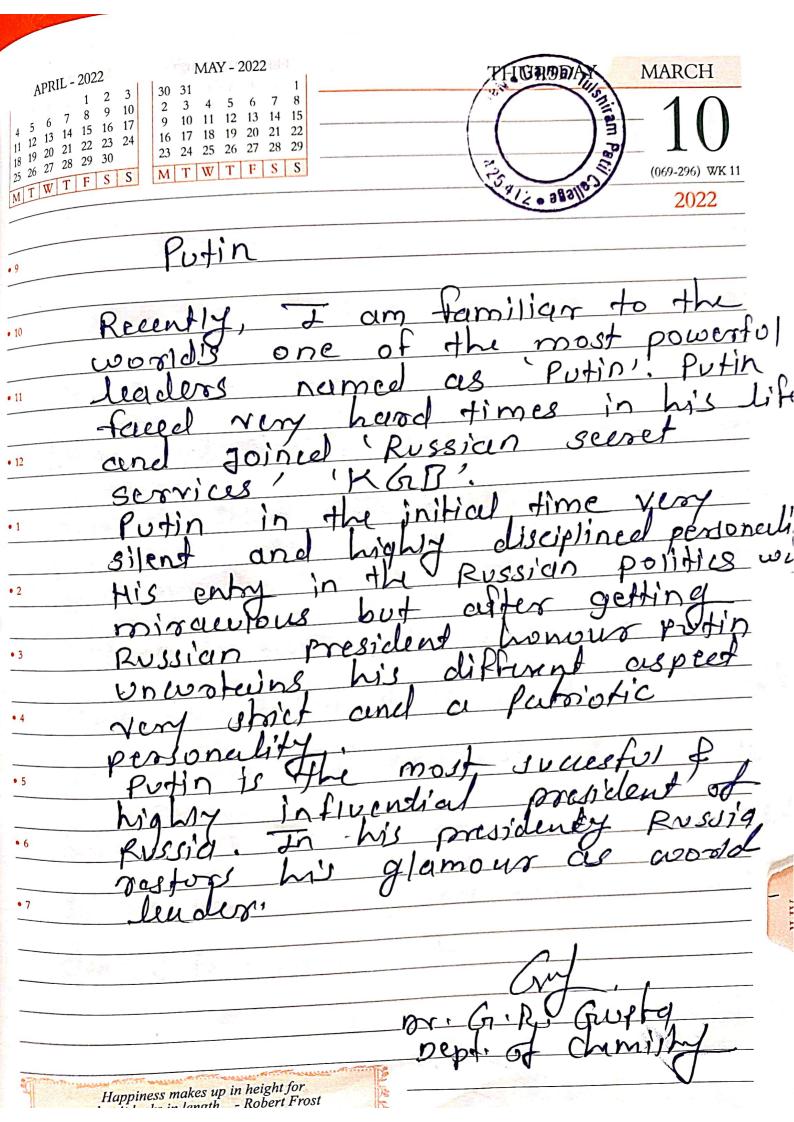
APR

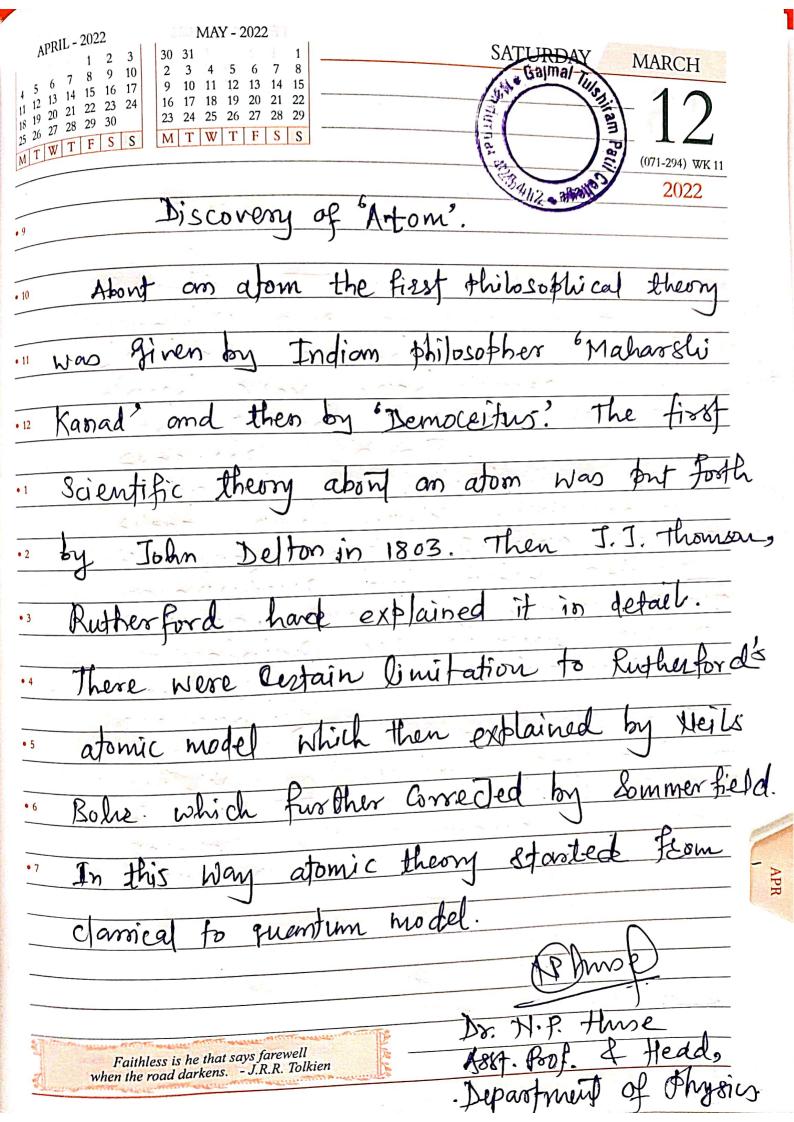
MARCH - 2022

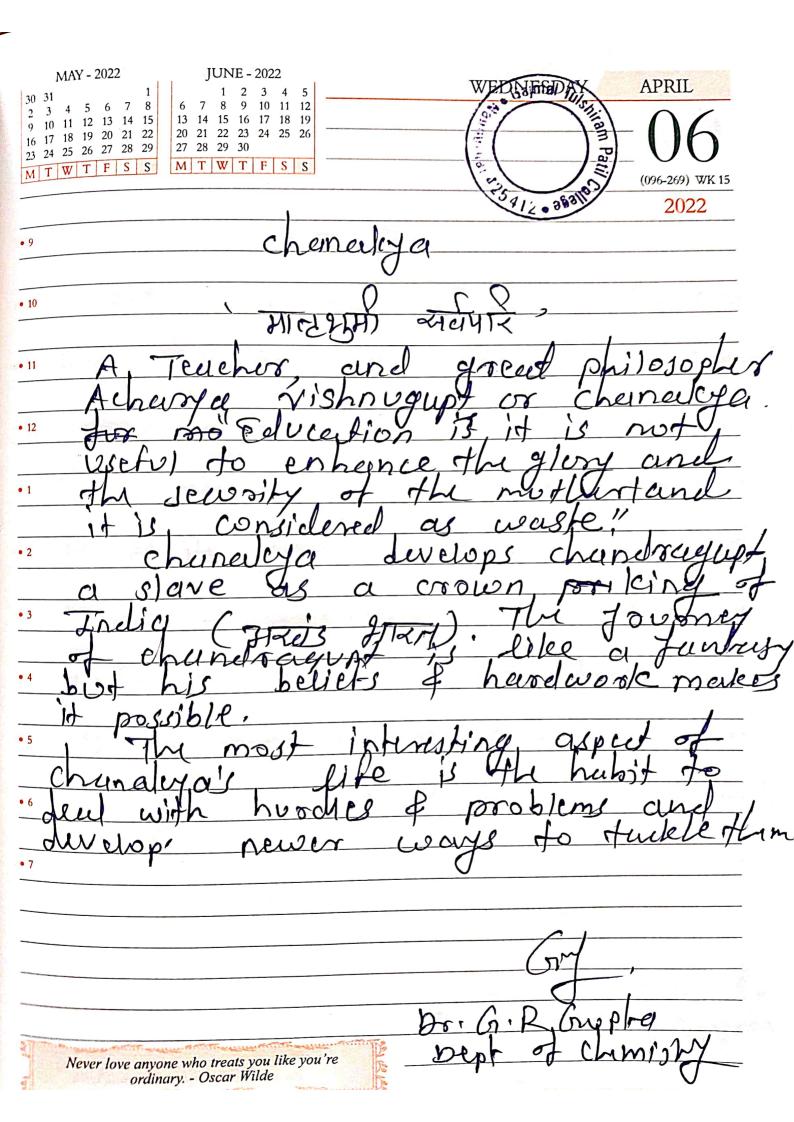
APRIL - 2022

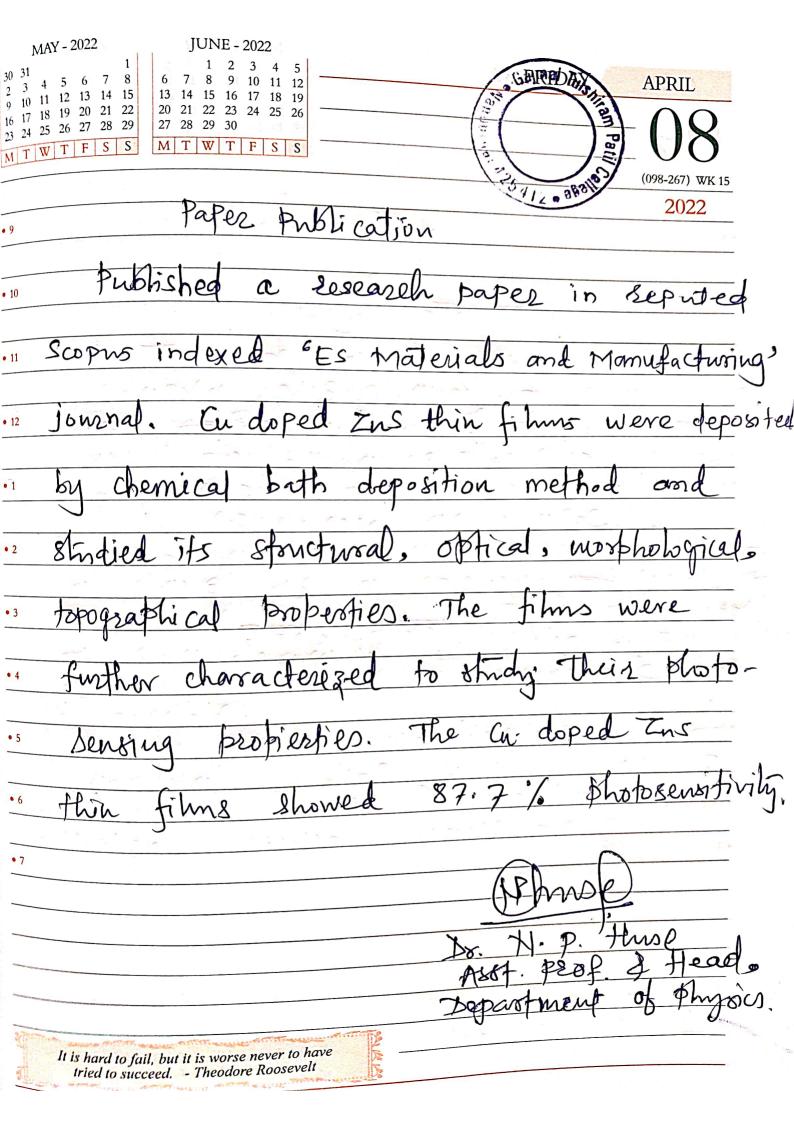
MARCH - 2022

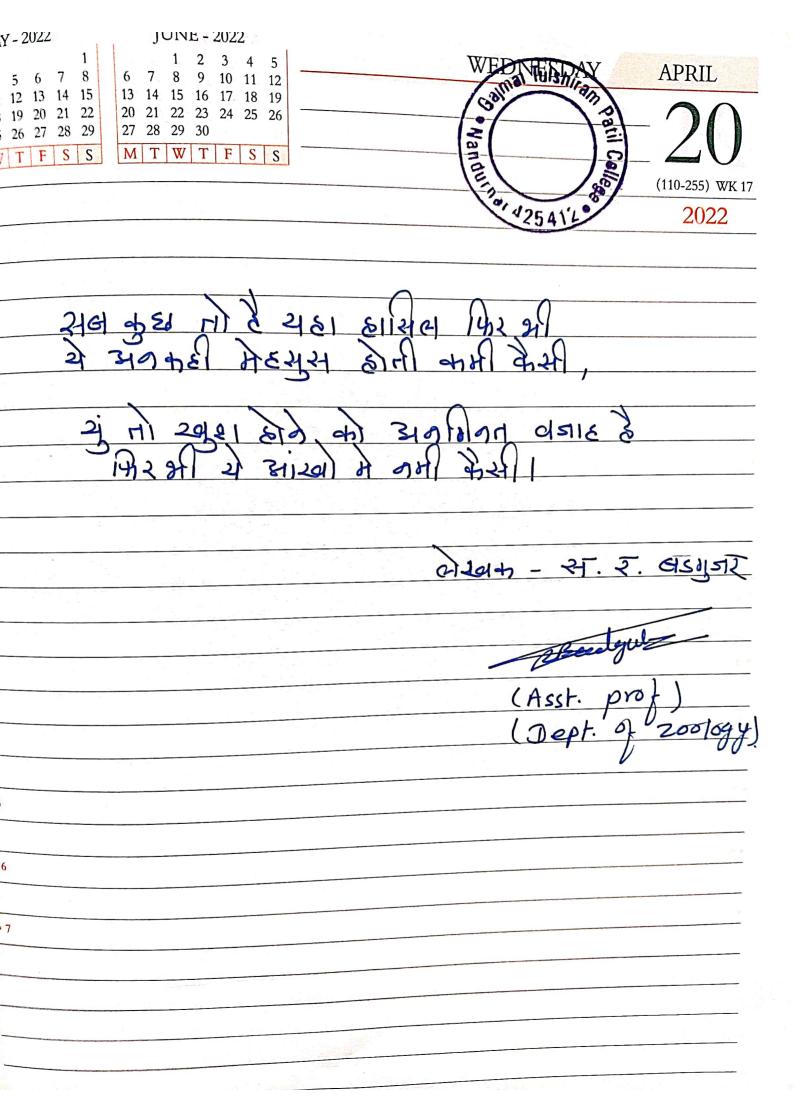
APRIL - 2022

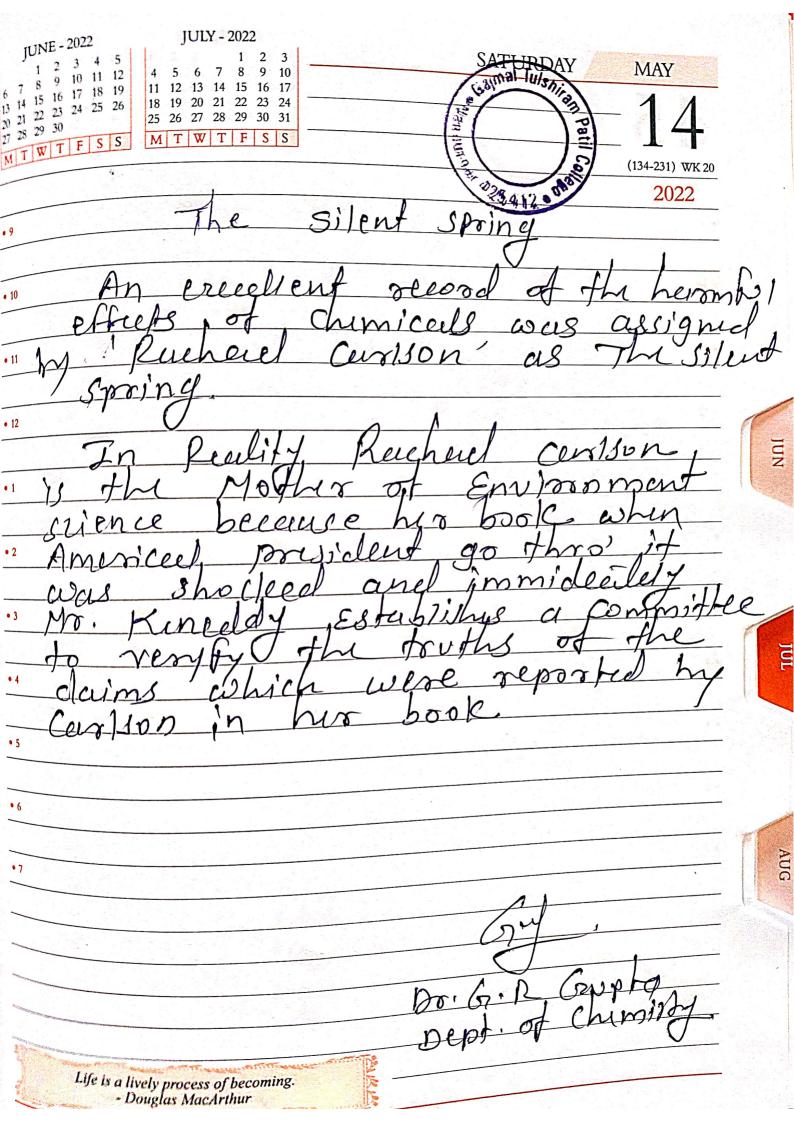


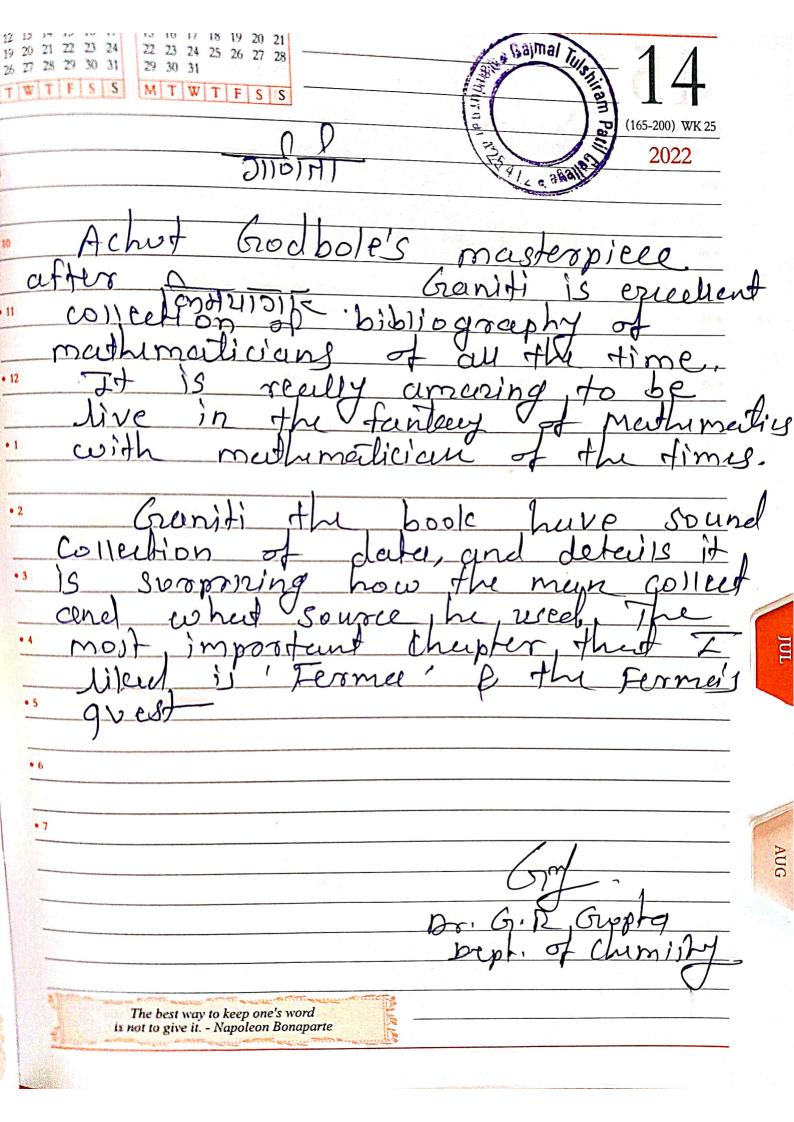


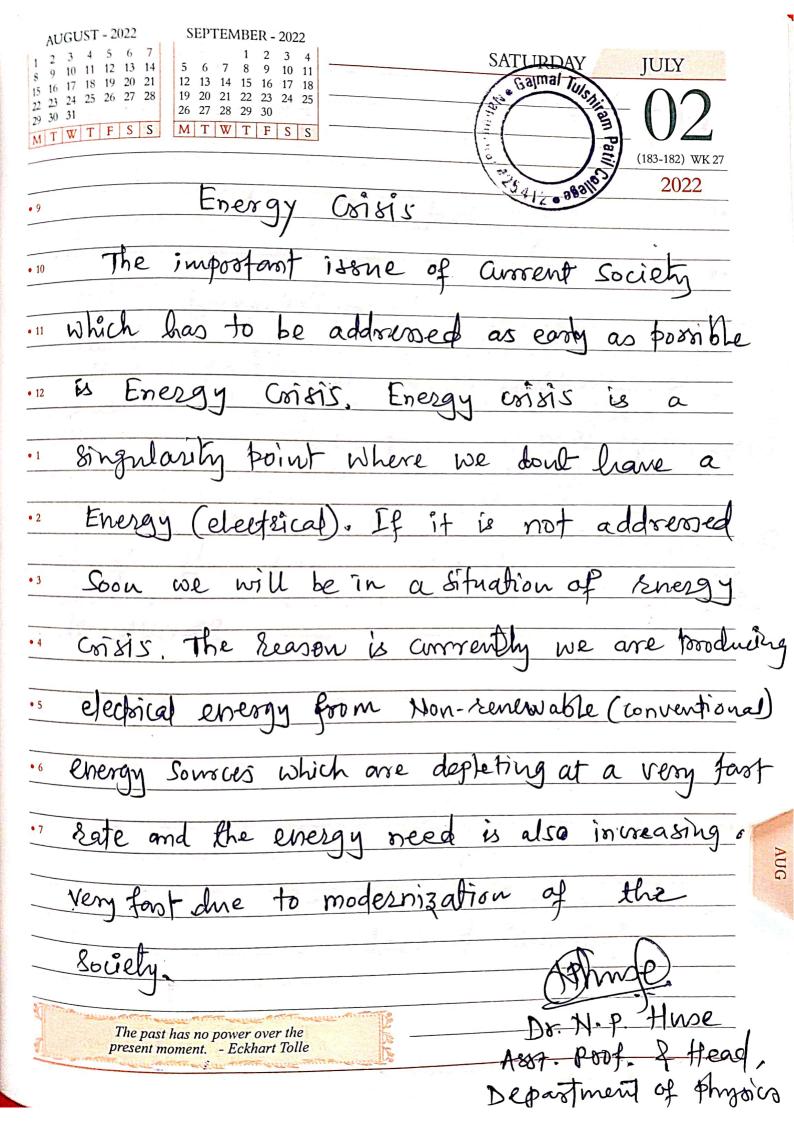


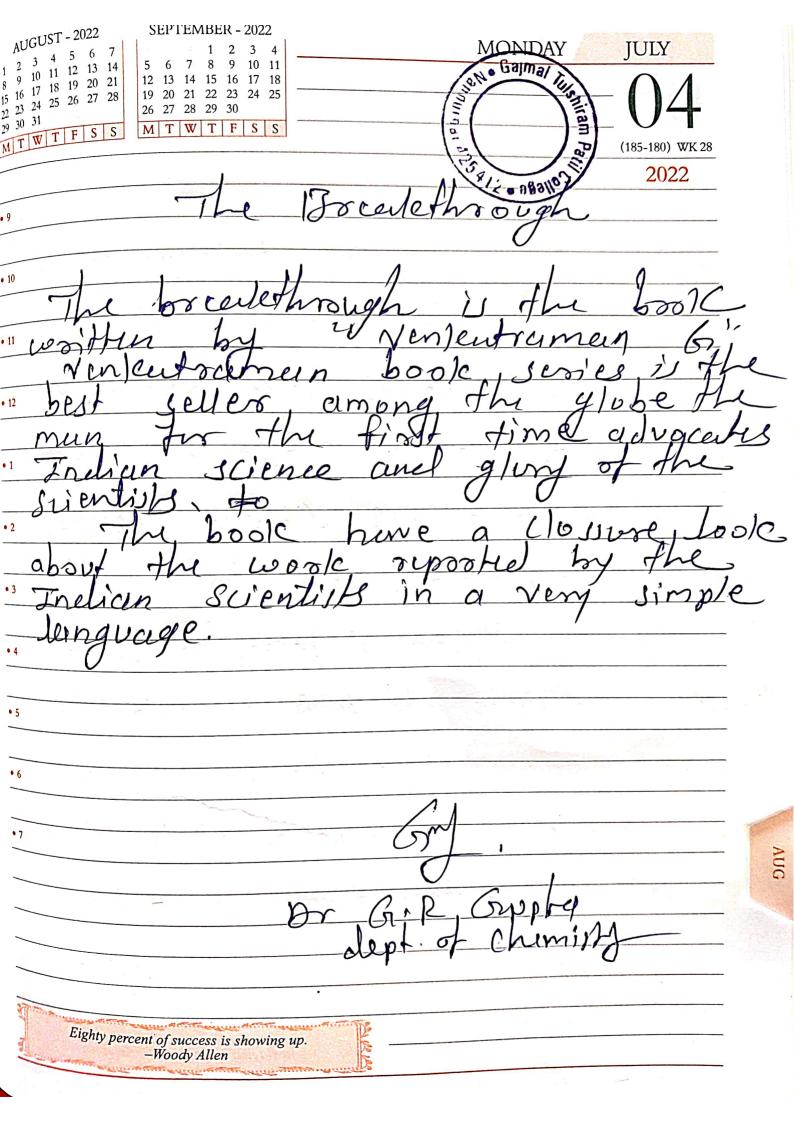


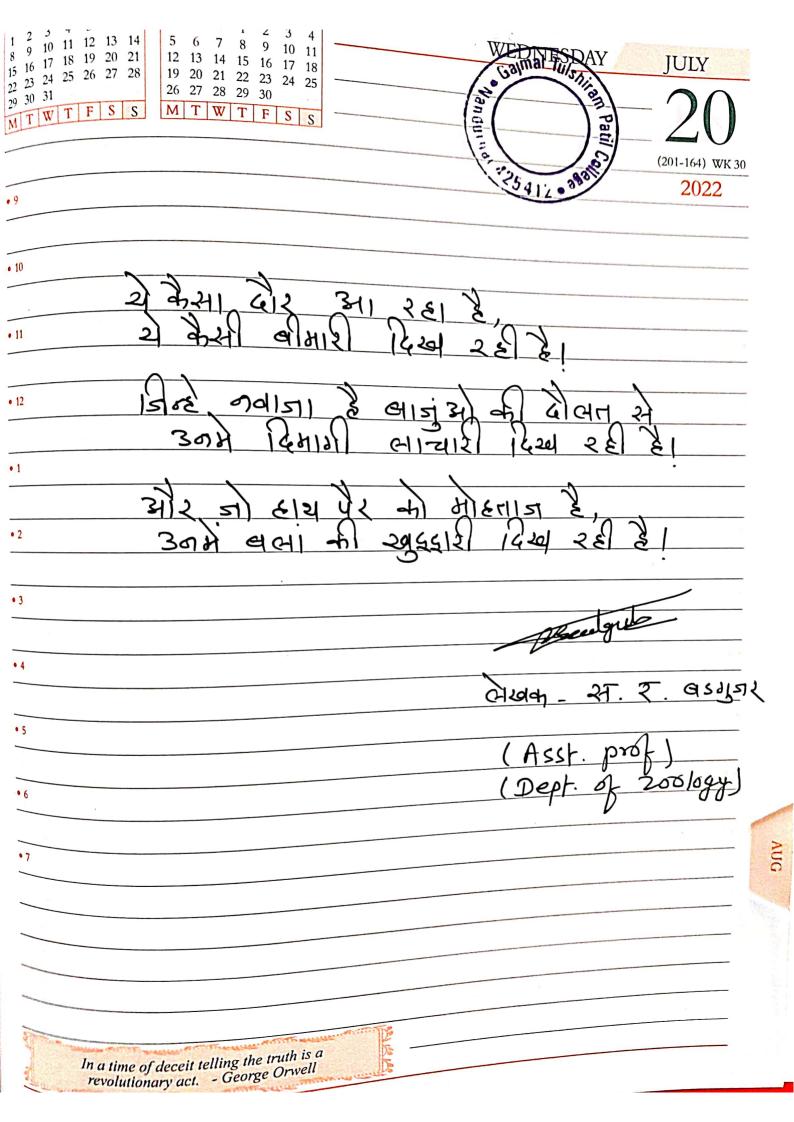




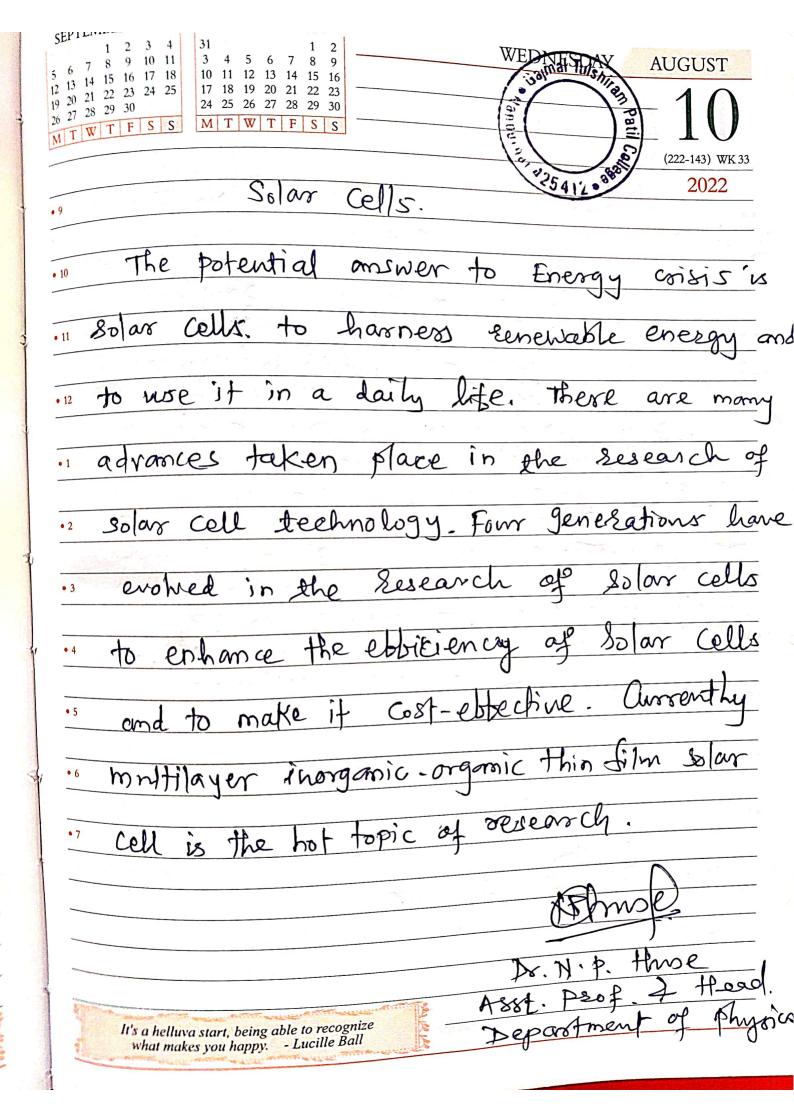


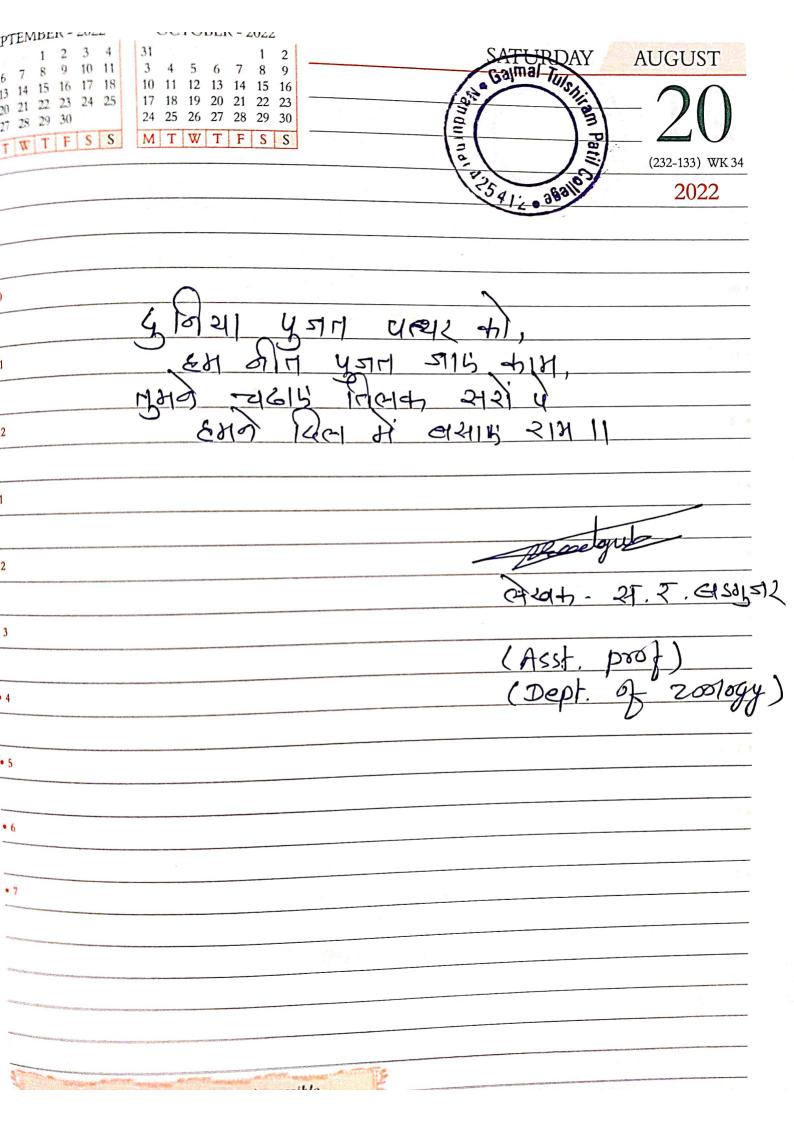


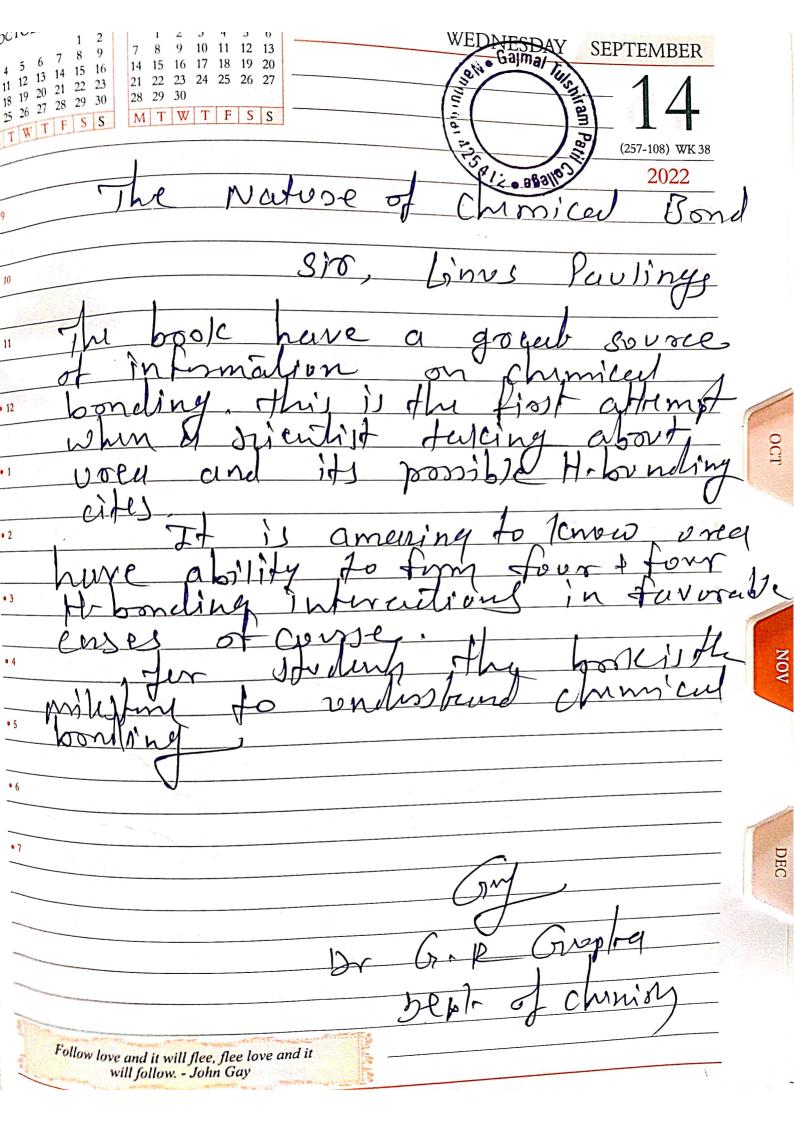




18 AUGUST 14 21 28 16 19 20 21 22 23 24 25 26 27 28 29 30 (220-145) WK 33 2022 • 1 Universe Everything you can imagine is real.
- Pablo Picasso







OCTOBER - 2022

10 11 12 13 14 15 16

17 18 19 20 21 22 23

4 5

1 6 7 8 9

industries

Absence sharpens love, presence strengthens it.

- Benjamin Franklin

NOVEMBER - 2022 2 3 4 5

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30

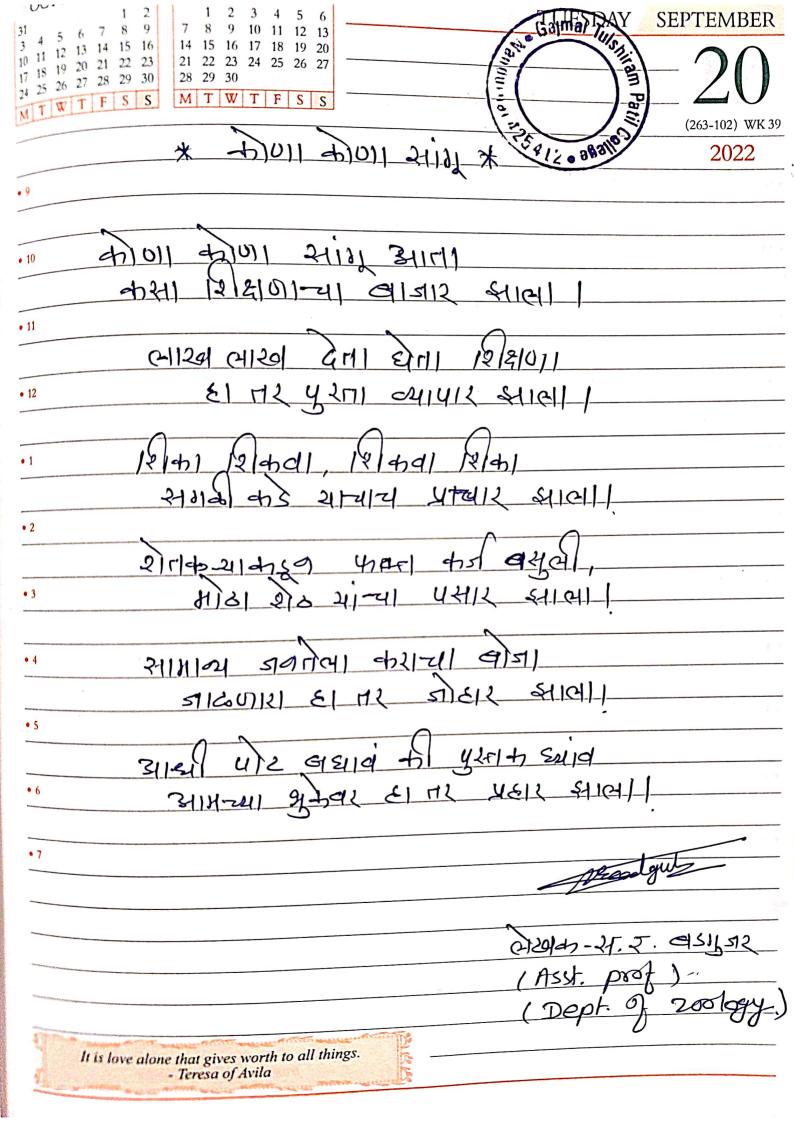
DEC

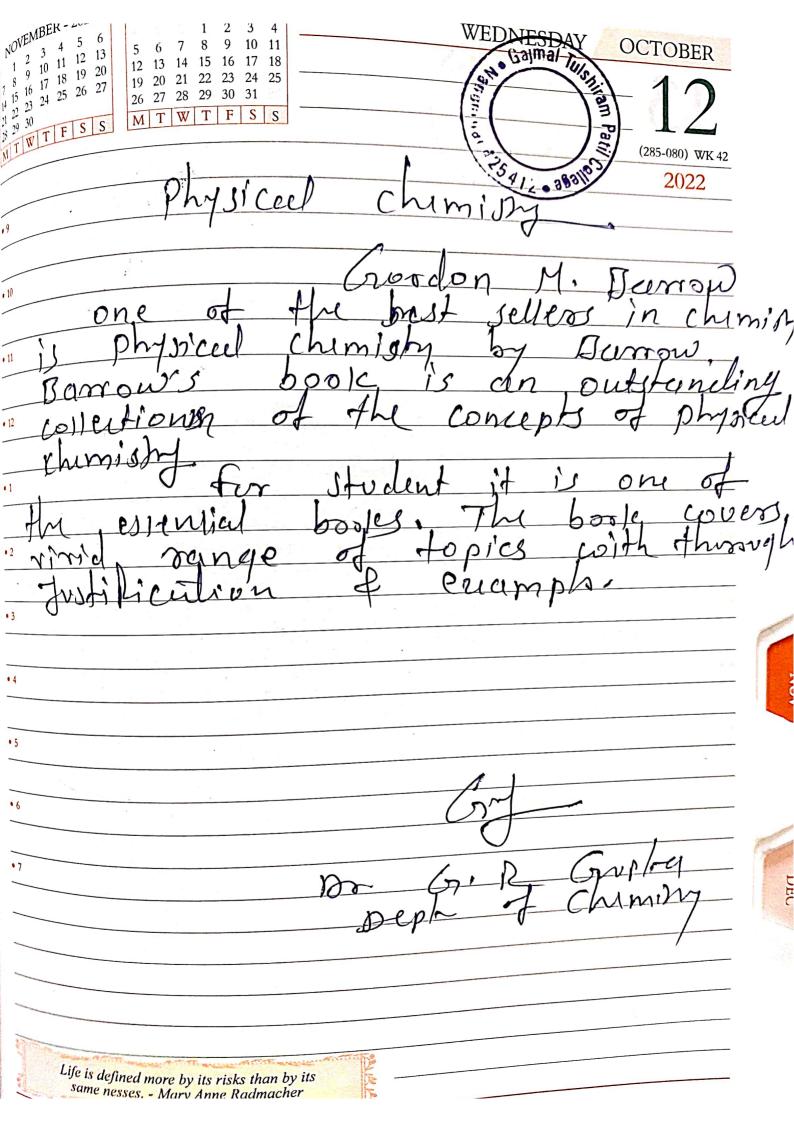
Dr. N.P. Home

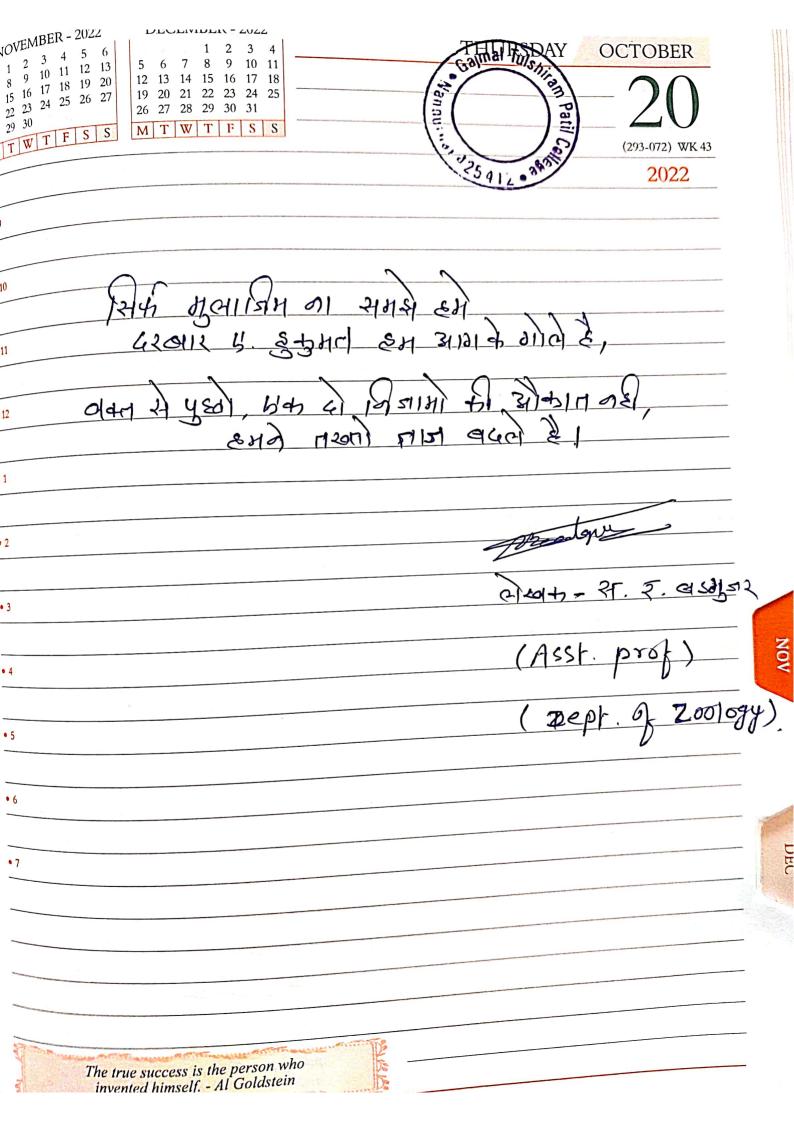
ASOJ. Prof 4 Head

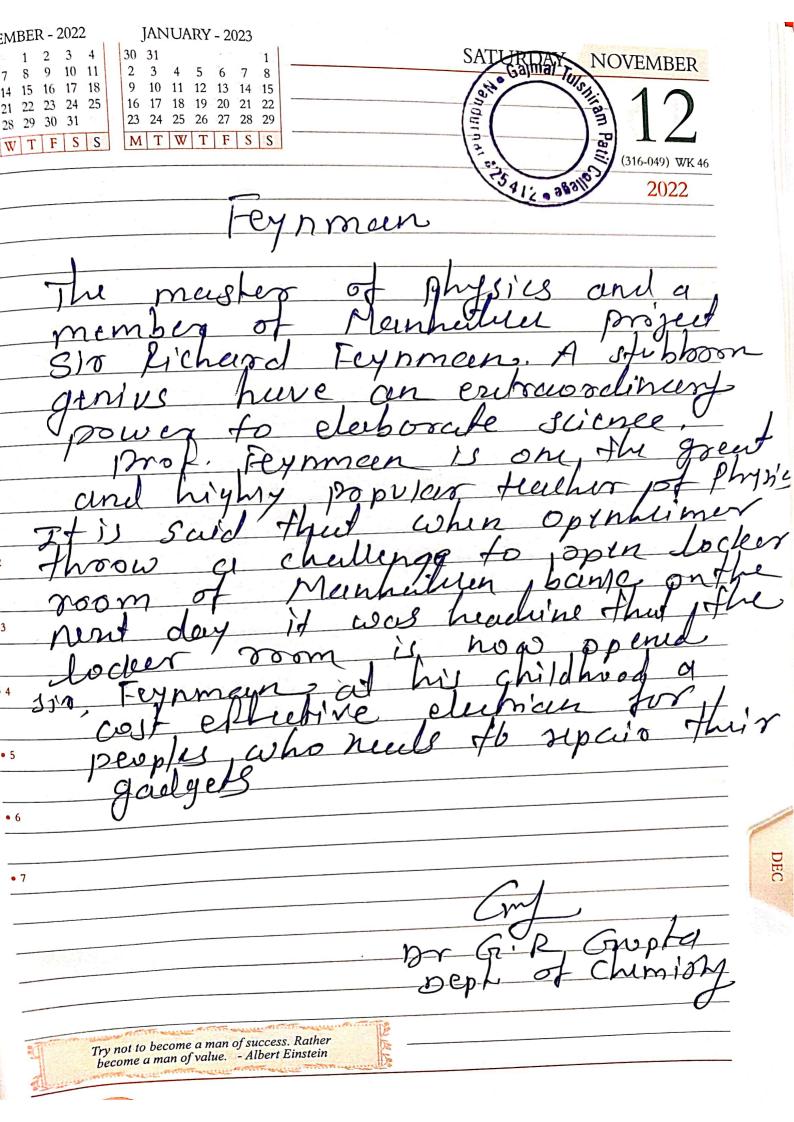
Departmen

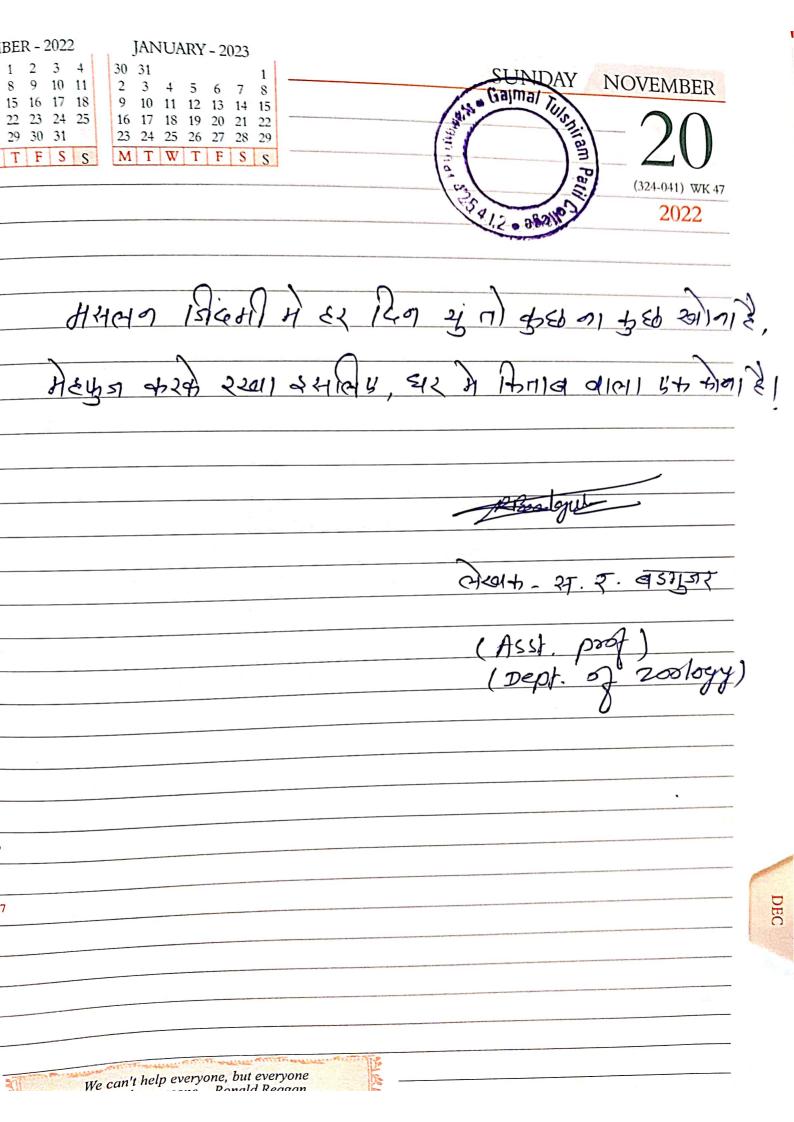
SEPTEMBER



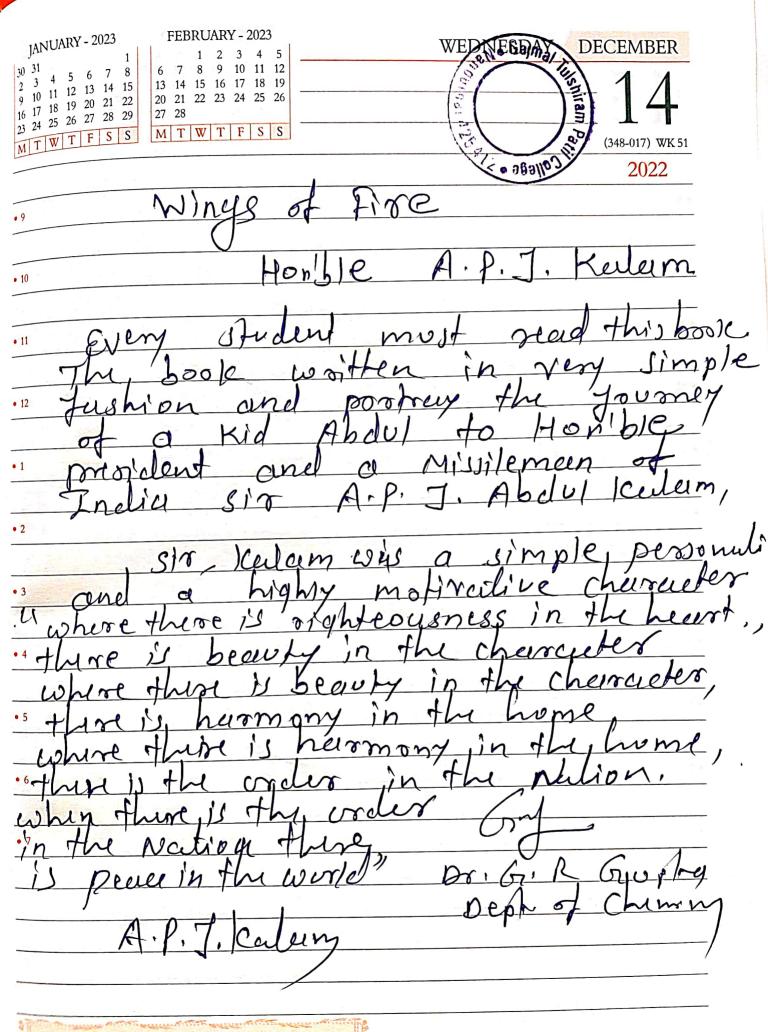








JANUARY - 2023 30 31
10 1) we are constantly explining new slaven tements seeking innovative 50125 to complex problem
12 2 from Artificial Intelligence to virtual reality, our lab embracy 11 emerging technological doining forware the Frontiers of computing.
3) Our lab is equipment with state of the cost equipment of serouses, enabling us to undertake and thouse 1 ambitions projects.
of all absorbing as students from repertise to our profest.
mr. A. R. Patel
We all need people who will give us feedback. That's how we improve Bill Gates



Life shrinks or expands in proportion to one's courage. - Anais Nin

JANUARY - 2023 FEBRUARY - 2023	TUESDAY DECEMBER
30 31 4 5 6 7 8 6 7 8 9 10 11 12	calmal Tu/sp
9 10 11 12 15 24 22 23 24 25 24	TUESDAY DECEMBER
16 17 18 19 20 21 22 23 24 25 26 27 28 29 M T W T F S S 20 21 22 23 24 25 26 27 28 M T W T F S S	(354-011) WK 52 2022
MIWIT	(354-011) WK 52
	2022
• 9	
U/8 0145) 21 5120141	
· 10 His orth Ella 3/11/1	f.
•11 शोद्य नकार्य न्यहरे	
वाचू ककोस स्वामाव आता	1
• 12	9 1
शंपल्या समन्त्या एउ।या	
•1 नमान्य केटला सराव या	1.d.1
वासाय कुडिया स्वराज म	
·2 201 H 1 202 (18) 201 MAIN	13
7/17 01411 311 311 31 3131 3	1146 2111
पार्थानको हिकाण, शोश्र तन	5) 6148 21111
• 3	.
त्या डाक्ट्या शक्ता प्रमदाच होता)	. 1
· में बाल कमा क्राणान यभाव यात	1.
	\cap
· 5 होना पु:2017 ज्ञांच्ही, जाही के	ण्यायाया,
स्थि भाग दे चरास अरव कका	ाज्ञाव आया
• 6	• 1 *
• 7	maradav
	(मेरबर्म - २र्न. र <u>सडमु</u> जर
	(Asst. prof)
	(Dept of 200/094)
A book without words is like love without	V V
a kiss; it's empty Andrew Wolfe	
The state of the s	