


R.K.S.D. (PG) COLLEGE KAITHAL
Detail of Student Assistantship Scholarship
2021-2022

Sr. No.	Name	Class	Roll No	Ch. No.	Amount	Signature
English 1	SHAGUN	MA I	221198152006	223417	10000	
English 2	SUNAINA	MA I	221198152001	223418	10000	
Sanskrit 3	ANUJ	BA I	1211982002401	223419	10000	
Maths Sanskrit 4	AMAN KUMAR	BA I	120198002178	223420	10000	Amann Kumar
Maths 5	Garima	BA II	1211982002025	223421	10000	

Above student have been selected by the committee for Student Assistantship.
Kindly allow me to issue cheque of Rs. 10000/- per student.


Dr. S.K. Goyal Principal
Principal
R.K.S.D. (P.G.) College
KAITHAL

Student Assistantship (English)

Session - 2021-2022

Applications received = 05

Interview held = 10th May, 2022

Selected students = 02

1. Shagun
MA (P)
Roll No
Check No. 22347
Date 09/11/22
check received
Shagun
9/11/2022

2. Sunaina
MA English (P)
Roll No

Geta Goyal
20.5.2022

Seema
20/5/22

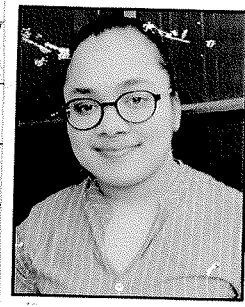
R/sir

Above students have been selected by the committee for students Assistant ship for the session 2021-22. Kindly allow to issue a check of Rs. 10000/- each to them.

G. Goyal
7/11/2022

Allowed

Seema
7/11/2022

2021-22

2

✓
The Principal
R.K.S.D (P.G.) College
Kaithal

Respected Sir

I came across information regarding a scholarship offered by our institution. I am currently my Masters in English from your esteemed college. I have always been passionate about the area of knowledge and would like nothing more than to continue my studies at your college.

I understand that you give your scholarships only to the brightest and needy students, which is why I believe that I am going to be a worthy recipient of the assistance offered by your scholarship program.

Below are my academic details and achievements

Name - Shagun

Father's Name - Mr. Rajesh

Mother's Name - Mrs. Seema

Class - M.A. English (P)

Category - General

① I obtained 81% in my graduation from Indira Gandhi Mahila Mahavidyalaya.

② I got 90.8% in 12th from Hindu Girls Sr. Sec. School.

Email ID - shagungarg264@gmail.com

PhNo - 7495073010

I am always ready to participate in various activities so that I can learn and explore myself.

My aim is to become a Lecturer at Re-knowned College or University as I am inspired by my teachers very much. I also want to serve the society as a teacher because I know the importance of a teacher in student's life. I want to become helping hand of my family as my father is struggling a lot to educate us. I am mentioning here all my achievements and academic record.

I shall be grateful to you if you kindly provide me the scholarship and help me to continue with my studies.

Thanking You
Yours faithfully
Shogun

Note: I am not getting any other scholarship.

2021-22

Student-Assistantship Report (2020-21)

Name Shagun

Email Address. shagunrg264@gmail.com

Class... M.A. English (final)

Roll No... 221198152006

Name of the village/town. Kaithal

Father's occupation .. Businessman

1. What was the process through which you were selected as student-assistant?

Our teachers.. selected some students, then they enquired about our goals and family, an interview was held, then we wrote an application and got selected.

2. How much amount did you get?

I got 10,000 ₹. Shagun, Bank Name - Canara Bank, Account No - 2045108018554

3. For what purpose did you use the scholarship money?

To achieve our aim to be a lecturer at renowned college or university. So, that I can become independent and can contribute to the nation development by as a teacher. Teachers play a significant role in nation building by inspiring youth. I will use this money in preparation of M.T. and various courses which would enhance me as a person and made me different from others.

4. In which activities did you participate as student-assistant?

I participated in all classroom activities - seminars, formed informative messages for the group. I have also written book reviews on 2 books -

- 1) Swami Vivekananda - His Dynamic Vision
- 2) The Story of My life - Helen Keller
- An article on Role of festivals in Modern life.

5. With whom did you get associated as student-assistant? Name the teacher/teachers.

Our respected teachers - Dr. Seema Gupta and Dr. Geeta Goyal

6. How were you benefitted by your association with your teachers?

I learnt a lot. My skills got enhance improved. Writing skills, communication skills and speaking skills through various activities. How can we do multiple tasks at a time. How to conduct various activities. We got confidence by performing in various activities.

.....
.....
7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

..... Yes, I want to pursue P.H.D. for becoming a lecturer.....

(b) Want to go for competitive exams, please specify the reason

..... Yes, to become a lecturer, I have to clear NET and JRF.....

8. Did you get any insight or idea about the research process during this process?

During research process, I read 2 different books for the first project. To write Book Reviews
1) Swami Vivekananda His Dynamic Vision
2) The Story of My Life - Helen Keller

I read the books twice or thrice which improved my perspective and got an insight into the life of different personalities

9. How was your overall experience?

..... It was the best learning experience. I learned different things. I am very grateful to my teachers for giving this opportunity.....

..... who also inspired me, discussed it with my teachers and prepared a final draft and submitted to my teachers.

Shagun
Signature

2nd Project - Role of festivals and Modern life

We have to write an article on Role of festivals and Modern life

In between the article, we have to add newspaper cuttings of different festivals in different newspapers. We

got an opportunity to read newspapers from a different perspective and tries to analyse it. Our teacher also helped us. She gave me different points for writing

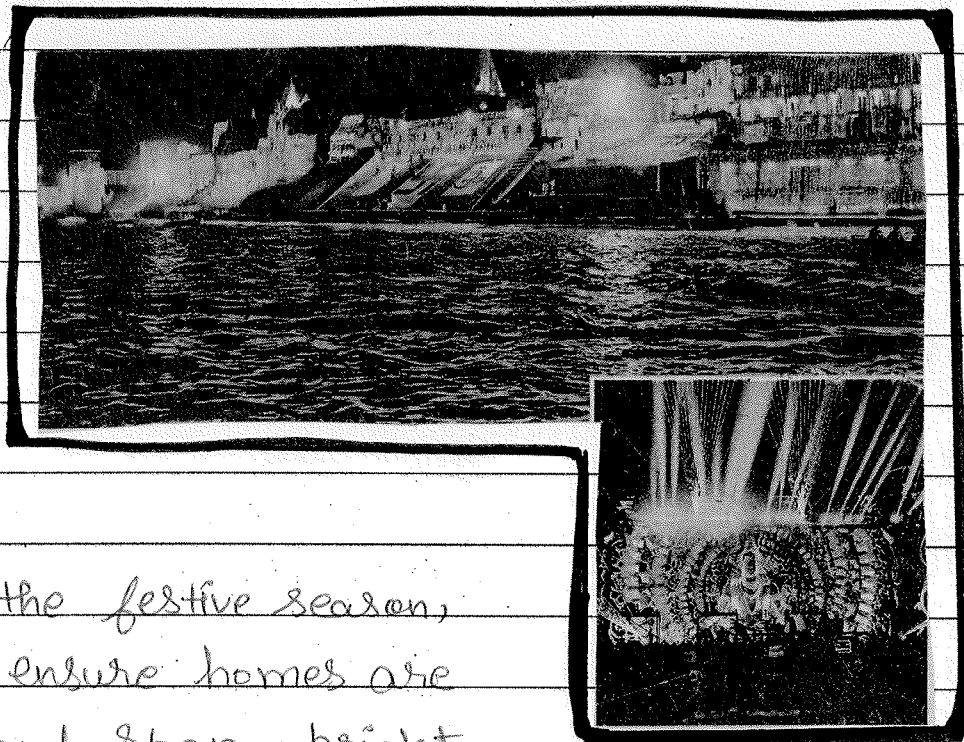
the article. Firstly I wrote as a just for the sake of collection of material and got it checked and then got prepared a final draft and got it checked.

Name
Topic Shaqun Class-MA English FinalRoll No
Date 22/10/15 2006

①

Role of Festivals In Modern life

India is known as Country of festivals. Every festival brings together people from all walks of life. It is this aspect of festivals that make the celebrations truly grand. It was more inclusive and even people with limited means could join in and enjoy the festivities.



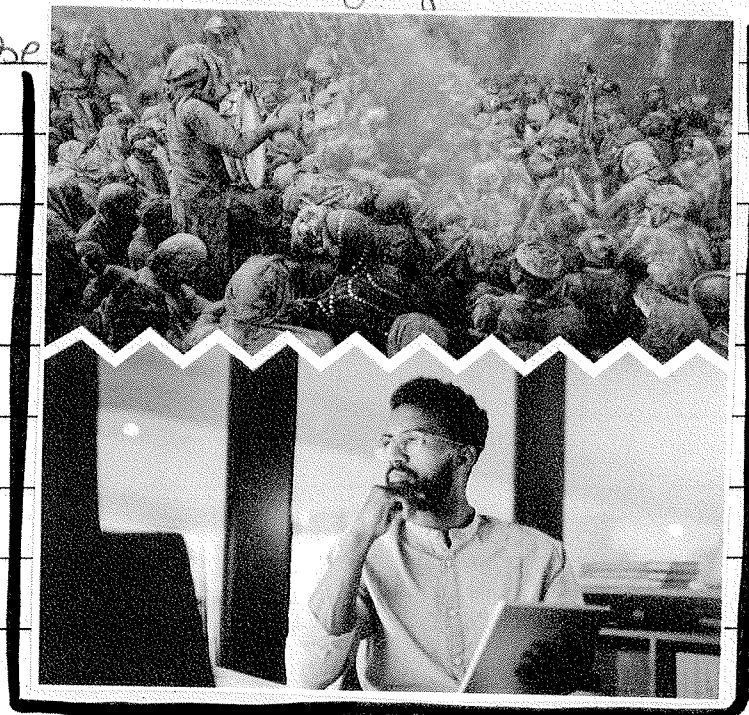
During the festive season, people ensure homes are spick and span, bright lights are everywhere.

even in public places.

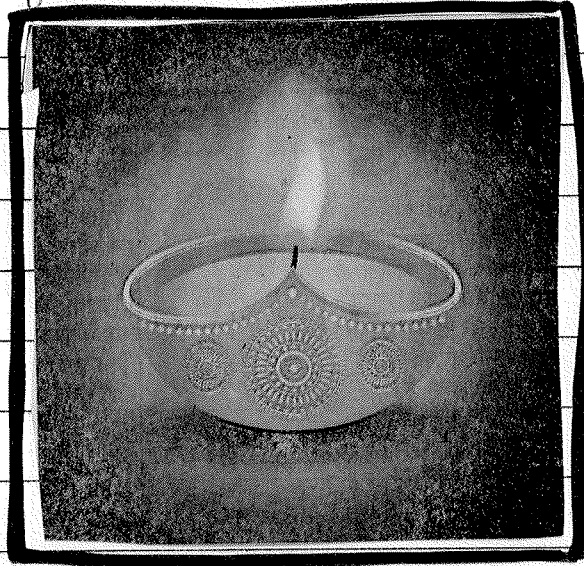
But now with the passage of time, the advent of globalization and a booming economy has had an impact on the way of our festivals celebrations today. Festivals have today become a time to flaunt your riches and enjoy the luxury of buying new clothes, gadgets etc. Festival celebrations have become more self-centered and moving away from its tradition. The simple things that would give us pleasure in celebrating festivals back then no longer enthrill us now. Today, the people have become career-oriented. You would n't be surprised to find people working on festivals and concentrating on their careers rather spend time with their families.

It is this change that is unwelcome because in future we would even forget the reason behind all these

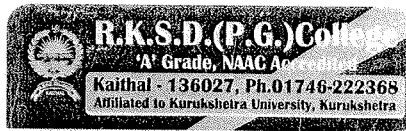
festival-
celebrations.



But despite of these harsh-realities of busy life. Festivals have much more to offer to the people. The exchange of gifts teaches children to share joys during festivals.



In my opinion, festivals are also moments that we need to reflect about our existence. We need to take this as a moment to be thankful and appreciative of all those who contributed to our life. We need to take into consideration that it is our duty to spread merry and light the lives of people like candles and diyas that festivals stand for.



Morning Session : 2021-2023



SHAGUN

**Master of Arts - English
221198152006**



Principal

Father Name : RAJESH

Mother Name : SEEMA

**Address : H.NO - 102/3 , 25,
MODEL TOWN JIND
ROAD, District:KAITHAL,
State:HARYANA,**

Phone No : 7495073010

Date Of Birth : 16-02-2000

Aadhar No :595296746972

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Website : rksdcollege.ac.in
E-Mail : rksdcollegek1@yahoo.com

केनरा बैंक  Canara Bank

NAME AND ADDRESS OF BRANCH:

Kaithal
CANARA BANK
Canara Bank, Chatrawas Road

KAITHAL
HARAYANA-132027
IFSC Code: CNRB0002045 MICR Code: 136015152
Tel No: 1746222822 Fax No: 1
Email ID: cb2045@canarabank.com

Contact details of Banking Ombudsman:
The Banking Ombudsman
C/o. RBI
Sansad Marg
New Delhi
New Delhi-110001
Tel.No.0000/0000
Fax.No.0 Email ID: bonewdelhi@rbi.org.in

2045108018554

ACCOUNT DETAILS

SHAGUN

खाता सं. Account No.

नाम Name(s)

Student

D/O RAJESH KUMAR, 108/25 JIND ROAD NEW GRAIN MARKET
KAITHAL, KAITHAL-136027-HR-INDIA

**Mention 13 digit account number
for all inward RTGS/NEFT
remittances and enjoy hassle free
direct credit to your account**

व्यवसाय Occupation

पता Address

11367400

16/02/2000

ग्राहक आई डी Customer ID

जन्म तिथि Date of Birth

खाता खोलने की तिथि
A/c Opened on

26-FEB-2011

PPO No:

नामांकित का नाम
Name of Nominee

0

कृते केनरा बैंक For Canara Bank

नामांकन की पंजीकरण संख्या
Nomination Registration No.

अधिकारी / प्रबंधक Officer / Manager

Topic.....

By Shagun

Book Review

Name of the Book ⇒ The Story of My Life

Author ⇒ Helen Keller

Publisher ⇒ New Saraswati House

Chapters ⇒ 23

Pages ⇒ 228

Price ⇒ 175₹

Publishing Year ⇒ 1903

The Story of My Life is an autobiography of Helen Adams Keller who was an American author, political activist and lecturer.

Helen published her autobiography at the age of 22. The novel tells us the story of her life upto the age of 21. It was written during the second year of her study in Radcliffe college.

This book became one of the most famous books of the twentieth century because the story is inspiring and teaches us to do hardwork in every difficult situation.

The theme of the book is the power of preservance to overcome obstacles.



Topic.....

Finally, she was ^{able} eager to speak and was eager to go home.

As she said: "Every struggle is a victory". She proved it after her dedicated efforts. She went on several adventures with Miss Sullivan.

The book has a beautiful description of nature. In the beginning of the book, we got the description of "Juy Green" attached to her little house and considered it as a paradise.

In 1892, she wrote a story named "The Frost King" and gifted it to Mr. Anagnos. But it was found similar to a story written by Miss Margaret in her book called "Bardie and his Friends".

A controversy arose and she was questioned and cross-questioned about the book. This incident left the narrator in tears and she wanted to end her life. She lost her dearest friend Mr. Anagnos after this incident.

The narrator says that she has given us an account of the book written by her in order ^{so that} there should be no ^{her} misunderstanding and because it was important in ^{her} life and education.

In 1894, the narrator accompanied by Miss Sullivan went to Wright Himmason School for the Deaf in New York city. They chose that school because it was the best for continuing the development of narrator's speech and lip reading skills.

She also faced the greatest sorrow in that very year - the death of her father.

Topic.....

Book Review

Name of the Book: Swami Vivekananda : His Dynamic Vision.

Author : Dr. H.L. Agnihotri

Publisher : Mrs. Bimla Patil

Publication : Aman Prakashan

Price : ₹ 200

Chapters : 11

Pages : 183

Swami Vivekananda (1863-1902) was a Hindu monk and one of the most celebrated spiritual leaders of India. He was also known as a prolific thinker, great orator and passionate patriot.

This book written by Dr. Agnihotri offers us a comprehensive analysis of the socio-religious, political and educational implications of Vivekananda's teachings.

This book begins with an account of family background and the development of Narendranath. Each chapter justifies the title itself.

He was born on 12th January 1863 which is

Topic.....

Spiritualism, science and service as Vivekananda would have it constitute the mantra for nation-building.

Vivekananda tells us that it is the vision of unity and harmony underlying all creations including man that binds these mighty souls to the unbroken tradition of spirituality developed on the Indian soil.

Swami Vivekananda as a harbinger of Renaissance and as an inspired teacher of humanity emphasis on the cultivation of the soul which implies the awakening of the soul to the knowledge of the true self.

"To help the suffering world was the gigantic task to which Buddha gave prominence, brushing aside for the time being almost all other phases of religion; yet he had to spend years in self-searching, to realise the great truth of the utter hollowness of clinging to a selfish individuality."

- Swami Vivekananda

Swami Vivekananda believes that social justice goes with economic and political justice.

This book offers us a glimpse of Vivekananda's life. Each chapter begins with different quotes of various thinkers.

It also provides the critical analysis of Vivekananda teachings done by different critics. The language used by the writer gives us double and deep meaning to understand the primary purpose of life.



Student-Assistantship Report (2020-21)

~~Not selected~~

Name ...Sunaina...
Email Address. dherival sunaina7@gmail.com
Class. M.A. [English]
Roll No. 221198152001
Name of the village/town. Kaithal.....
Father's occupationX.....

1. What was the process through which you were selected as student-assistant?

The department of English selected some students and enquired about our family and goals. I wrote an application regarding our achievements and then an interview ^{was} held and I got selected.

2. How much amount did you get?

I got ₹ 10,000/- Name - Sunaina, Bank Name - Punjab National Bank, Account No - 0248600111257218

3. For what purpose did you use the scholarship money?

This scholarship money will help me to achieve my dream of being a professor. I will try to get coaching for the preparation of NET, JRF and this would help me to get admission in renowned University.

4. In which activities did you participate as student-assistant?

I participated in various classroom activities. I have written two book reviews ^{and} an article. The books are as follows -

- 1) Wings of Fire - An Autobiography on A.P.J. Abdul Kalam with Arun Tiwari
- 2) I.K.I.G.A.I. - by Hector Garcia and Francesc Miralles, An article on - "Role of Festivals in Modern Life"

5. With whom did you get associated as student-assistant? Name the teacher/teachers.

With our teachers Dr. Greta Goyal and Dr. Seema Gupta.

6. How were you benefitted by your association with your teachers?

This benefitted me to improve my writing skills and communication skills. It helps me to gain self-confidence and also pushes me up in life. I learn how to do multi-tasks at a time.

7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

Yes, I want to pursue doctorate course (Ph.D)

(b) Want to go for competitive exams, please specify the reason

Yes, to pursue my higher studies I will appear in UGC NET and GATE.

8. Did you get any insight or idea about the research process during this process?

I got an opportunity to read different books regarding book review activity. During research process, I read two different books for the first project, to write Book Reviews on -

1). Wings Of Fire - An Autobiography of A.P.J. Abdul Kalam with Arun Tiwari.

9. How was your overall experience?

It was my one of the best learning experiences. I am grateful to my teachers for giving me this opportunity.

2) GKIGAI - by Hector Garcia and Francesc Miralles.

I read the book twice which ^{helped me} improved my perspective and also got an insight into the life of different personalities, which inspired me.

2nd Project → An article on "Role of Festivals in Modern Life"

I have to write an article on "Role of Festivals in Modern Life". I read many English newspapers for this project, which guided me to write an informative article. Our teachers also assisted us to make this study more descriptive and informative. Newspaper reading also helped me to improve my reading and communication skills.

Juvaira
Signature

Topic Project on "Role of festivals in Modern
life". Date _____

(P)

Role Of Festivals In Modern Life

India, being the Land of festivals, comprising various religion, culture and traditions have served all people to their full health through the tool of celebrating festivals. Life is all about maintaining mental peace, happiness and good health. Culture, beliefs, traditions, social interaction these all keep us happy and build a strong inner power within us. This can be achieved through the celebration of festivals. Festivals are an expressive way of celebrating our culture, traditions and heritage. There are numerous festivals celebrated in India like, Gandhi Jayanti, Independence Day, Dussehra, Diwali, Eid-ul-Fitr, Gurus Nanak Jayanti, Holi, Raksha Bandhan etc. Each festival has its own history, story, meanings and more.

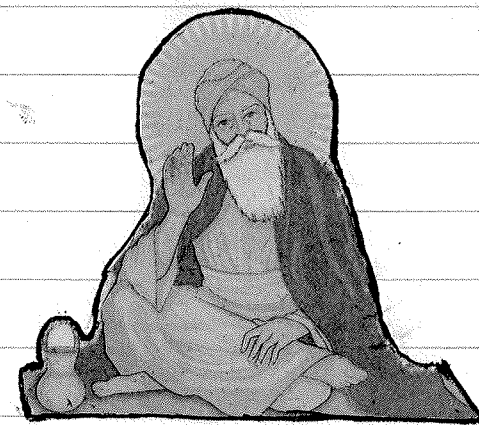


गांधी जयंती



Festivals are the time for us to rejuvenate the spirit and explore our connection with nature. Through, festivals we grow at social, family and personal levels. Serving as

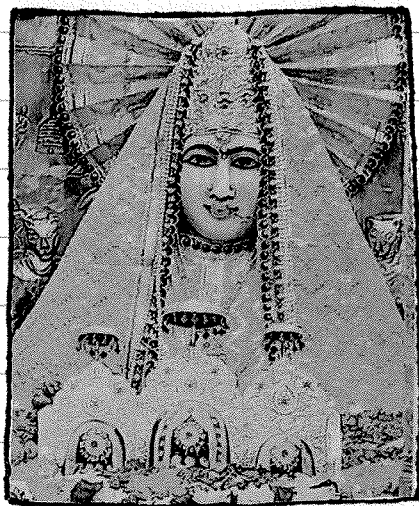
the best instrument and means to strengthen our bond with our culture, festivals educate us about our value systems, ancestral heritage and connection with nature. Festivals bring us closer to our culture by bringing the families together. Festivals bring us closer every year and eliminate the feelings of communal hatred. Further, they strengthen the bonds of the community and remove the malice from people's hearts. Celebrations are nothing but the symbol of peace and happiness. This is why our festivals draw a unique picture for the rest of the world to follow as a brilliant example of harmony. Every Indian religious festival has a story behind it. These stories carry a message for all common men. Most of the festivals like, Diwali, Holi, Dussehra convey the message of peace and the victory of good over evil.



India is a agricultural country and these seasonal festivals ^{are} important. Seasonal festivals generally focus on cultivation. for example, Lohri in Punjab, Onam in Kerala, Pongal in Tamil Nadu, Bihu in Assam etc. These festivals symbolise the arrival of Joy and

wealth to farmer's life.

But, with the changing times there has been a change in the form of festivals. In today's hasty life style we all are so much busy that we are not even able to celebrate festivals with the same zeal. Increasing poverty, Inflation, lack of time, increasing influence of the market, have definitely affected the ways of celebrating festivals. Back in the times festivals were more inclusive and even people with limited means could join in and enjoy the festivals. But, due to the advent of globalization and a roaring economy has caused an impact on our festivals celebrations today. Festivals have today become a time of show off from wealth. Everyone have become more self-focused and have moved off from the tradition. It is more about instant gratification now. In the past, people used to live in joint families and the charm of celebrating the festivals were completely different compared to the nuclear families of today.



शुभ नवरात्र

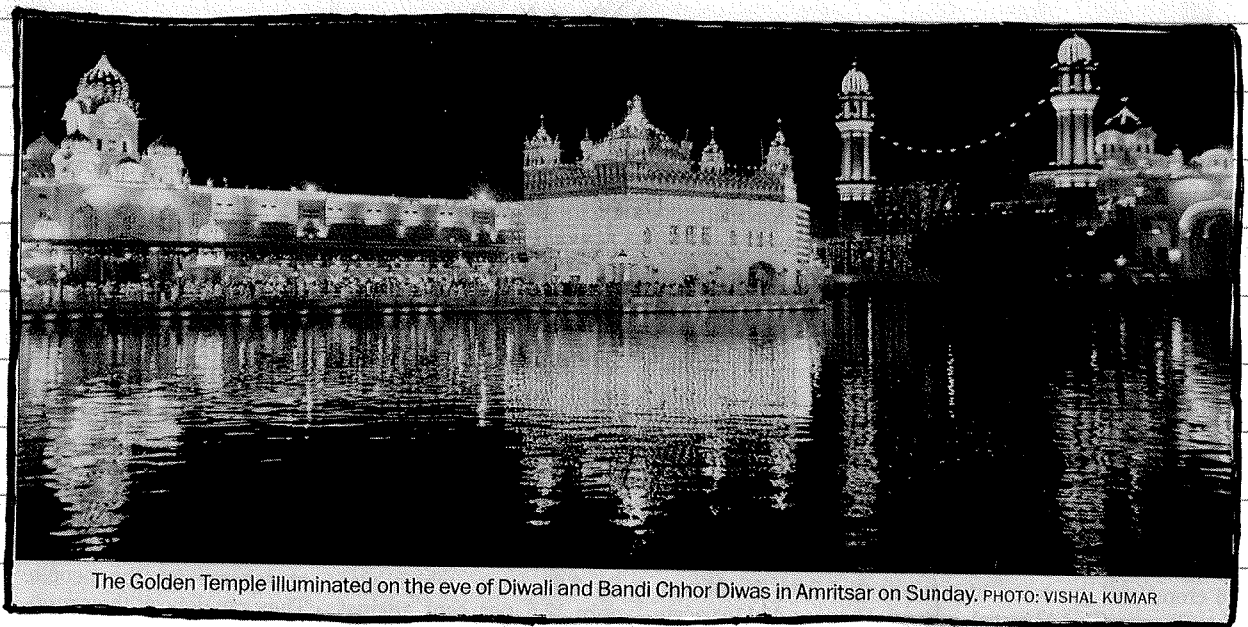


The meaning of festivals has reduced to just a holiday. The celebrations have become self centered. Today, Money equals happiness.

people working on festivals rather than spending quality time with their families. We can say that, festivals have lost its traditional charm.

Festivals are significant part of Indian culture, acting as a vehicle for the presentation of our values and emotions. Festivals bring bonding, love, cross-cultural exchange and unity among people. Festivals teach us how to fight evil and falsehood and establish the truth. The festivals are marked by hope, emotions, zeal, warmth of brotherhood and prayers for a better future. It is said that -

“Greatness of a culture can be found in its festivals.”



The Golden Temple illuminated on the eve of Diwali and Bandi Chhor Diwas in Amritsar on Sunday. PHOTO: VISHAL KUMAR



3100 ROAD, - 136027 (Phone: 01746-223509, 222903)

खाता विवरण / ACCOUNT PARTICULARS

MICR Code: 136024302
 IFSC Code: PUN80024800
 Toll Free-18001802222/18001032222, Tolleed-01202490100
 Branch Officer: Phn-01128044907*
 Mode of Operation : SELF
 Customer No. : R02303748
 Account No. : 0248000111257218 INR
 ACCOUNT NAME OO SURENDER SINGH SINGH
 Account Open Date : 25-05-2018
 R 567
 SUDASH NAGARKAITHAL
 MOOR N 02
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 HARYANA INDIA Pin: 136027
 Registration Registered at Sl.No. : 2568812105

*Contact करें।
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'A' Grade, NAAC Accredited

Kaithal - 136027, Ph.01746-222368

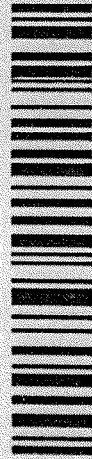
Affiliated to Kurukshetra University, Kurukshetra

Morning Session : 2021-2023



Sunaina

**Master of Arts - English
221198152001**



Sunaina
Principal

Father Name : Surender Singh

Mother Name : Santosh

**Address : H.NO 567, Subhash
Nagar, khurana Road,
Kaithal,**

**District:KAITHAL,
Phone No : 8683904676**

Date Of Birth : 25-11-1998

Aadhar No :371757312622

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Website : rksdcollege.ac.in

E-Mail : rksdcollegekt@yahoo.com

Topic

2021-2022

Date

(U)

✓
To Principal
R.K.S.D (PG) College
Kaithal

May 1, 2022

Subject - Application for Scholarship

Respected Sir,

Myself Suncina, I am writing this letter to let you know that I wish to apply for the fellowship programme in our college. I am a student of MA. (P) English in your college.

I want to include some information about myself. I have passed my graduation in 2021 from your college and score 76.1 marks. And now I am pursuing my masters degree in English from the same institution. During my graduation I have participated in various activities like seminars, webinars and National level e-quizzes in which I secured many certificates. I also gave an article for our college magazine published in 2019. Recently in masters I also actively participated in various activities like poster making in which I got 3rd position and 1st position in PPT competitions on (Robert Browning) and 3rd position in Enactment competition. In all I want to say that I am a dedicated and hard-working student.

After completing my masters I want to explore

the new field of digital marketing and I also want to gain knowledge in learning another Communicative Languages. As I lost my father at a very young age. So, this fellowship programme would definitely help me to fulfill my future goals. So, I humbly request you to consider my Scholarship application for this. It would really help me a lot. I am currently not getting any Scholarship.

Yours Sincerely

Sunaina

MA (P) English

221198152001

Note: I have neither applied nor getting any kind of Scholarship from college.

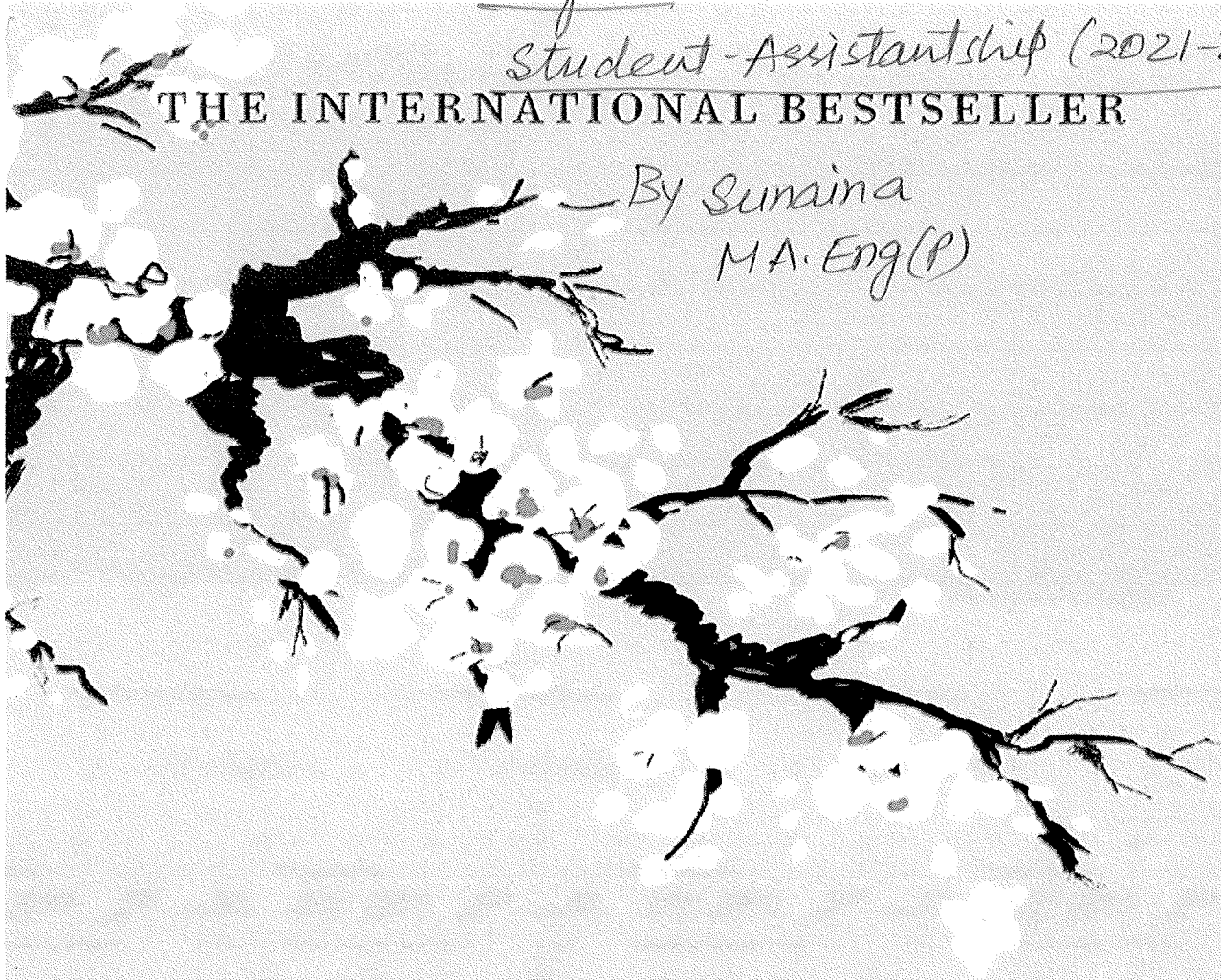
Project

Student-Assistantship (2021-22)

THE INTERNATIONAL BESTSELLER

By Sunaina

M.A. Eng(P)



IKIGAI

生き甲斐

The Japanese Secret to
a Long and Happy Life

HÉCTOR GARCÍA AND FRANCESC MIRALLES

BOOK REVIEW

TITLE → IKIGAI

AUTHOR → Hector Garcia & Francesc Miralles

PUBLISHER → HUTCHINSON

PRICE → 345

PAGES → 194 (Paperback)

FIRST PUBLISHED → 2016

What does Ikigai mean?

Ikigai is a Japanese concept that means your 'Reason for being'. 'Iki' in Japanese means 'life' and 'gai' describes 'value' or 'worth'. It means living a purposeful life. ✓

Ikigai was originally written in Spanish by Hector Garcia and Francesc Miralles. One of the authors, Hector Garcia is a former software engineer and a Japanese citizen though he was born in Spain. Ikigai has brought these two writers together in their efforts to find out the meaning of his mysterious Japanese word, and how it helps many of the Japanese in Okinawa celebrated their 100th birthday. In their efforts to find out what really Ikigai

is, the authors arrived at Ogimi, a village in Okinawa where there are 24.55 people over the age of 100. Ogimi, nicknamed as 'The Village of Longevity'.

The book focuses on their lifestyle and their interviews.

The interviews with the 100-year-olds. This book help us in knowing the culture, traditions, way of living, thought process of Japan and its people.

The book introduces us to various topics related to the art of living, such as the blue zones, longevity, logotherapy, diet plan, flow, yoga, tai chi. It defines what Ikigai is and its Ten rules -

- 1 Stay active and don't retire. ✓
- 2 Don't fill your stomach.
- 3 Take it slow.
- 4 Surround yourself with good friends.
- 5 Smile more.
- 6 Get in Shape for your next birthday.
- 7 Reconnect with nature.
- 8 Live in the moment.
- 9 Give thanks.
- 10 Follow your Ikigai.

Each chapter provides us a well-researched version of Okinawans' lifestyle, attitude, mindset, diet and routine.

In my view, I liked the concept of 'Ikigai' and how our Ikigai can help us live a meaningful life. This

life-changing. The book made me feel the importance of slowing down, being in the moment and showing gratitude for every small thing I have in this life. This book helped me to live with peace, make friends and enjoy each and every moment.

The book 'Ikigai' is worth reading because it contains many powerful and proven concepts which can help you to improve your way of living. It can help you realize the value of a purposeful life and find your purpose. As in today's stressful and fast-paced world, we rarely get any time to heal our body, mind and soul. This book can help you to understand the importance of slowing down and being in the present or in that particular moment. The book 'Ikigai' must be read by all those people who don't enjoy their work and are frustrated, or who doesn't have a purpose in life and feels lost, or who are discouraged by failures. I will recommend this book to anyone who wants to live a long, happy and purposeful life. As the book's central theme is -

"Happiness is the key to a longer life"



APJ ABDUL KALAM

WINGS OF FIRE

An Autobiography

with Arun Tiwari

Universities Press

Book ReviewSumaina
M.A. English

TITLE → WINGS OF FIRE

AUTHOR → Dr. APJ Abdul Kalam & Arun Tiwari

PUBLISHER → UNIVERSITIES PRESS

PUBLISHING YEAR → 1999

PRICE → Rs 179

PAGES → 250

GENRE → AUTOBIOGRAPHY

Dr. Avul Pakir Jainulabdeen Abdul Kalam (APJ Abdul Kalam) also known as "The Missile Man of India" was one of the most renowned Scientists. He served as the 11th President of India (2002-2007). He is receiver of India's three highest civilian awards - Padma Bhushan (1981) Padma Vibhushan (1990) Bharat Ratna (1997). "Wings Of Fire" is an autobiography of Dr. APJ Abdul Kalam with Arun Tiwari. It covers Kalam's early life and his work in Indian Space Research and Indian Missile Programmes. This book contains 24 photos and it is filled with science, story of friendship, religion and family. In this book Dr. Kalam has given

many messages to the youth and nation. Every chapter contains very beautiful messages which can be applied by anyone in their life. The theme of the book is, based on the travelling of a person from middle class boy to Missile Man of India and at last President of India.

This book is one of the best inspirational book that, I have ever read. I would like to suggest everyone to buy and read this book at least once because the book can change any common person's life. It is story of a simple boy who came from a humble background went on to become a key player in Indian Space Research and Indian Missile Programmes. One of the things that stands through out the book is Kalam's positive thinking. The secret of his success is the ability to ignore negative things around him.

I can say that the book is best suited for reading for youth to dream big and dare to achieve it. There is so much knowledge and good things that everybody can extract from this book. Reading this book is very heart-warming and beautiful experience. This book contains a detailed description of how great things can be achieved through simple thoughts. The book make us aware of how one can make their dreams come true if determined to do so. This book conveys the message of Dr. Kalam that always keep

your dream high, goal clear, plan perfectly and do hard work. The pure belief in God, dealing life with positivity, Science and technological advancements, love towards one country and many more things are mentioned in this book. This book contains the life of a simple yet determined person. I will suggest everyone to read this great book. I conclude, my review with a quote from Wings of Fire -

66

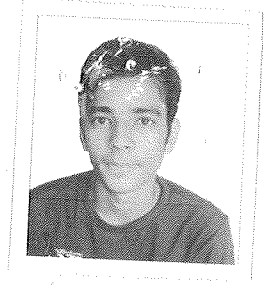
We are all born with a divine fire in us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness."

सेवा में,

श्रीमान प्रधानाचार्य जी,

रा० कृ० सं० ध० महाविद्यालय,

कैथल ।



विषय :- छात्रवृत्ति प्राप्त करने हेतु ।

श्रीमान जी,

साविनय निवेदन यह है कि मैं आपके महाविद्यालय में स्नातक प्रथम वर्ष का छात्र हूँ। मेरा नाम अनुज है। मैं एक ~~ब्राह्मण~~ परिवार से संबंध रखता हूँ। मैं संस्कृत विभाग द्वारा प्रदान की जा रही छात्रवृत्ति के लिए आवेदन करना चाहता हूँ। मैंने स्नातक प्रथम वर्ष प्रथम समिसत्र में 346 अंक प्राप्त किए। मैंने संस्कृत विषय में 94 अंक प्राप्त किए। मुझे महाविद्यालय की ओर से अन्य कोई छात्रवृत्ति प्रदान नहीं की गई है।

अतः मुझे संस्कृत विभाग द्वारा प्रदान की जा रही छात्रवृत्ति देकर कृतज्ञ करें। मैं यह भी सुनिश्चित करना चाहता हूँ कि यदि मुझे संस्कृत विभाग द्वारा कोई कार्य करने के लिए कहा गया तो मैं पूरी निष्ठा से करूँगा।

धन्यवाद

नाम - अनुज

कक्षा - स्नातक प्रथम वर्ष

अनुक्रमांक - 1211982002401

पिता का नाम - श्री सज्जन कुमार

व्यवसाय - अध्यापक (प्राइवेट स्कूल)

ग्राम - पूंडरी

Vinay Singh

5.5.22

परियोजना कार्य

Name

Session (2021-22) / /

(Teacher Signature)

Page No.

प्रश्न - श्रीमद्भगवद् गीता का सार लिखिए ।

उत्तर - भूमिका :-

'श्रीमद्भगवद् गीता' महर्षि व्यास द्वारा रचित 'महाभारत' के 'भीष्म पर्व' का अंश है। भारतीय संस्कृति व धर्म की दृष्टि से इसका महत्वपूर्ण स्थान होने के कारण इस अंश को अलग से एक रचना के रूप में प्रस्तुत किया जाने लगा है। इस रचना में 700 श्लोक हैं, जो अठारह अध्यायों में विभक्त हैं। प्रत्येक अध्याय का नाम प्रायः उसके विवेच्य विषय के आधार पर रखा गया है। श्रीमद्भगवद् गीता का सारांश इस प्रकार है -

* अर्जुन का युद्ध न करना :-

जिस समय कौरवों और पांडवों के बीच में महायुद्ध होता है तो उस समय विश्व की संपूर्ण शक्तियाँ व समस्त वीर दो भागों में विभक्त हो जाते हैं। युद्ध के प्रारंभ में दोनों सेनाएं आमने-सामने खड़ी हैं। अर्जुन जब अपने शत्रुओं की ओर देखता है तो उसे उनमें आदरणीय भीष्मपितामह, गुरु द्रोणाचार्य व अपने आतागण कौरव प्रमुख दिखाई पड़ते हैं। वह सोचता है कि ऐसा युद्ध निरर्थक है जिसमें अपनी का वध किया जाए। वह अपने गांडीव धनुष का परित्याग कर देता है। वह शोक से व्याकुल होकर युद्ध नहीं करता।

* श्रीकृष्ण की युद्ध के लिए प्रेरणा :-

अर्जुन को युद्ध

क्षेत्र में इस दशा में देखकर श्रीकृष्ण को आश्चर्य होता है। वे कहते हैं कि इससे तुम कायर कहें जाओगे, तुम्हारा अपयश होगा। श्रीकृष्ण उससे युद्ध न करने का कारण पूछते हैं तो वह स्पष्ट कह देता है — 'गुरुवर द्रोणाचार्य, परम आदरणीय भीष्म पितामह को युद्ध में मारकर जीवित रहना मेरे लिए अधर्म है। इनसे युद्ध करके राज्य प्राप्त करने की अपेक्षा तो मुझे भिक्षा मांगकर जीवन व्यतीत करना चाहिए।' श्रीकृष्ण अर्जुन को प्रेरणा देते हुए कहते हैं कि यह धर्मयुद्ध है। क्षत्रिय को युद्ध करना चाहिए, युद्ध से मुख नहीं मोड़ना चाहिए। यदि तुम युद्ध न करोगे तो शत्रु तुम्हारी वीरता की हँसी उड़ाएंगे। इसमें तुम्हारी जीत व हार दोनों पक्ष हितकर हैं। क्योंकि — हतो वा प्राप्स्यसि स्वर्गं, जित्वा वा भोक्ष्यसे महीम्ना। (युद्ध में मरने पर स्वर्ग प्राप्त करोगे और जीतकर पृथ्वी का उपभोग करोगे।)

* आत्मा के विषय में उपदेश :-

युद्ध के संदर्भ में श्रीकृष्ण ने अर्जुन को आत्मा के विषय में कहा कि आत्मा अमर है। यह कभी नहीं मरती। जो यहाँ राजा, योद्धा शत्रु, मैं या तुम खड़े हैं ये सभी पहले भी थे, आज भी हैं और आगे भी रहेंगे। बस ये शरीर रूपी वस्त्र बदल लेते हैं। जैसे मानव जीवन में कुमार, युवा व वृद्ध - अवस्थाएं दिखाई पड़ती हैं वैसे ही आत्मा एक शरीर को छोड़कर अन्य शरीर बदलती है। आत्मा सदा रहने वाली है। शरीर सदा नहीं रहता। अन्तवन्त इमे देहाः। (ये शरीर नाशवान्त हैं।)

जिस प्रकार मनुष्य पुराने वस्त्र छोड़कर नए वस्त्र धारण कर लेता है। उसी प्रकार आत्मा पुराना शरीर छोड़कर नए शरीर को धारण कर लेती है। इससे न अग्नि जला सकती है, न वायु सुखा सकती है, न जल गीला कर सकता है। यह विकार रहित है।

* निष्काम कर्मयोग :->

श्रीकृष्ण ने अर्जुन को इसी समय निष्काम कर्मयोग के विषय में बताते हुए कहा कि दो प्रकार के कर्म होते हैं - 1. सकाम कर्म, 2. निष्काम कर्म। सकाम कर्म वे कर्म जिनको करने में कोई न कोई इच्छा रहती है। इसमें योग एवं ऐश्वर्य की इच्छा रहती है। निष्काम कर्म में कर्तव्य भावना रहती है, फल की इच्छा नहीं रहती। कोई भी कार्य करता है तो उसके लिए किसी प्रकार के लाभ की कामना नहीं रहती। इसलिए श्रीकृष्ण अर्जुन से कहते हैं -

कर्मव्यवाधिकारस्ते, मा फलेषु कदाचन ।

(हे मानव! तुम्हारा अधिकार कर्म करने में है, कर्म के फल में तुम्हारा अधिकार नहीं है।)

अतः तुम कर्म के फल की इच्छा मत करो बल्कि आसक्ति रहित कर्म अर्थात् सुकर्म करो।

* स्थितप्रज्ञ की व्याख्या :->

जब श्रीकृष्ण निष्काम कर्मयोगी को स्थितप्रज्ञ कहते हैं तो अर्जुन चार प्रश्न करता है -

1. स्थितप्रज्ञस्य का भाषा ? (स्थितप्रज्ञ की क्या परिभाषा है?)
2. स्थितधीः किं प्रभाषैत ? (स्थितप्रज्ञ कैसे बोलता है?)
3. किं आसीत् ? (कैसे बैठता है?)

4. किं ब्रजेत् ? (कैसे चलता है ?)

श्रीकृष्ण कहते हैं कि जब मानव मन की सभी इच्छाओं का त्याग कर देता है और अपने अन्तःकरण में संतुष्ट रहता है तब वह स्थितप्रज्ञ कहा जाता है। वह न किसी की प्रशंसा करता है और न किसी से द्वेष करता है - यही उसके बोलने का ढंग है। जब वह एकाग्रता में परमात्मा में लीन हो जाता है वह उसके बैठने का ढंग है। जब वह सभी वासनाओं को छोड़कर, अंकाररहित, भ्रमररहित आदि उसके आचरण का ढंग है।

निष्कर्ष :->

इस प्रकार 'श्रीमद्भगवद् गीता' का ज्ञान के विविध पक्षों का उजागर हुआ। यद्यपि इसमें श्रीकृष्ण अर्जुन को युद्ध करने की प्रेरणा देते हैं, परन्तु इसके लिए वे जो तर्क देते हैं, जिस ज्ञान के रहस्य और आत्मा के स्वरूप को समझाते हैं। निःसंदेह वह अत्यंत महत्त्वपूर्ण है।

Student-Assistantship Report (2020-21)

Name ..Anuj.....

Email Address..988278053667@gmail.com

Class..B.A.1st Year

Roll No..1211982602401

Name of the village/town...Pundri.....

Father's occupation ..Teacher..In..Private School

1. What was the process through which you were selected as student-assistant?

संस्कृत विषयक ज्ञान एवं संस्कृत गतिविधियों के प्रति
रुचि देखकर ।

2. How much amount did you get?

.....

3. For what purpose did you use the scholarship money?

अग्रिम शिक्षा एवं कोचिंग के लिए ।

4. In which activities did you participate as student-assistant?

भाषण प्रतियोगिता श्लोक उच्चारण प्रतियोगिता एवं
संस्कृत परिषद् के सदस्य के रूप में किए गए
कार्य ।

5. With whom did you get associated as student-assistant? Name the teacher/teachers.

डॉ० विनय सिंघल

6. How were you benefitted by your association with your teachers?

संस्कृत विषय संबंधी अनेक क्षेत्रों में ज्ञान के साथ-साथ
रुचि भी बढी है तथा संस्कृत विषय के प्रचार-
प्रसार एवं शोध करने की इच्छा भी रखता हूँ।

7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

.....या कानून विषय को लेकर पढ़ना चाहता हूँ या संस्कृत
विषय में एम. ए.।

(b) Want to go for competitive exams, please specify the reason

.....All S.S.C. & CLAT.....

8. Did you get any insight or idea about the research process during this process?

.....मैंने संस्कृत विषय बहुत कुछ सीखा है। मैं बचपन
से ही श्रीमद् भगवद् गीता से बहुत प्रभावित
रहा हूँ और मैडम के निर्देशन में एक
परिभाषना कार्य भी लिखा।

9. How was your overall experience?

.....मेरा अनुभव अच्छा रहा और इस विषय में और
भी कार्य करना चाहता हूँ। चाहे मैं किसी भी
क्षेत्र से जुड़ा रहा हूँ।

Anuj
Signature



SA: PUNDRI
BO: PUNDRI
VPO PUNDRI, DISTRICT KAITHAL - (Phone: 01746-271281)
MICR Code: 136696167
IFSC Code: PUNB0HG8001

खाता विवरण/ACCOUNT PARTICULARS

Mode of Operation : SELF
Customer No. : D12141102
Account No. : 827119 00009692 INR
MR ANUJ SO SAJJAN KUMAR RO KARORA
S/O,D/O,W/O: SAJJAN KUMAR
KARORA
KAITHAL
KARORA (KAITHAL)
HARYANA INDIA
Pin : 136043
Nomination Registered at Sl.No. : 2063877
Date of Issue : 02-11-2021

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***- OUR ATM/DEBIT CARDS CAN ALSO BE USED AT ATMs OF NITR, SBI & NFS WITH NOMINAL CHARGES

** Please maintain minimum average balance to avoid levy of charges. ***

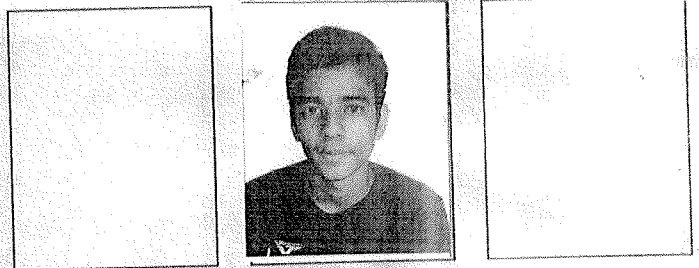
प्राधिकारी अधिकारी/प्रबंधक / Authorised Official/Manager

कम्प्यूटर द्वारा सृजित विवरणियों पर किसी अधिकारी द्वारा अधिप्रमाणित करने/आद्याक्षर करने की आवश्यकता नहीं है। कृपया कम्प्यूटर द्वारा सृजित पासबुक/विवरणों पर हस्तलिखित (मैन्युअल) प्रविष्टियां स्वीकार न करें।

Computer generated entries shown in the statement of account do not require any authentication/initial from Bank official. Please do not accept any manual entry in your computer generated Pass Book/Statement of Account.

पासबुक में प्रयुक्त शब्द-संक्षेप ABBREVIATIONS USED IN THE PASS BOOK

घोड़े से लाया गया Brought Forward	पी./ला. B/F	इंटरसोल Inter Sol	आईएसओ ISO
आगे से लाया गया Carried Over	आ/ले. जा C/O	व्याज Interest	ब्याज Intt.
नकद Cash	नकद Cash	आवक डाक अन्तरण Inward Mail Transfer	आई.एम.टी. IMT
चेक Cheque	चेक Ch.	स्थानीय चेक/मांग ड्राफ्ट Local Cheque/Demand Draft	एल.डी.डी. L.D.D.
समाशोधन Clearing	स.शो Clg.	राष्ट्रीय इलेक्ट्रॉनिक निधि अंतरण National Electronic Fund Transfer	एनईएफटी NEFT
कमीशन Commission	कमी. Com.	बाहरी चेक / बिल Outstation Cheques / Bills	ओ.बी.सी. O.B.C.
बट्टा Discount	बट्टा Disc.	बाहरी चेक/खरीदे गये बिल Outstation Cheques/Bills Purchased	डी.डी. DD
लाभाश पत्र Dividend Warrant	ला.पत्र DW	तत्काल सकल निपटान Real Time Gross Settlement	आरटीजीएस RTGS
ड्राफ्ट Draft	ड्रा. Dft.	वापसी Returning	वापसी Rtg.
इलेक्ट्रॉनिक समाशोधन सेवा Electronic Clearing Services	ईसीएस ECS	अन्तरण Transfer	अ. Tr.
प्रासंगिक प्रभार Incidental Charges	प्रा.प्र. I/C		



नाम/Name _____ नाम/Name _____ नाम/Name _____

खाताधारक/Account Holder-1 खाताधारक/Account Holder-2 खाताधारक/Account Holder-3

बैंक ग्राहक के चेकों को सकराने अथवा भुगतान करने के लिए पिछले दिन के शेर्षों तथा संबंधित दिन में खाते से एटीएम व इंटरनेट द्वारा आहरित प्रविष्टों का ध्यान रखें।

Bank shall only honour or pay the cheques of the customers against clear balance upto the previous day and against clear balance including withdrawals made through Internet Banking & ATM having regard to the Withdrawals of the day already made in the account.

कृपया पास बुक न मोड़ें PLEASE DO NOT FOLD THE PASS BOOK

24 घंटे नि:शुल्क कॉल सेंटर सेवा उपलब्ध है। 18001807777
Toll free 24 hours Call Centre 1800 180 7777

बचत बैंक खाते के साथ अपने आधार नम्बर को जोड़ें।
आधार नम्बर की ख सत्यापित प्रति एवं मोबाइल नम्बर प्रस्तुत करें।

Link your Aadhar Number with SB Account.
Submit self certifiec copy of Aadhar Card and Mobile Number.

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

('A+' Grade, NAAC Accredited)

Sr No.

2631894



DMC No. 011857

Roll No. 210061688

Regn.No. 21-RK-331

RESULT-cum-DETAILED MARKS CARD BACHELOR OF ART SEM-01 EXAM DEC, 2021

Name ANUJ

Father's Name : Shri SAJJAN KUMAR

Mother's Name:Smf. SUDESH RANI

DETAIL OF MARKS

Sr. No.	Subject	Marks Obtained	Minimum Pass Marks	Max. Marks
1.	EN21 ENGLISH	68 19	28TH 35AG	100
2.	ES21 SANSKRIT ELECTIVE	75 19	28TH 35AG	100
3.	HI21 HINDI COMP.	58 17	28TH 35AG	100
4.	PS21 POLITICAL SCIENCE	73 17	28TH 35AG	100
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.	Grand Total	0346	0140	0400

RESULT : PASSED & HAS OBTAINED THREE HUNDRED FORTY SIX MARKS

DATED : JULY 22, 2022
KURUKSHETRA


Checked by 1. _____ 2. _____
(Full Signature) (Clerk) (Assistant)

Banani


Date of issue 19 AUG 2022

R.K.S.D.(P.G.)College
'A' Grade, NAAC Accredited
Kaithal - 860274
Affiliated to Kurukshetra University, Kurukshetra

Morning Session : 2021-2024



ANUJ
Bachelor of Arts
1211982002401



Secar
Principal

Father Name : SAJJAN KUMAR
Mother Name : SUDESH RANI
Address : H.No.0, Street INDRA
NAGER, Landmark
PUNDRI, District
KAITHAL.
Phone No : 8278053067
Date Of Birth : 25-05-2003
Aadhar No :428265936207

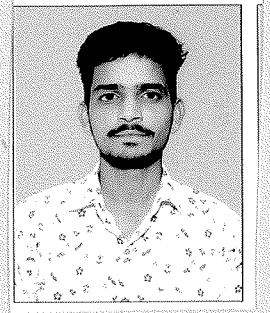
Instructions :

1. This card is property of the college.
2. The card must be produced on demand.
3. In the event of lose of this card, the duplicate card will be issued on payment of Rs. 200/-.
4. Ragging is a criminal offence and is punishable by law.
5. Mobile phone is prohibited. Defaulters will be fined Rs. 1000/-.

If Anyone Finds this card, Kindly return to the Principal R.K.S.D College, Kaithal

Website : rksdcollege.ac.in
E-Mail : rksdcollegek1@yahoo.com

श्रीमान प्रधानाचार्य जी,
आर. के. एस. डी. कॉलेज
कैथल



विषय → छात्रवृत्ति प्राप्त करने हेतु।

श्रीमान जी,

सविनय निवेदन यह है कि मैं आपके महाविद्यालय में
स्नातक तृतीया वर्ष का छात्र हूँ। मेरा नाम अमन कुमार
है मैं एक होपन (यमर) समाज से संबंध रखता
हूँ। संस्कृत विभाग द्वारा प्रदान की जा रही छात्रवृत्ति
लिए आवेदन करना चाहता हूँ। मैंने स्नातक
सत्र में 95% तथा द्वितीया सत्र में 96% अंक संस्कृत वि
में प्राप्त किए हैं।

मुझे संस्कृत संस्कृत विभाग द्वारा प्रदान की जा रही छात्रवृत्ति
कृपया करें। मैं यह भी अनुरोध करना चाहता हूँ कि यदि
संस्कृत विभाग द्वारा कोई काम करने के लिए कहा गया
है तो निष्ठा से करूँगा।

धन्यवाद

नाम - अमन कुमार

कक्षा - स्नातक तृतीया वर्ष

अनुक्रमांक - 120198002178

पिता का नाम - अमर कुमार

व्यवसाय - मजदूर

ग्राम - गोहरा

Vinay Singhal
5/5/22

2021-22

Student-Assistantship Report (2020-21)

Name Aman Kumar
Email Address amantomsal.59@gmail.com
Class... B.A... 3rd year
Roll No... 120192002178
Name of the village/town... Goharam
Father's occupation... Labourer

1. What was the process through which you were selected as student-assistant?

संस्कृत विषय क्षेत्र एवं संस्कृत गतिविधियों के माध्यम से

2. How much amount did you get?

3. For what purpose did you use the scholarship money?

अग्रिम शिक्षा एवं कौशल के लिए

4. In which activities did you participate as student-assistant?

भाषण प्रतियोगिता, स्वीकी उच्चारण, प्रतियोगिता एवं संस्कृत भाषण के अध्येता के रूप में किए गए कार्य।

5. With whom did you get associated as student-assistant? Name the teacher/teachers.

डॉ. विष्णु सिन्हा

6. How were you benefitted by your association with your teachers?

संस्कृत विषय क्षेत्र में अनेक क्षेत्रों में भाग लेने के साथ-साथ अन्य विषयों में भी। संस्कृत विषय के प्रचार-प्रसार एवं शोध करने की इच्छा रखता हूँ।

7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

(b) Want to go for competitive exams, please specify the reason

7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

... या ... काचून विषय ... की लेकर पढना चाहता हू या ... संस्कृत में ... एम. ए.

(b) Want to go for competitive exams, please specify the reason

... ... AI ... SSC ... and CLAT.

8. Did you get any insight or idea about the research process during this process?

... मैंने ... संस्कृत में विषय में बहुत कुछ पढ़ा है। मैं ... वचन ... श्रीमद्भगवद्गीता ... प्रभावित हूँ और ... मंडल के निदेशन में एक पाठ्यपत्र का काम भी किया ... है।

9. How was your overall experience?

... मेरा अनुभव ... अच्छा है। इस विषय में और ... भी कार्य करना चाहता हूँ। यह मैं किया ... भी क्षेत्र में जुड़ा है।

Signatur

Anwar
Jameel

09 पायसाजना काय पञ्चरात्रम्

PAGE NO. : _____

DATE : _____

⇒ महाभारत के युद्ध की लेकर आस की पञ्चरात्रम् में कल्पना

पञ्चरात्रम् नाटक महाकाव्य आस द्वारा विरचित है। प्रसिद्ध नाटक 'पञ्चरात्रम्' व्यटना पर आधारित है। पञ्चरात्रम् का अर्थ है पञ्चाना रात्रिणा समाहार; अर्थात् पांच रात्रियाँ या पांच दिन। दुर्योधन, द्रोणवाय यहाँ कहता है कि यदि 'पञ्चरात्रम्' में पाण्डुवा का पता लगा लिया जायगा तो द्रोणवाय की दक्षिणा में पाण्डुवा का आधा राज्य उन्हें लौटा देगा। यहाँ कि शुकान दुर्योधन की ओर ही कहता है

यदि पञ्चरात्रेण पाण्डुवानां प्रवृत्तिरुपनीतव्या,
राज्यस्यापि प्रहास्यति किल।

प्रथम अंक में यही प्रतिज्ञा की जाती है कि फिर तृतीया अंक में पूरा की जाती है। प्रतिज्ञा पूरी होने पर दुर्योधन कहता है -

बाढे दतं मया राज्यं पाण्डुवेभ्यो यथापुरम्

यही नाटक समाप्त हो जाता है। अतः विशेष व्यटना पर इस नाटक का नामाकरण किया गया है।

महाकवि ज्मास ने यह घटना महाभारत में लिखी है। जो कि महाभारत की खवधा में मिनन है। यह ज्मास ने महाभारत में द्रोण, भीष्म, दुर्योधन, कर्ण, शकुनि, दूत, युधिष्ठिर, अर्जुन, भीमसेन, राजा, विराट, उत्तर, आत्ममन्यु, आदि पात्रों का चयन कर घटना के आधार पर उनके वर्णन किया है। यह माना जा सकता है कि महाकवि ज्मास का पंचरात्रम की खना का मुख्य उद्देश्य उन जन-जन तक यह खना को खचना देना है कि अगर पाण्डवों की आधा खण्य दे दिया जाता तो महाभारत का युद्ध नहीं होता। इन्हीं की मुख्य उद्देश्य, खनाकर को कवि ने अपनी कल्पना की पंचरात्रम में वर्णन किया है। इसके विशेष बिन्दुओं को निम्न प्रकार से प्रस्तुत किया जा रहा है।

• दुर्योधन का पर करना ⇒

दुर्योधन पर के द्वारा अपने लम्बी अपराधी को दुरुपना चाहता था जो उसने द्रोपदी और पाण्डवों के साथ किया। इस पर ल लम्बी प्रणुन थी। लम्बी दुर्योधन की प्रशंसा कर रहे थे।

• द्रौणाचार्य का पाण्डवी के लिए आया राज्य मांगना ⇒

दुर्योधन गुरु द्रौणाचार्य के चरण स्पर्श करते हैं तब उन्हें दक्षिण लेने / मांगने के लिए कहते हैं। तब गुरु द्रौणाचार्य भूद्वि दक्षिण के रूप में दुर्योधन से पाण्डवी के लिए आया राज्य मांगते हैं।

• पाच दिनों में पाण्डवी का पता लगाना ⇒

दुर्योधन की परामर्श देता है कि यदि पाच दिनों में पाण्डवी का पता लगा दे। तो दक्षिण के रूप में पाण्डवी का आया राज्य मिल सकता है। द्रौणाचार्य यह प्रस्ताव स्वीकार नहीं करते। लेकिन जब दूत आता है विराट राजा का संदेश लेकर तब भीषण समझौता है और द्रौणाचार्य को कहते हैं कि प्रस्ताव स्वीकार कर लो।

• राजा विराट पर आक्रमण ⇒

के कहने पर दुर्योधन भीषण, शकुनि, कर्ण आदि अपनी सेनाओं के साथ विराट की राधा का अपहरण करने के बहाने उससे पुरु करण पते घातें हैं।

• उतर का युद्ध में जाना ⇒

ही युद्ध के लिए तैयार होता है तथा सारथी सारथी से स्व को लान के लिए कहता है तथा सारथी कहता है कि मैं जान ही युद्ध के लिए तैयार किया वैसे उतर बृहन्नला को सारथी बनाकर युद्ध में चला गया।

• आश्वमेध का पकड़ा जाना ⇒

योद्धाओं के आग जाने पर परमा योद्धाओं के आश्वमेध अकेले युद्ध करता है। वह में आश्वमेध न आश्वमेध को स्व से उठा लिया और पकड़े लिया। और बाद में आश्वमेध को सारथी का पुत्र बल गया कि सारथी उसके संबंधी है। बाद में विराट की पुत्री उतर के सारथी आश्वमेध का विवाह पक्का किया जाता है।

• दुर्योधन का पाण्डों को आधा राज्य देना ⇒

द्रोणाचार्य दुर्योधन से कहते हैं कि हमें पाच दिन से पहले पाण्डवों का पता लगा लिया अतः मेरी दक्षिण के रूप में पाण्डवों को आधा राज्य प्रदान किया जाए। दुर्योधन अपनी प्रायश्चित्त के अनुसार

पाण्डवों का आधा राज दे देते हैं।

• 'ज्मारतवास्यम्' ए शुक कामना ॥

प्रकार पंचरात्रम्, चारु लमाप्त होता है।
 अन्त में प्रजापति 'ज्मारतवास्यम्' के
 उप में शुक कामना कृत है कि लम्ब
 प्रजा प्रशसन है। कौरवों और पाण्डवों
 का वरा मिलकर एक ही वाधा।

ae.

एसकेएल विद्यालय अमन कुमार

Ph. 9671883775

120198002178

B. A Se. year

School Principal/Headmaster SkT. Teacher

1. G. H. School Shyam Lal Gndhu bala
Gahuron 9416458004 8901131485

2. G. S. S. School Ranjeet Singh Rayender
Kheri Gulam Ali 9812456046 9812033646

3. G. S. S. School Sudharson Sir. Jyoti Mann
Boys, Siwan 9896019550

4. G. S. S. School Satish kakkar Bhagwati
Girls, Siwan

5. G. S. S. School Rajesh kumar Anil Sir
Sair 9729463322 8708071457

6. G. S. S. School
Phadpur

7. G. S. S. School
Sirta

8. G. M. School Shashi bala
Farshmayra 8901249288

✓

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

('A+' Grade, NAAC Accredited)

S. No. 2408102



DMC No. 641994

Roll No. 201059657

Regn.No. 20-RK-131

RESULT-cum-DETAILED MARKS CARD BACHELOR OF ART SEM-01 EXAM DEC, 2020

Name : AMAN KUMAR

Father's Name : Shri RAMESH KUMAR

Mother's Name: Smt. BABLI

DETAIL OF MARKS

Sr. No.	Subject	Marks Obtained	Minimum Pass Marks	Maximum Marks
1.	EN21 ENGLISH	69 17	28TH 35AG	100
2.	HI21 HINDI COMP.	47 16	28TH 35AG	100
3.	ES21 SANSKRIT ELECTIVE	76 19	28TH 35AG	100
4.	PS21 POLITICAL SCIENCE	64 19	28TH 35AG	100
5.				
6.				
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10.				
11.				
12.				
13.				
14.				
15.	Grand Total	0327	0140	0400

RESULT: PASSED & HAS OBTAINED THREE HUNDRED TWENTY SEVEN MARKS

DATED: DEC 13, 2021

KURUKSHETRA

Checked by 1. [Signature] 2. [Signature]
(Full Signature) (Clerk) (Assistant)

[Signature]

Date of issue 21 APR 2022

CONTROLLER OF EXAMINATIONS

Kurukshetra University, Kurukshetra

(Established by the State Legislature Act XII of 1956)

('A+' Grade, NAAC Accredited)

S. No. : 2572261



DMC No. 010057

Roll No. 201059657

Regn.No. 20-RK-131

RESULT-cum-DETAILED MARKS CARD BACHELOR OF ART SEM-03 EXAM DEC, 2021

Name : AMAN KUMAR

Father's Name : Shri RAMESH KUMAR

Mother's Name: Smt. BABLI

DETAIL OF MARKS

Sr. No.	Subject	Marks Obtained	Minimum Pass Marks	Maximum Marks
1.	EN23 ENGLISH	60 18	28TH 35AG	100
2.	HI23 HINDI COMP.	43 17	28TH 35AG	100
3.	ES23 SANSKRIT ELECTIVE	76 20	28TH 35AG	100
4.	PSB3 POLITICAL SCIENCE-OPT(II)	57 17	28TH 35AG	100
5.				
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10.				
11.				
12.				
13.				
14.				
15.	Grand Total	0308	0140	0400

RESULT : PASSED & HAS OBTAINED THREE HUNDRED EIGHT MARKS

DATED : JULY 02, 2022
KURUKSHETRA

Checked by 1.  (Clerk) 2. _____ (Assistant)

Date of issue _____

CONTROLLER OF EXAMINATIONS



भारत सरकार
Government of India



Download Date: 07/07/2020



अमन कुमार
Aman Kumar
जन्म तिथि/DOB: 16/06/2002
पुरुष/ MALE

Issue Date: 19/02/2020

8315 4614 9600

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मेरा आधार, मेरी पहचान

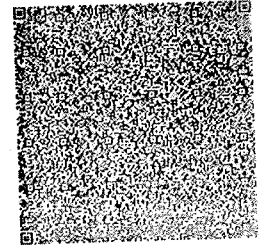


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Account No. : 813717 00071034 INR

MR AMAN KUMAR

S/O, D/O, W/O: RAMESH KUMAR

GOIHRAN

KAITHAL

KHERI GULAMALI (KAITHAL)

HARYANA INDIA

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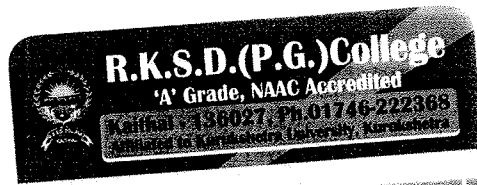
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Morning Session : 2020-2023



AMAN KUMAR
Bachelor of Arts
120198002178



[Signature]
Principal

Father Name : RAMESH KUMAR
Mother Name : BABLI
Address : HOUSE NO. 158,VILL
GOHRAN,
District:KAITHAL,
State:HARYANA.
Phone No : 9671830774
Date Of Birth : 16-06-2002
Aadhar No : 831546149600

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The H.O.D.

Department of Mathematics

R.K.S.D. (PG) College, Kaithal

Subject : to avail the scholarship.

Sir

I, Hemraj, student of your college (R.K.S.D.) ^{apply for} ~~wants~~ to avail the scholarship of mathematics as I am also a student of Mathematics. This is my last year of graduation and now further I want to take a step further in field of Mathematics by taking admission in P.G. (Mathematics). I belong to a lower middle class family from Kalayat. If I get this scholarship then it will help us a lot economically, as this is a huge amount for us.

I will be thankful to my honoured teachers if they let me always under their blessings and still thankful as they always help me, direct me and ease my problems by their magnificent and right guidance.

Hemraj

(Thanking my teachers from core of my heart)

I also represent a project on topic Newton's laws of motion with application about which we study in our 6th semester book 'Dynamics'.

Teacher Assistance Scholarship 2021-22

Name: Garima

Maths

Father's Name: Balwan Singh

class : B.A 2nd year

Roll No: 1211982002025

Mob No: 9671762522

Mother's Name: Rani Devi

Garima

(Garima)

Recommended for the
above said scholarship.

(Dr. Sayyker)

Satyakrishna
H. O. D. 10/11/2022
Dr. Satyabr Singh

R. K. S. D (P. G) COLLEGE KATHAL

MATHEMATICS

PROJECT

SUBMITTED BY → GARIMA

CLASS → B. A 2nd year

ROLL NUMBER → 1211982002025

TOPIC → CENTRE OF
GRAVITY

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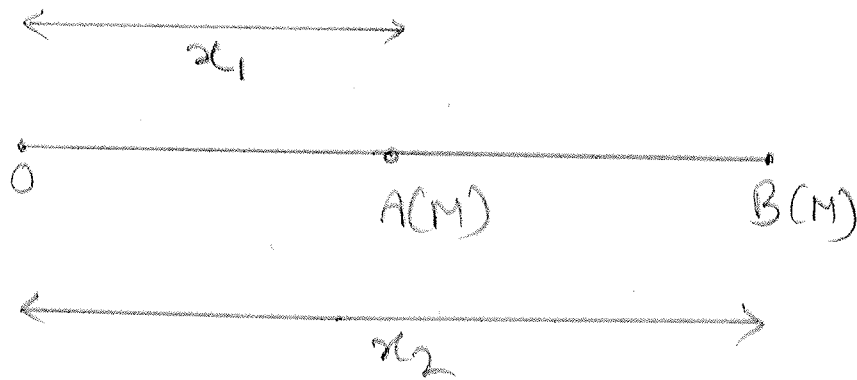
CENTRE OF GRAVITY

Introduction:- Every particle of matter is attracted towards the centre of earth and the force with which the earth attracts any particle to itself is proportional to the mass of the particle.

If the body be small enough the lines joining its particles to the centre of earth are almost parallel, along which the forces of gravity on the particles etc. The resultant of these parallel forces through which the weight always passes for all positions of the body, is called the centre of Gravity of the body.

But if the body is big, so that the line joining its particles to the centre of the earth cannot be regarded parallel, or if body be small but placed at a large distance from the earth so as to be ~~out~~ out of the field of gravitation, the centre of gravity of body does not exist. In such cases however, we suppose that an imaginary system of parallel forces on the particles of the body proportional to their masses. The centre of this system is known as the centre of mass of the body.

Note:



The C.G. of two particles of equal mass placed at points A and B is the middle point of AB. As mass of both the particles is same

$$\therefore \bar{x} = \frac{Mx_1 + Mx_2}{M + M}$$

$$\text{or } \bar{x} = \frac{x_1 + x_2}{2}$$

which is the mid point of AB.

Centre of Gravity of a number of particles lying in a plane :-

Let w_1, w_2, \dots, w_n be the weights of the particles which are placed at the points $(x_1, y_1), (x_2, y_2), \dots, (x_n, y_n)$ with reference to a set of rectangular axes in the plane and let (\bar{x}, \bar{y}) be the C.G. of the system.

Taking moment about OY (i.e., y-axis)

Moment of resultant weight about any axis = algebraic sum of the moments of component weight about the same axis.

$$\therefore (w_1 + w_2 + w_3 + \dots + w_n) \bar{x} = w_1 x_1 + w_2 x_2 + \dots + w_n x_n$$

$$\text{i.e., } \bar{x} = \frac{\sum w_j x_j}{\sum w_j}$$

$$\text{Similarly, } \bar{y} = \frac{\sum w_j y_j}{\sum w_j}$$

Note :- If m_1, m_2, \dots, m_n be the mass of particles $w_j = m_j g$, then $\bar{x} = \frac{\sum m_j x_j}{\sum m_j}$ and

$$\bar{y} = \frac{\sum m_j y_j}{\sum m_j}$$

To find the centre of Gravity of a body by

Integration :-

let m_1, m_2, \dots, m_n be the masses of particles lying at $(x_1, y_1), (x_2, y_2) \dots (x_n, y_n)$ respectively. let (\bar{x}, \bar{y}) be the C.G. of the system. Then

$$\bar{x} = \frac{\sum m_j x_j}{\sum m_j} \quad \bar{y} = \frac{\sum m_j y_j}{\sum m_j}$$

But in the case of continuous distribution of matter, as in the case of a rigid body, we may consider the body to be divided into a larger number of small elements.

$$\lim \sum m_j = \int dm$$

$$\lim \sum m_j x_j = \int x dm$$

and $\lim \sum m_j y_j = \int y dm$

where dm is the mass of element which lies at point (x, y) .

hence
$$\bar{x} = \frac{\int x dm}{\int dm}$$

and
$$\bar{y} = \frac{\int y dm}{\int dm}$$

with proper limits of integration so as to cover the whole body.

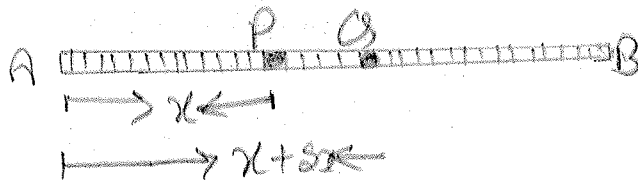
Centre of Gravity of a thin Uniform Rod

Let $AB = a$ be a thin rod and m its mass per unit length. Let P be a point in the rod at a distance x from A .

Take another point Q near to P , such that

$$PQ = \delta x \quad \text{and} \quad AQ = x + \delta x$$

$$\therefore \text{mass of element } PQ = m \delta x$$



Let \bar{x} be the distance of C.G. from A . Then

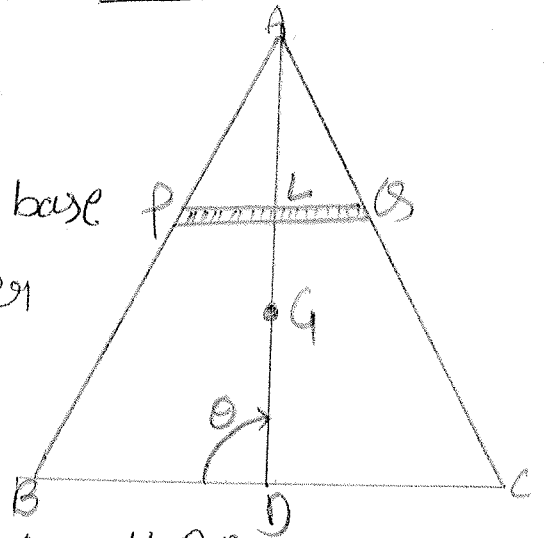
$$\begin{aligned}\bar{x} &= \frac{\int_0^a x m dx}{\int_0^a m dx} = \frac{\int_0^a x dx}{\int_0^a dx} \\ &= \frac{\left| \frac{x^2}{2} \right|_0^a}{\left| x \right|_0^a} = \frac{a^2}{2a} = \frac{a}{2}\end{aligned}$$

Hence the centre of gravity is at mid point of the rod.

Centre of Gravity of a Uniform Triangular lamina

Let ABC be a triangular lamina.

Let $AD = d$ be the length of median to base BC of $\triangle ABC$. Also let $BC = a$. Consider a strip PQ parallel to the base BC as horizontal.



Let $AL = x$ and dx be the thickness of strip PQ. Now $\triangle APQ$ and $\triangle ABC$ are similar.

$$\therefore \frac{PQ}{BC} = \frac{AL}{AD} \Rightarrow PQ = \frac{ax}{d}$$

$$\therefore \text{Area of strip PQ} = PQ \cdot dx = \frac{ax}{d} \cdot dx$$

Let m be the mass per unit area of lamina.

$$\therefore \text{mass of strip PQ} = m \cdot \frac{ax}{d} \cdot dx$$

Let \bar{x} be the distance of C.G. from A along median AD.

$$\bar{x} = \frac{\int_0^d \frac{ax}{d} m dx}{\int_0^d \frac{max}{d} dx} = \frac{\int_0^d x^2 dx}{\int_0^d x dx}$$

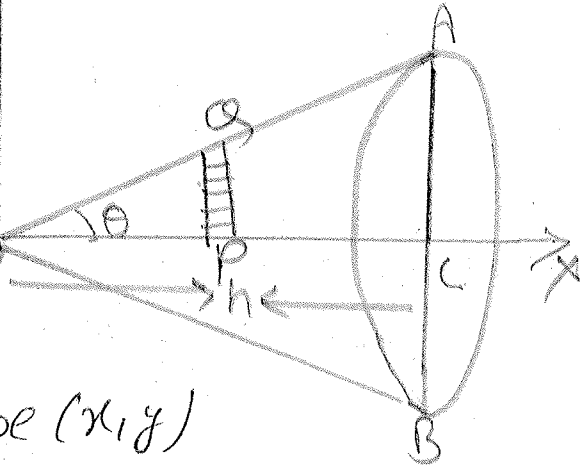
$$\bar{x} = \frac{\left[\frac{x^3}{3}\right]_0^d}{\left[\frac{x^2}{2}\right]_0^d} = \frac{\frac{2}{3}d}{\frac{1}{2}d} = \frac{2}{3}d = \frac{2}{3}AD \quad [\because AD = d]$$

Hence, C.G. of lamina divides AD in the ratio 2:1 i.e., G is the centroid of $\triangle ABC$.

Centre of Gravity of a right Circular

SOLID CONE :-

Let O be the vertex of right circular cone of height $OC=h$ and θ be its semi-vertical angle. Take OC as x -axis. Consider a strip PS such that $OP=x$ and δx be the thickness of strip PS .



Let (x, y) coordinates of S be (x, y)

$$\therefore y = x \tan \theta$$

$$\therefore \text{volume of strip } PS = \pi y^2 \cdot \delta x \\ = \pi x^2 \tan^2 \theta \cdot \delta x$$

Let m be the mass per unit volume.

$$\therefore \text{mass of strip } PS = m \pi x^2 \tan^2 \theta \delta x$$

Let m be the mass per unit volume.

$$\therefore \text{mass of strip } PS = m \pi x^2 \tan^2 \theta \delta x$$

Let (\bar{x}, \bar{y}) be the centre of gravity of the cone.

$$\therefore \bar{x} = \frac{\int_0^h x m \pi x^2 \tan^2 \theta dx}{\int_0^h m \pi x^2 \tan^2 \theta dx} = \frac{\int_0^h x^3 dx}{\int_0^h x^2 dx} = \frac{\frac{1}{4} h^4}{\frac{1}{3} h^3}$$

and $\bar{y} = 0$

Thus the C.G. of a right circular cone is on the axis of the cone at a distance $\frac{3}{4}$ of the height from the vertex or $\frac{1}{4}$ of the height from the base of the cone.

Important formulas :-

1] For Cartesian co-ordinates:

$$ds = \sqrt{1 + \left(\frac{dy}{dx}\right)^2} dx$$

2] For polar co-ordinates:

$$ds = \sqrt{r^2 + \left(\frac{dr}{d\theta}\right)^2} d\theta$$

3] For parametric equation of curve given by $x = f(t)$ and $y = g(t)$:

$$ds = \sqrt{\left(\frac{dx}{dt}\right)^2 + \left(\frac{dy}{dt}\right)^2} dt$$

4] Centre of gravity of a solid of revolution about x -axis is given by

$$\bar{x} = \frac{\int_{x=a}^{x=b} x \cdot P \pi y^2 ds}{\int_a^b P \pi y^2 ds}, \quad \bar{y} = 0$$

Centre of gravity of a plane lamina in form of a quadrant of an ellipse when matter is distributed uniformly.

Solⁿ: let the eqⁿ of an

ellipse be $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$ — (1)

which lies in the first quadrant as shown in this fig.

Consider a strip PQ at distance x from y -axis having thickness δx .

let the co-ordinates of point Q be (x, y)

\therefore Area of strip $= y \delta x = \frac{b}{a} \sqrt{a^2 - x^2} \delta x$
[using (1)]

\therefore Mass of strip is proportional to $\sqrt{a^2 - x^2} \delta x$ and its C.G. is at the point $(x, \frac{y}{2})$.

let (\bar{x}, \bar{y}) be the C.G. of the given lamina

$$\bar{x} = \frac{\int_0^a x \sqrt{a^2 - x^2} dx}{\int_0^a \sqrt{a^2 - x^2} dx} = \frac{\left| \frac{-1}{2} \frac{(a^2 - x^2)^{3/2}}{3/2} \right|_0^a}{\left| \frac{1}{2} x \sqrt{a^2 - x^2} + \frac{a^2 \sin^{-1} x}{2} \right|_0^a}$$

$$= \frac{\frac{1}{3} a^3}{\frac{a^2 \sin^{-1}(1)}{2}} = \frac{\frac{1}{3} a^3}{\frac{\pi}{4} a^2} = \frac{4a}{3\pi}$$

$$\text{and } \bar{y} = \frac{\int_0^a \frac{1}{2} y \sqrt{a^2 - x^2} dx}{\int_0^a \sqrt{a^2 - x^2} dx}$$

$$= \frac{\frac{1}{2} \frac{b}{a} \int_0^a (a^2 - x^2) dx}{\int_0^a \sqrt{a^2 - x^2} dx}$$

$$= \frac{1}{2} \cdot \frac{b}{a} \frac{\left[a^2 x - \frac{x^3}{3} \right]_0^a}{\left[\frac{x}{2} \sqrt{a^2 - x^2} + \frac{a^2 \sin^{-1} x}{2} \right]_0^a}$$

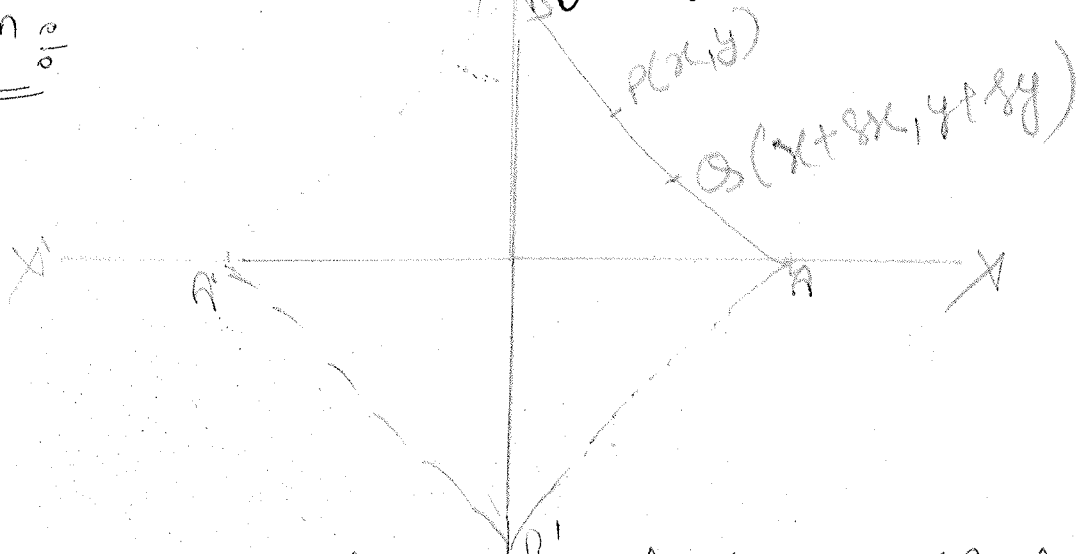
$$= \frac{1}{2} \cdot \frac{b}{a} \left(a^3 - \frac{a^3}{3} \right)}{\frac{1}{2} a^2 \sin^{-1}(1)} = \frac{\frac{1}{2} \frac{b}{a} \cdot \frac{2a^3}{3}}{\frac{\pi}{4} a^2}$$

$$= \frac{4b}{3\pi}$$

Hence the required C.G. is at point $\left(\frac{4a}{3\pi}, \frac{4b}{3\pi} \right)$

Find the centre of gravity of the arc of the astroid $x^{2/3} + y^{2/3} = a^{2/3}$

Solⁿ :-



here we have to find C.G. of the arc AB of the curve $x^{2/3} + y^{2/3} = a^{2/3}$

The coordinates of A and B are $(a, 0)$ and $(0, a)$ respectively.

Consider arc $PS = \delta s$

Such that coordinates of P and S are (x, y) and $(x + \delta x, y + \delta y)$. Differentiating (1) w.r.t (x) , we have

$$\frac{2}{3} x^{-1/3} + \frac{2}{3} y^{-1/3} \frac{dy}{dx} = 0$$

i.e.,
$$\frac{dy}{dx} = -\left(\frac{y}{x}\right)^{1/3}$$

Now

$$ds = \sqrt{1 + \left(\frac{dy}{dx}\right)^2} dx$$

$$= \frac{\sqrt{x^{2/3} + y^{2/3}}}{x^{1/3}} dx = \frac{a^{1/3}}{x^{1/3}} dx$$

let (\bar{x}, \bar{y}) be the C.G. of arc AB, then

$$\bar{x} = \frac{\int_0^a x ds}{\int_0^a ds} = \frac{\int_0^a x \cdot \frac{a^{1/3}}{x^{1/3}} dx}{\int_0^a \frac{a^{1/3}}{x^{1/3}} dx}$$

$$= \frac{\int_0^a x^{2/3} dx}{\int_0^a x^{-1/3} dx} = \frac{\left| \frac{x^{5/3}}{5/3} \right|_0^a}{\left| \frac{x^{2/3}}{2/3} \right|_0^a}$$

$$= \frac{\frac{3}{5} a^{5/3}}{\frac{3}{2} a^{2/3}} = \frac{2}{5} a$$

Similarly, $\bar{y} = \frac{\int y ds}{\int ds} = \frac{2}{5} a$

\therefore C.G. is at the point $\left(\frac{2a}{5}, \frac{2a}{5} \right)$

Find the position of the centroids of the areas enclosed by curves $y^2 = ax$ and $x^2 = by$.

Solⁿ

The given curves are

$$y^2 = ax$$

$$x^2 = by$$

Solving (1) and (2), we have

$$\frac{x^4}{b^2} - ax = 0 \quad x \left[\frac{x^3}{b^2} - a \right] = 0$$

i.e. $x = 0$ and $x = (ab^2)^{1/3}$

∴ Points of intersection are $O(0,0)$ and $A(a^{1/3}, b^{2/3}, a^{1/3}, b^{2/3})$

Consider a strip PS parallel to y -axis having thickness δx . Let (x_1, y_1) and (x_2, y_2) be the coordinates of points S respectively.

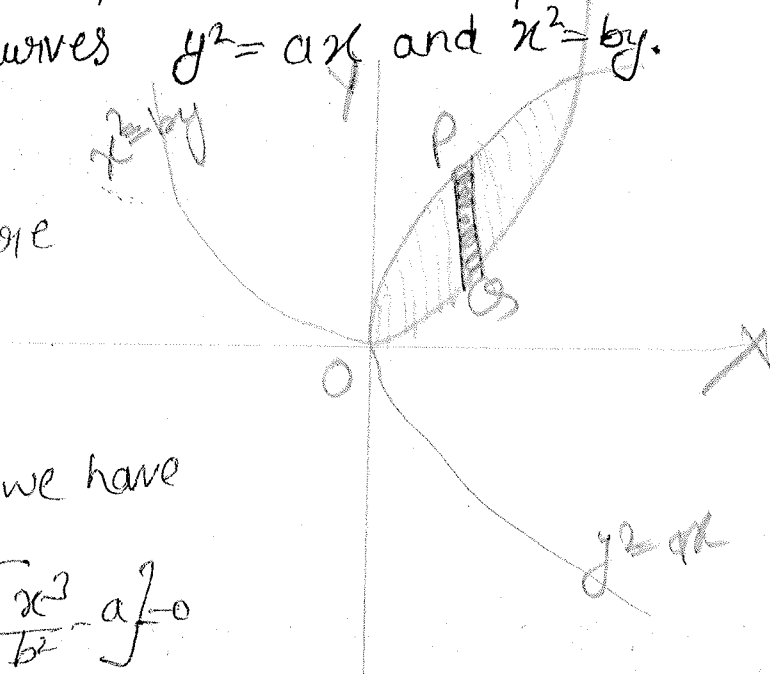
∴ Area of strip $PS = (y_1 - y_2) \delta x$

∴ Mass of strip $PS = m(y_1 - y_2) \delta x$, where m is mass per unit area.

∴ C.G of strip PS is $(x, \frac{y_1 + y_2}{2})$

Let (\bar{x}, \bar{y}) be the C.G of whole area as shown by shaded portion.

$$\bar{x} = \frac{\int_0^{a^{1/3}b^{2/3}} x(y_1 - y_2) dx}{\int_0^{a^{1/3}b^{2/3}} (y_1 - y_2) dx}$$



$$\begin{aligned}
&= \frac{\int_0^{\sqrt{a}} x \left(\sqrt{ax} - \frac{1}{b} x^2 \right) dx}{\int_0^{\sqrt{a}} \left(\sqrt{ax} - \frac{1}{b} x^2 \right) dx} \\
&= \frac{\left[\sqrt{a} \cdot \frac{x^{5/2}}{5/2} - \frac{1}{b} \frac{x^3}{3} \right]_0^{\sqrt{a}}}{\left[\sqrt{a} \cdot \frac{x^{3/2}}{3/2} - \frac{1}{b} \frac{x^3}{3} \right]_0^{\sqrt{a}}} \\
&= \frac{\frac{2}{5} a^{4/3} b^{5/3} - \frac{1}{4} a^{4/3} b^{5/3}}{\left(\frac{8}{3} ab - \frac{1}{3} a \cdot b \right)} \\
&= \frac{\left(\frac{8-5}{20} \right) a^{4/3} b^{5/3}}{\left(\frac{1}{3} \right) ab} \\
&= \frac{9}{20} a^{1/3} b^{2/3}
\end{aligned}$$

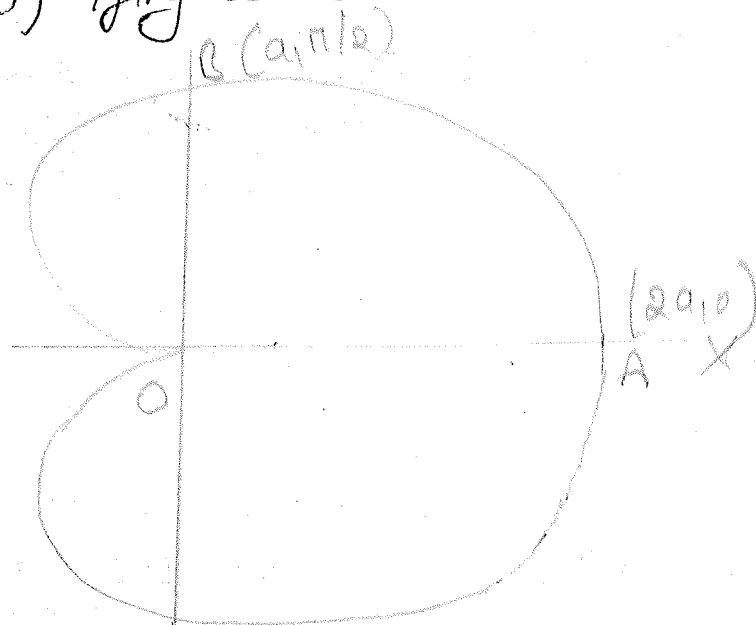
Due to symmetry, we have

$$\bar{y} = \frac{9}{20} a^{1/3} b^{2/3}$$

hence, the C.G. of the required areas

$$\left(\frac{9}{20} a^{1/3} b^{2/3}, \frac{9}{20} a^{2/3} b^{1/3} \right)$$

Find the centre of gravity of the arc of the cardioid $r = a(1 + \cos\theta)$ lying above the initial line.



Soln:- The given curve is $r = a(1 + \cos\theta)$ — (1)

For the arc above the initial line, θ varies from 0 to π . Let (\bar{x}, \bar{y}) be the C.G. of the arc ABO, i.e., above the initial line. Then

$$\bar{x} = \frac{\int x ds}{\int ds} \quad \text{and} \quad \bar{y} = \frac{\int y ds}{\int ds}$$

Differentiating (1) w.r.t ' θ ', we have

$$\frac{dr}{d\theta} = -a \sin\theta$$

$$\text{Now, } ds = \sqrt{r^2 + \left(\frac{dr}{d\theta}\right)^2} d\theta$$

using eqn (1) and (2), we have

$$ds = \sqrt{a^2(1 + \cos\theta)^2 + a^2 \sin^2\theta} d\theta$$

$$= a \sqrt{1 + 2\cos\theta + \cos^2\theta + \sin^2\theta} d\theta$$

$$= a \sqrt{2 + 2\cos\theta} d\theta$$

$$\therefore ds = 2a \cos \frac{\theta}{2} d\theta \quad \text{--- (3)}$$

Now,

$$\bar{x} = \frac{\int x ds}{\int ds} = \frac{\int_0^\pi \sin\theta \cdot 2a \cos \frac{\theta}{2} d\theta}{\int_0^\pi 2a \cos \frac{\theta}{2} d\theta}$$

$$\bar{x} = \frac{\int_0^\pi a (1 + \cos\theta) \cos \frac{\theta}{2} d\theta}{\int_0^\pi \cos \frac{\theta}{2} d\theta}$$

$$= \frac{a \int_0^\pi 2 \cos^2 \frac{\theta}{2} \left(2 \cos^2 \frac{\theta}{2} - 1 \right) \cos \frac{\theta}{2} d\theta}{\int_0^\pi \cos \frac{\theta}{2} d\theta}$$

Put $\frac{\theta}{2} = \phi$ so that $d\theta = 2d\phi$ and $0 \leq \phi \leq \frac{\pi}{2}$

$$\therefore \bar{x} = a \frac{\int_0^{\pi/2} (4 \cos^5 \phi - 2 \cos^3 \phi) 2 d\phi}{\int_0^{\pi/2} \cos \phi 2 d\phi}$$

$$= a \frac{\int_0^{\pi/2} 4 \cos^5 \phi d\phi - \int_0^{\pi/2} 2 \cos^3 \phi d\phi}{\int_0^{\pi/2} \cos \phi d\phi}$$

$$= \frac{a \left(4 \cdot \frac{4 \cdot 2}{5 \cdot 3 \cdot 1} - \frac{2 \cdot 2}{3 \cdot 1} \right)}{1} = \frac{a \left(\frac{32}{15} - \frac{4}{3} \right)}{1}$$

$$= \frac{a(32 - 20)}{15} = \frac{12a}{15} = \frac{4a}{5}$$

$$\bar{y} = \frac{\int y ds}{\int ds} = \frac{\int_0^\pi a \sin \theta \cdot 2a \cos \frac{\theta}{2} d\theta}{\int_0^\pi 2a \cos \frac{\theta}{2} d\theta}$$

$$= \frac{\int_0^\pi a(4 \cos \theta) \sin \theta \cdot \cos \frac{\theta}{2} d\theta}{\int_0^\pi \cos \frac{\theta}{2} d\theta}$$

$$= \frac{4a \int_0^\pi 2 \cos^2 \frac{\theta}{2} \cdot 2 \sin \frac{\theta}{2} \cos \frac{\theta}{2} \cdot \cos \frac{\theta}{2} d\theta}{\int_0^\pi \cos \frac{\theta}{2} d\theta}$$

$$= \frac{4a \int_0^\pi \cos^4 \frac{\theta}{2} \sin \frac{\theta}{2} d\theta}{\int_0^\pi \cos \frac{\theta}{2} d\theta}$$

$$= \frac{4a \left[-\frac{\cos^5 \frac{\theta}{2} \cdot 2}{5} \right]_0^\pi}{\left[\frac{\sin \frac{\theta}{2}}{\frac{1}{2}} \right]_0^\pi} = \frac{8a(-0+1)}{2} = \frac{4a}{5}$$

Hence, the C.G of the arc is at point $\left(\frac{4a}{5}, \frac{4a}{5} \right)$

2021-22

Student-Assistantship Report (~~2020-21~~)

Name Garima

Email Address. hiteshyaspal522@gmail.com

Class.. B.A. 2nd year

Roll No. 1211982002025

Name of the village/town.. V.P.O. Harisola (K.T.L)

Father's occupation .. Labourer

1. What was the process through which you were selected as student-assistant?

Through written test I was selected as student-assistant.

2. How much amount did you get?

..... 10,000 ₹

3. For what purpose did you use the scholarship money?

..... For going to Indian Institute of Technology

..... and become a good mathematician from IIT.

..... now I am doing preparing for crack IIT JAM.

4. In which activities did you participate as student-assistant?

..... Poster making competition on the topic of

..... mathematics.

5. With whom did you get associated as student-assistant? Name the teacher/teachers.

..... By Mathematics department of R.K.S.D. (P.G) College,

6. How were you benefitted by your association with your teachers?

..... My teachers always promoted me for

..... every step, mostly related to study.

.....
7. What are your future plans?

(a) Want to pursue higher studies, please specify the reason

I want to become a good mathematician and I want to go to IIT for become a good researcher.

(b) Want to go for competitive exams, please specify the reason

Yes, I want to crack IIT Jam for become a good mathematician and a researcher.

8. Did you get any insight or idea about the research process during this process?

Yes, I get more ideas about research process during this process.

9. How was your overall experience?

My overall experience was very nice because I learned a lot about my favorite subject Mathematics.

Garima

Signature



भारत सरकार
Government of India



गरिमा
Garima
जन्म तिथि / DOB : 15/01/2004
महिला / Female



2424 2729 7533

मेरा आधार, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

पता: D/O: बलबान, हरसौला,
हरसौला, कैथल, हरियाणा, 136027
Address: D/O: Balban, Harsola, Harsola,
Kaithal, Haryana, 136027

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हरियाणा ग्रामीण बैंक Haryana Gramin Bank

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 please get your Pass Book completed once a month.

तारीख/DATE

प्रबन्धक/MANAGER

500 / 3700 1753008
 पासबुक में प्रयुक्त शब्द-संक्षेप

ABBREVIATIONS USED IN THE PASS BOOK

समाशोधन	स.शो.
Clearing	Clg.
अन्तरण	अं.
Transfer	Tr.
चैक	चैक
Cheque	Ch.
कमीशन	कमी.
Commission	Com.
ब्याज	ब्याज
Interest	Intt.
बट्टा	बट्टा
Discount	Disc.
बहारी चैक/खरीदे गये बिल	डीडी
Outstation Cheques/Bills Purchased	DD
लाभांश पत्र	ला.पत्र
Dividend Warrant	D/W
वापसी	वापसी
Returning	Rtg.
प्रासंगिक प्रभार	प्रा.प्र.
Incidental Charges	I/C
आगे ले जाया गया	आ/ले
Carried Over	C/O
पीछे ले जाया गया	पी./ला.
Brought Forward	B/F
स्थानीय चैक/मांग ड्राफ्ट	एल.डी.डी.
Local Cheque/Demand Draft	L.D.D.
ड्राफ्ट	ड्रा
Draft	Dft.
नकद	नकद
Cash	Cash
बाहरी बिल/चैक	ओ.बी.सी.
Outstation Bill/Cheque	O.B.C.
आवक डाक अन्तरण	आई.एम.टी.
Inward Mail Transfer	IMT
विदेशी बाह्य बिल खरीदे	एफओबीपी
Foreign Outward Bills Purchased	FOBP
विदेशी बाह्य बिल वसूली	एफओबीसी
Foreign Outward Bills Collected	FOBC

21001

verified

17-53008

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The Principal
R.K.S.D. (PG) College

Kaithal

~~June~~ May 01, 2022

Subject:- Request for Fellowship Programme

Respected Sir,

With due respect, I want to state that I am a student of MA(P) English in your college. With reference to your fellowship programme, I am interested to be a part of it. I have been a very active, hardworking, dedicated and a confident girl.

- * I bagged the ideal student of the year certificate.
- * I got selected for the Head Girl of the school.
- * I had secured 9.4 CGPA in my matriculation.
- * I had completed higher secondary education in Non-Medical stream with 86% marks.
- * I had completed my graduation in 2019 with 71% marks from this college only.
- * I also had won many cash prizes in state level essay writing competition during my graduation.
- * I had anchored many events during my graduation and is continuing the same in my Masters as well.
- * I wrote an article for college magazine which got published as well.

*. I also have done Diploma in computer application with 'A' grade.

I am currently not receiving any kind of scholarship. But this fellowship programme would definitely help me in future goals as I wanted to pursue Ph D programme after my masters and is also preparing for the same. This fellowship will provide me an ample opportunity to explore more about English literature. This fellowship will give me a foundation step for my career. Also, it will surely help me to add more prestige to the college on my behalf. I shall be very thankful to you if you consider my skills and provide me an opportunity to be a part of fellowship.

looking forward for a positive response.

Yours Obediently
Tamana Arora

MA (P) English

221198152088

aroratamana9559@gmail.com.

2021-22

(5)

The Principal
R. K. S. D (PG) College, Kaithal
Kaithal

Respected Sir,

I am student of MA (P) English of your college. I came to know that you are going to provide the scholarship to the needy and the best deserving student. I have good education record and managed to achieve excellent grades.

- I completed my 10th class study from the Govt. Sr. Sec. School Peola, Kaithal, with 84% marks, got the 2nd position in the school.
- From the same school I passed my 12th with 77.6% marks in the examination.
- I did my BA from the R. K. S. D (PG) College, Kaithal, with 79.4% marks.

I actively participated in many activities:

- Poster making competition on "Save Water".
- Essay writing competition.
- Successfully completed "Add on Course" with A+ Grade.
- Also participated in "PPT presentation competition" and "Situation in Dialogue".

I want to be a lecturer. I am committed to working extremely hard to achieve my goal. But, unfortunately, my father lost his job for last six years. My father is under an immense burden and we don't have ample source of income. I did not get any scholarship earlier. I genuinely need this scholarship.

I shall be grateful to you if you consider my application for the scholarship. It will help to cover my education-related expenses.

Yours Sincerely

Lucky

MA (CP) English

Roll No: - 221198152002

Date: 1st June 2022

Not Selected

2021-2022

Student Assistantship (English)
Application

To
The Principal
R.K.S.D (PG) College,
Kaithal



Subject: Request for fellowship.
Respected Sir,

Respectfully, I wish to state that I am a student of M.A(P) English in your college. I am writing this letter to you in order to request you for a fellowship. I was an active and hardworking student in my school days.

- I participated in Shlok Recitation competition at District level.
- I got 92.6% in my 12th board class.
- I was volunteer of National Service Scheme. I stood 2nd in chart competition during N.S.S camp.
- I also participated in Inter-Disciplinary National Scheme on Kashmir problems, organised by R.K.S.D. (PG) College, department of Political Science.
- I am an ambitious student. I participated in all the departmental activities like, Chart-depiction competition, paper reading contest and many classroom activities.
- Recently, I got 2nd position in an enactment, organised by Department of English. I want to become an Associate Professor. I am not able to pursue my further studies because of my financial conditions. We are a family of five members. My father