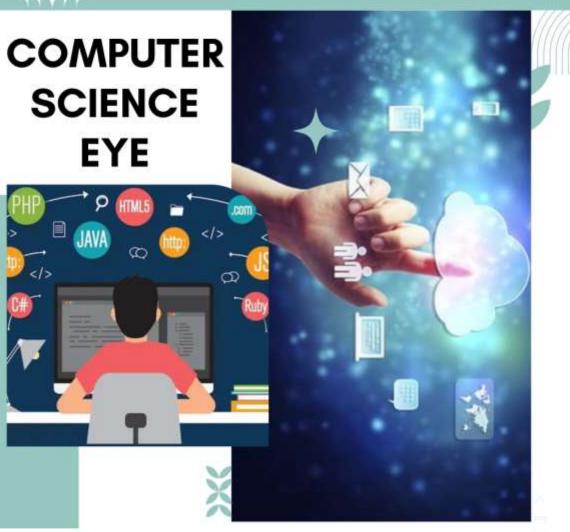


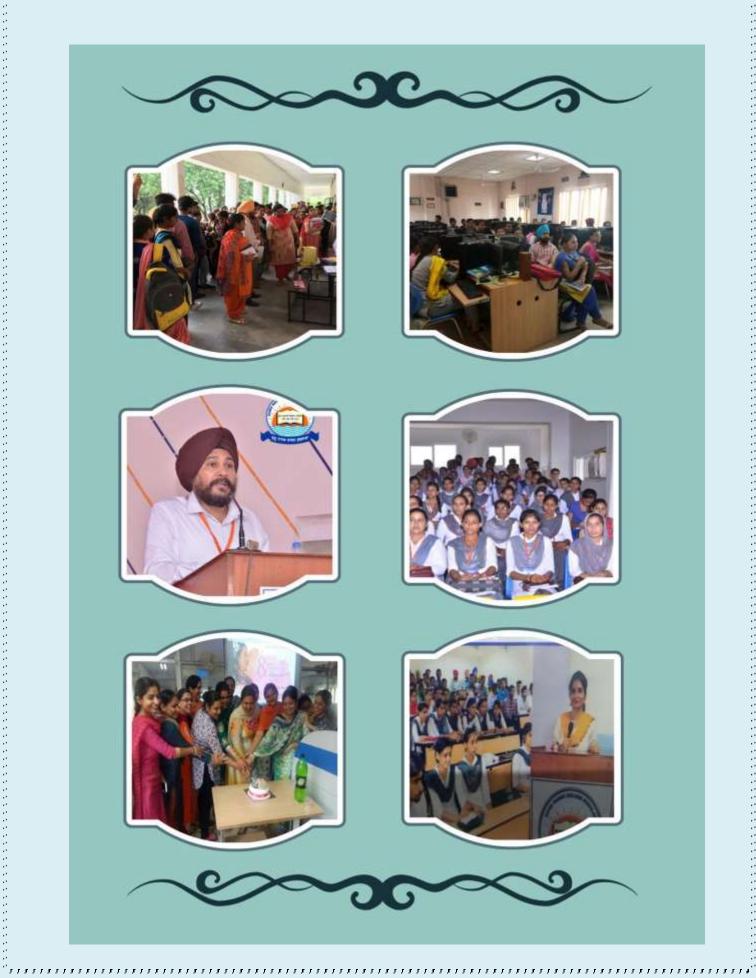
NAAC ACCREDITED "A" GRADE COLLEGE SKILL HUB INSTITUTE SELECTED BY NSDC

2017-18 Department of Computer Science

114>>



THINK HIGH LEARN BETTER



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## Principal's Message



**Guru Nanak College, Budhlada** is one of the premier institutions of higher education in the state and a leading educational institution of Mansa District. Among the all departments, Computer Science Department is running with a great strength of Students.

It is a great initiative taken by Faculty members and students to publish a Computer Science Magazine 2017-2018. Computer Science Department gives the result of all activities at the end of year in a form of magazine. Writing articles for the magazine improves the communication skills of the students. It aims to inspire the students to bring a change in the world of technology. The magazine holds the current technological advancements.

To conclude I would like to congratulate the faculty and the students of the editorial team on bringing out the Departmental Magazine for session (2017-18) . I feel proud to say that Department of computer science has achieved high standards in the previous editions of departmental magazines and I explore my best wishes to the students for their bright future.

**Kuldeep Singh Bal** 



## Associate Editor-in-Chief

## Message

Departmental Magazine is a platform which provides an opportunity to the students and staff to express their views on technical topics. The magazine plays a sound role in providing exposure to the students to develop various computing skills and command over recently developed programming languages. It is a step towards building professional in the field of information technology. Students not only gain the knowledge about the latest technological developments and advancements through reading and writing articles but they also develop ideas to boost technology through these skills.

On concluding note, I would like to thank all the students for their involvement and encouragement and wish all the best for their bright future.

Ms. Rekha Kalra
Head, Department of Computer Science

## **Editorial Committee**

## **Faculty Members**

**A.P Narinder Singh** 

A.P Deepali

**A.P Buta Singh** 

A.P Shabeena

## **Student Members**

Shifali (BCA-III, Batch-2017-18)

Samsher Singh (BCA-III, Batch-2017-18)

## About the Department

Department of computer science was established in 2004 in Guru Nanak College Budhlada. The Department is running with a current strength of 500 students. Department is equipped with 5 ultra modern computer labs with wifi facility upto 100 mbps and 200 computer systems. Department works as a root node for providing internet connectivity to all the departments of institute through its server and LAN cables. Department is running with 3 PG Courses (MCA, M.Sc. (IT) and PGDCA), 2 UG Courses (BCA, B.Voc (SD)) and four value added courses.

## Vision

To provide students with a strong foundation in computer science and preparing them for careers.

## **Mission**

To provide a learning environment that is conducive to the development of theoretical knowledge, practical skills and innovative thinking in the field of computer science.

## Faculty Profile

| Name of Faculty | Designation                             | Qualification                      |  |
|-----------------|---|------------------------------------|--|
| Rekha Kalra     | Head of Department, Assistant Professor | MCA, M.Phil, Ph.D (Pursing)        |  |
| Narinder Singh  | Assistant Professor                     | MCA, M.Phil, Ph.D (Pursing)        |  |
| Lal Singh       | Assistant Professor                     | M.Tech                             |  |
| Geetu           | Assistant Professor                     | MCA, M.Phil, Ph.D (Pursing)        |  |
| Sandhya vats    | Assistant Professor                     | MCA, M.Phil                        |  |
| Nitika Goyal    | Assistant Professor                     | B.Tech, M.Tech                     |  |
| Deepali         | Assistant Professor                     | B.Tech, M.Tech, JRF UGC(NET), GATE |  |
| Gagandeep Kaur  | Assistant Professor                     | B.Tech, M.Tech, Ph.D Pursing       |  |
| Gurinder Kaur   | Assistant Professor                     | MCA, M.Tech                        |  |
| Buta Singh      | Assistant Professor                     | B.Tech, M.Tech                     |  |
| Shabeena        | Assistant Professor                     | MCA                                |  |
| Sandeep Singh   | Assistant Professor                     | or MCA                             |  |
| Parmeet Kaur    | Assistant Professor                     | B.Tech., M. Tech                   |  |
| Lovejeet Kaur   | Assistant Professor                     | M.Tech (CE)                        |  |

## Placements/Achievements

| S.NO. | ROLL NO | STUDENT NAME     | CLASS | DESIGNATION                  | EMPLOYER<br>(DEPARTMENT)                   |
|-------|---------|------------------|-------|------------------------------|--|
| 1     | 2026    | Amandeep Kaur    | MCA   | Teacher                      | Green Land School                          |
| 2     | 2028    | Karndeep Singh   | MCA   | Astt Prof                    | Harcharn Singh Tohra<br>Instt. Bahadurgarh |
| 3     | 2025    | Rajbir Kaur      | MCA   | Astt. Prof. Guest<br>Faculty | University College<br>Bahadurpur           |
| 4     | 2001    | Pardeep Kaur     | MCA   | Ielts Trainer                | Budhlada                                   |
| 5     | 1174    | Balvinder Sharma | BCA   | CASHIER                      | BAJAJ OPERATION<br>DEPARTMENT              |
| 6     | 10904   | Harpal Singh     | B.VOC | Clerk                        | Esicsu                                     |

## **Extension Activities**

## **One Day Job Oriented Seminar**



The PG department of Computer Science has organized seminar for job opportunities in government as well as private sectors. This seminar was presented by Assist. Prof. Buta Singh for the final year students.

## **English and Punjabi Typing Competition**



According to the demand of various govt. sector exams students of computer science department participated in English and Punjabi Typing Competition that was organized by Department of Computer Science.

#### One Day Workshop on Advance Java



To enhance the Programming Skills in Advance Java Programming Language, Department of Computer Science Organized One Day Workshop for BCA-III year students presented by Skykon Technology Software Company Bathinda.

## One Day Seminar on Job Opportunities



To assemble the like-minded intellectuals and professionals to trade ideas, thoughts, and views related to job Opportunities, Department of Computer Science Organized One Day Seminar for Final year students presented by Vanita Bansal.

## Cultural Program

Nowadays, education is not just confined to imparting academic knowledge to the students. However, it is more about holistic development. The modern-day parents want their children to develop into winning personalities with a global perspective. They want their child to be a 'jack of all trades'. So, they have lots of expectations from a College in his/her regard.

The College can mold the students holistically by exposing them to an array of activities along with academics. Cultural activities play a key role in the overall personality development of students. Different types of cultural activities can give different exposure to students. These instill confidence in students and foster a better understanding of the surroundings. The cultural activities also instill life skills and social skills in the students.







Students of Department of Computer Science Participated in various Cultural Events in Cultural Program that was held in March 2018

## Tour/Trips

## One Day Tour at MG Heritage Village Hisar

To make students familiar with traditional culture India, Students of Computer Science Department visited heritage club Hisar. Students gain much knowledge about rich traditional culture of India.



Students of Computer Science Department visited "MG Heritage Village Hisar"

## One Day Educational Tour at Science City "Jalandhar"







Students of Computer Science Department visited "Science City "Jalandhar"

## Special Day Celebrations

#### Teacher's day

Teachers' day is celebrated across the world on various dates. In India, Teachers' day is celebrated on 5th September, the birthday of the former President Sarvepalli Radhakrishnan, a well-known scholar, teacher and promoter of education.



Teachers of Computer Science Department Celebrating Teacher's Day on 5th September 2017

#### **Lohri Celebration**

Lohri is celebrated to mark the end of peak winter, this festival is traditionally associated with the harvest of the rabi crops. People sing and dance around the Lohri fire and throw foods like gajak, popcorn, puffed rice and others into the fire as 'tributes' to the gods in exchange for blessings



## **Voter Day**

Vote is a right of every individual to select his/her choice's leader of Government. In order to aware students about their rights Department of Computer Science has celebrated this day on 25<sup>th</sup> January 2018 as National Voters Day.



Students of the Department taking oath on Voters Day.

#### **International Women's day**

Department of Computer Science Organized International Women's Day on 8<sup>th</sup> March 2018 and Essay writing competition was organized on this day



Winner Students awarded with Prizes by College Principal Dr. Kuldeep Singh Bal and Head of Department Prof. Rekha Kalra.

#### **Teacher Corner**

#### 5 Ways to Quickly Improve Your Academic Essay Writing Skills

Once you know the basics of writing an essay, an academic essay writing style is a very easy style to build. An academic essay gives a solid, debatable thesis that is then provided with proper proof, which can be from other sources or from your own research.

Most research follows a fixed set of rules and regulations. By remembering certain rules for an academic essay, you can make a valuable, persuasive paper. After getting a grip at the basics, writing on any topic is a very easy assignment.

Here are some techniques that will help you improve your academic essay writing.

#### 1) Read other's essays

Other people's essays help you build your own essay, just like how the books you read unintentionally help in making your writing style. Try to read a variety of other papers, including those of your colleagues and of professors. Read essays on a wide range of themes, not just those that you're learning; different subjects might apply various kinds of points or styles, so the broader you read, the more probable methods there are for you to use in your own essays.

#### 2) Build your vocabulary

A good hold over the vocabulary will allow you to communicate exactly what you mean, as clearly and briefly as possible. One way of confirming that you can converse clearly and accurately is through precise and efficient use of sophisticated language. A good essayist should never take it easy when it comes to language; it's something you should be working on frequently. What's more, using a good vocabulary shows intellect and helps you be more convincing in your essay.

Here are some ways in which you can shape your vocabulary:

- Practice the a 'word a day' thing via an app for e-mail.
- Read extensively and check a dictionary for words you don't know.
- Make use of a thesaurus.

#### 3) Elevator pitching your essays

To summarize what you're trying to say into a short, quick summary to help you, try preparing an 'Elevator Pitch' style synopsis of what you aim to write and why students should be attracted by it.

The Elevator Pitch is a method used by salespeople when shortening the arguments for purchasing a product into the briefest possible outline of why a client should buy that product. Your Elevator Pitch for your essay convey your idea to the reader, leaving them choosing to read your essay. It is a hard exercise, as it pushes you to be brutally brief in your reasoning and phrasing, but you can use this synopsis to help you write your opening, and it'll help you attain precision in what you're trying to say.

#### 4) Provide other's opinion to your reader

Make sure you cite other people's views, and original sources, on the topic you're writing about. It's doubtful that everyone approves on the theme, so prove you've looked at all the likely viewpoints.

For every subject you're learning, write a page for prominent people in that field, with a synopsis of when they existed and their views. Hence, you'll have a bit to refer to when you're composing an essay and want to check suitable researchers whose views you might want to incorporate.

Mix quotations with your own views so that it doesn't look like you follow other people's arguments. It's okay to not agree with an academic you cite, if you can offer proof and rational reasons for doing so.

#### 5) Syntax, punctuation and tone of voice

You may not intentionally recognize it when you're reading, but refined sentence arrangements make a huge variance to how smart you sound. Efficient punctuation is important in expressing your cases convincingly. The reader shouldn't have to read a line several times to comprehend it.

Essays comprise of a proper, academic setting, but that doesn't mean 'boring.' A convinced tone will show the reader that you know what you're speaking about.

Composing in the active instead of the passive voice is a renowned trick that essayists use to give their writing a gist of proximity and make it more convincing. Through a whole essay, you'd be astounded at the variation this makes to your quality of writing.

Finally don't forget the basics, you begin writing, pay more attentiveness to the approach, syntax, and punctuation. Ensure you're using appropriate terminology and pledge to provide a proper conclusion that will sum up the whole essay.

**Buta Singh** 

**Assistant Prof.** 

## **Internet of Things**

There's a lot of noise at the moment about the Internet of Things (or IoT) and its impact on everything from the way we travel and do our shopping to the way manufacturers keep track of inventory. But what is the Internet of Things? How does it work? And is it really that important? What is the Internet of Things?

In a nutshell, the Internet of Things is the concept of connecting any device (so long as it has an on/off switch) to the Internet and to other connected devices. The IoT is a giant network of connected things and people – all of which collect and share data about the way they are used and about the environment around them.

That includes an extraordinary number of objects of all shapes and sizes – from smart microwaves, which automatically cook your food for the right length of time, to self-driving cars, whose complex sensors detect objects in their path, to wearable fitness devices that measure your heart rate and the number of steps you've taken that day, then use that information to suggest exercise plans tailored to you. There are even connected footballs that can track how far and fast they are thrown and record those statistics via an app for future training purposes.

How does it work?

Devices and objects with built in sensors are connected to an Internet of Things platform, which integrates data from the different devices and applies analytics to share the most valuable information with applications built to address specific needs.

These powerful IoT platforms can pinpoint exactly what information is useful and what can safely be ignored. This information can be used to detect patterns, make recommendations, and detect possible problems before they occur.

For example, if I own a car manufacturing business, I might want to know which optional components (leather seats or alloy wheels, for example) are the most popular. Using Internet of Things technology, I can:

- Use sensors to detect which areas in a showroom are the most popular, and where customers linger longest;
- Drill down into the available sales data to identify which components are selling fastest;
- Automatically align sales data with supply, so that popular items don't go out of stock.

The information picked up by connected devices enables me to make smart decisions about which components to stock up on, based on real-time information, which helps me save time and money.

With the insight provided by advanced analytics comes the power to make processes more efficient. Smart objects and systems mean you can automate certain tasks, particularly when these are repetitive, mundane, time-consuming or even dangerous. Let's look at some examples to see what this looks like in real life.

Scenario #1: IoT in your home

Imagine you wake up at 7am every day to go to work. Your alarm clock does the job of waking you just fine. That is, until something goes wrong. Your train's cancelled and you have to drive

to work instead. The only problem is that it takes longer to drive, and you would have needed to get up at 6.45am to avoid being late. Oh, and it's pouring with rain, so you'll need to drive slower than usual. A connected or IoT-enabled alarm clock would reset itself based on all these factors, to ensure you got to work on time. It could recognize that your usual train is cancelled, calculate the driving distance and travel time for your alternative route to work, check the weather and factor in slower travelling speed because of heavy rain, and calculate when it needs to wake you up so you're not late. If it's super-smart, if might even sync with your IoT-enabled coffee maker, to ensure your morning caffeine's ready to go when you get up.

Scenario #2: IoT in transport

Having been woken by your smart alarm, you're now driving to work. On comes the engine light. You'd rather not head straight to the garage, but what if it's something urgent? In a connected car, the sensor that triggered the check engine light would communicate with others in the car. A component called the diagnostic bus collects data from these sensors and passes it to a gateway in the car, which sends the most relevant information to the manufacturer's platform. The manufacturer can use data from the car to offer you an appointment to get the part fixed, send you directions to the nearest dealer, and make sure the correct replacement part is ordered so it's ready for you when you show up.

**Gurinder Kaur** 

**Assistant Prof.** 

#### Role of Information Technology in Environment and Human Health

Information technology has tremendous potential in the field of environment education and health as in any other field like business, economics, politics or culture. Development of internet facilities, Geographic Information System (GIS) and information through satellites has generated a wealth of up-to- date information on various aspects of environment and health. A number of software have been developed for environment and health studies which are used friendly and can help an early learner in knowing and understanding the subject.

#### **Database on Environment System:**

Database is the collection of interrelated data on various subjects. It is usually in computerized form and can be retrieved whenever required. In the computer the information of database and can be very quickly retrieved. The comprehensive database includes wildlife database, conservation database, forest cover database etc. database is also available for diseases like HIV/AIDS, Malaria, Fluorosis, etc.

#### (a) National Management Information System (NMIS):

NMIS of the Department of Science and Technology has compiled a database on Research and Development Projects along with information about research scientists and personnel involved.

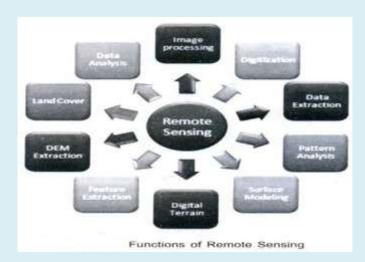
#### (b) Environmental Information System (ENVIS):

The Ministry of Environment and Forests, Government of India has created an information System called Environmental Information System (ENVIS). With its headquarters in Delhi, it functions in 25 different centres all over the country.

The ENVIS centres work for generating a network of database in areas like pollution control, clean technologies, remote sensing, coastal ecology, biodiversity, western Ghats and eastern environmental management, media related to environment, renewable energy, desertification, mangroves, wildlife, Himalayan ecology, mining etc.

#### (c) Remote Sensing and Geographical Information System (GIS):

Satellite imageries provide us actual information about various physical and biological resources and also to some extent about their state of degradation in a digital form through remote sensing. Satellite imageries provide us actual information about various physical and biological resources and also to some extent about their state of degradation in a digital form through remote sensing. We are able to gather digital information on environment aspects like water logging, desertification, deforestation, urban sprawl, river and canal network, mineral and energy reserves and so on.



#### (d) Geographical Information System (GIS):

GIS has proved to be a very effective tool in environmental management. GIS is a technique of superimposing various thematic maps using digital data on a large number of inter-related or inter dependent aspects. Several useful soft-wares have been developed for working in the field of GIS.

Different thematic maps containing digital information on a number of aspects like water resources, industrial growth, human settlements, road network, soil type, forest land, crop land or grassland etc. are superimposed in a layered form in computer using software.

Such information of polluted zones, degraded lands or diseased cropland etc. can be made based on GIS. Planning for locating suitable areas for industrial growth is now being done using GIS by preparing Zoning Atlas. GIS serves to check unplanned growth and helps in providing correct, reliable and verifiable information about forest cover, success of conservation efforts etc.

They also provide information of atmospheric phenomena, like approach of monsoon, ozone layer depletion many new reserves of oil; minerals etc. with the remote sensing and GIS play a key role in resource mapping, environmental conservation, management, planning and environmental impact assessment.

It also helps in identifying several disease infested areas which are prone to some vector-borne diseases like malaria, schistosomiasis etc. based upon mapping of such areas. There are several Distribution Information Centres (DICs) in our country that are linked with each other and with the central information network having access to international database.

hey also provide information of atmospheric phenomena like approach of monsoon, ozone layer depletion, inversion phenomena, smog etc. We are able to discover many new reserves of oils, minerals etc. with the help of information generated by remote sensing satellites. Thus remote sensing and GIS play a key role in resource mapping, environmental conservation, management, and planning and environmental impact assessment.



#### (e) The World Wide Web:

With resources material on every aspect, class-room activities, and digital files of photos, power-point lecture presentations, animations, web-exercises and quiz has proved to be extremely useful both for the students and the teachers of environmental studies.

Parmeet Kaur Assistant Professor

## Student Corner

### **3D Printers**

3D Printing is an additive manufacturing Process that creates a physical object from a digital design. A digital model is turned into a solid three dimensional physical object by adding material layer by layer.

## **How 3D Printing Works?**

It starts with making a virtual design of the object you want to create. This virtual design is made using a 3D modeling program or with the use of a 3D scanner. This scanner makes a 3D digital copy of an object and puts it into a 3D modeling program. To prepare the digital file created in a 3D modeling program for printing, the software slices the final model into hundreds or thousands of horizontal layers. When this prepared file is uploaded in the 3D printer, the printer creates the object layer by layer. The 3D printer reads every slice (or 2D image) and proceeds to create the object blending each layer together with no sign of the layering visible, resulting in one three dimensional object.



**Jagseer Singh** 

M.Sc. IT-I

## **Blue Eyes Technology**

Have you ever thought that computer can talk with us like we talk with each other??

What if the computer knows all your mood swings??

What if the computer tells you to calm down when you are angry??

What if the computer tells you to drink water when you are dehydrated??

Imagine a world where humans collaborate with computers!!

Blue eyes technology makes a computer to understand and sense human feelings and the behavior and also enables the computer to react according to the sensed emotional levels. With the help of speech recognition and facial recognition system computers gathers information from the users and starts interacting with them according to mood variations. Blue eyes technology consist of Mobile measuring device or Data Acquisition Unit(DAU), Central System Unit(CSU) and the hardware. Bluetooth technology is provided for the coordination and communication between the two units. The operator's physiological condition is continually supervised by this Blue Eyes technology software. The software will respond in real time according to the operator's behavior.



Pardeep Kaur Class-MCA-III

#### **DAK Network**

Dak net is a wireless network that takes advantage of existing transportation like bus, car, motor, bikes, bicycle and communication infrastructures like hub, routers and other connecting devices to provide digital connectivity.

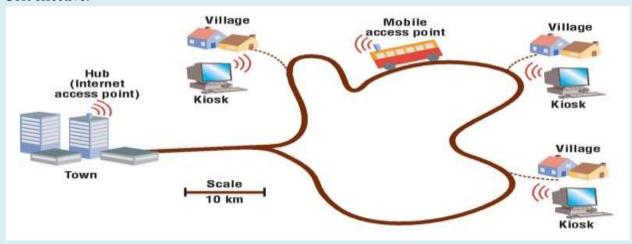
In daknet the word "net" stands for network and the word "dak" is derived from hindi word 'dak' which means exchange of information is done wirelessly by means of physical transportations to extend the internet connectivity. DakNet has been successfully deployed in remote parts of both India and Cambodia at a cost two orders of magnitude less than of traditional landline solutions. It can provide broadband access to even the most remote areas at a low price. The concept of daknet introduced by the concept of exchanging the information by pegion in ancient days. This daknet service was developed by FMS cofounder Richard Fletcher at MIT.

Daknet is useful due to:-

Store-and-forward communication.

Seamless scalability.

Cost effective.



Dharm Singh Class:- M.Sc. IT-LE

### **Time - Management**

Time is the most valuable resource and needs to be managed properly to utilize its full benefits. It has been quoted that "Time travels faster than light". We complain that we run short of time, even though we have full 24hrs in a day. This is due to lack of proper time management. Time management helps you in several ways- For example, it helps you to:

Plan each day efficiently, Reduce stress, Set and work towards achieving long-term goals.

How to Manage Time:-

Avoid procrastination:- Procrastination is the habit of putting things off for a later date. To avoid this problem, resolve not to postpone what can be done today.

Learn to say "No":- People often make the mistake of saying 'yes' to everything they are asked to do without actually analyzing whether they have time to do it. Over-commitment can cause you a lot of stress and can be harmful for your health. However, saying "no" might not be possible all the time. In such a case, you might try saying "I have other commitments..." or "I am sorry, even if I want to, I would not be able to squeeze it in my already tight schedule".

Set up a routine:- set a routine for doing certain things at a certain time daily and in defined time duration. Then stick to that routine every day.

Define goals:- It is difficult to manage your time effectively if you are not clear about your goals.

Time Stealers

Sometimes you agree to take on things which have no benefit to you in the long run. Some common time stealers are:

Telephone calls:- Long telephone calls are a big wastage of time. Do not make or receive unofficial telephone calls during office hours.

Internet browsing: Be careful about being drawn in by the Internet. Doing some research on the Internet can lead to distractions such as online shopping or browsing through interesting sites that are unrelated to your current project.

Longer meal times: Avoid long lunch breaks. Too long a delay before resuming work may hamper your focus and add distractions.

Meetings: When attending a meeting, keep a track of time. Meetings without a proper agenda are a big wastage of time.

Jagjit Singh Class- MCA-III

## <u>ਸੱਚ ਤੇ ਝੂਠ</u>

ਹਰ ਪੱਖ ਨੂੰ ਸਾਬਤ ਕਰਨ ਲਈ ਕੋਈ ਨਾ ਕੋਈ ਦਲੀਲ ਲੱਭ ਹੀ ਆਉਂਦੀ ਏ ਤੇ, ਹਰ ਦਲੀਲ ਦੀ ਪੁਸ਼ਟੀ ਲਈ ਕੋਈ ਨਾ ਕੋਈ ਤਸ਼ਬੀਹ ਵੀ ਮਿਲ਼ ਹੀ ਜਾਂਦੀ ਹੈ ਪਰ ਦਲੀਲਾਂ ਤੇ ਤਸ਼ਬੀਹਾਂ ਨਾਲ਼ ਕੀ ਹੁੰਦਾ ਹੈ ਸੱਚ ਤੇ ਸੱਚ ਹੀ ਰਹਿੰਦਾ ਹੈ ਤੇ ਸੱਚ ਇਹ ਹੈ ਕਿ ਝੂਠ ਕੁੱਝ ਨਹੀਂ।

## PARDEEP KAUR MCA-III

## <u>ਬ੍ਰਹਿਮੰਡ</u>

ਮੇਰਾ ਹੱਥ ਵਧ ਰਿਹਾ ਹੈ ਰਾਤ ਦੇ ਹਨ੍ਹੇਰੇ ਵਿੱਚ ਇੱਕ ਦੀਪ ਜਗਾਉਣ ਲਈ

ਦੂਰ ਕਿਤੇ

ਇੱਕ ਹੱਥ ਵਧ ਰਿਹਾ ਹੈ ਦਿਨ ਦੇ ਚਾਨਣ ਵਿੱਚ ਸੂਰਜ ਚਰਾਉਣ ਲਈ

> MANPREET KAUR BCA-III

#### ਪੰਜਾਬੀ ਜਿਉਂਦੇ ਰਹਿਣਗੇ

ਰਹੇਗਾ ਸੰਗੀਤ ਰਾਗੀ ਢਾਡੀ ਜਿਉਂਦੇ ਰਹਿਣਗੇ ਲੋਕ ਗੀਤਾਂ ਨਾਲ਼ ਦਾਦਾ ਦਾਦੀ ਜਿਉਂਦੇ ਰਹਿਣਗੇ ਦਿੰਦੇ ਰਹੋ ਭਰ ਭਰ ਮੁੱਠੀਆਂ ਪਿਆਰ ਇਹਨੂੰ ਬੋਲੀ ਜਿਉਂਦੀ ਰਹੀ ਤਾਂ ਪੰਜਾਬੀ ਜਿਉਂਦੇ ਰਹਿਣਗੇ

> <u>ਤਾਨੀਆ</u> B.Voc. (SD)-II

#### ਰੋਚਕ ਤੱਥ

- ਪੂਰੀ ਦੁਨੀਆਂ ਵਿੱਚ ਇੰਨੇ ਇਨਸਾਨ ਰਹਿੰਦੇ ਹਨ ਕਿ ਜੇਕਰ ਤੁਸੀਂ ਇੱਕ ਇਨਸਾਨ ਨੂੰ ਇੱਕ ਸੈਕਿੰਡ ਲਈ ਵੀ ਮਿਲੋ ਤਾਂ ਤੁਹਾਨੂੰ ਸਾਰਿਆਂ ਨੂੰ ਮਿਲਣ ਲਈ 244 ਸਾਲਾਂ ਦਾ ਸਮਾਂ ਲੱਗੇਗਾ।
- ਸੰਨ 2011 ਵਿੱਚ, ਵਿਗਿਆਨੀ ਨੇ ਇੱਕ ਰੋਬੋਟ ਬਣਾਇਆ ਅਤੇ ਉਸਨੂੰ ਪੁੱਛਿਆ, 'ਕੀ ਰੋਬੋਟ ਮਨੁੱਖਾਂ ਉੱਤੇ ਰਾਜ ਕਰ ਸਕਦੇ ਹਨ?' ਰੋਬੋਟ ਨੇ ਫਿਰ ਜਵਾਬ ਦਿੱਤਾ, 'ਤੁਸੀਂ ਚਿੰਤਾ ਨਾ ਕਰੋ ਅਸੀਂ ਤੁਹਾਨੂੰ ਨੁਕਸਾਨ ਨਹੀਂ ਪਹੁੰਚਾਉਂਦੇ, ਬੱਸ ਤੁਹਾਨੂੰ ਕੈਦ ਵਿੱਚ ਰੱਖਾਂਗੇ', ਇਹ ਸੁਣਦਿਆਂ ਹੀ ਵਿਗਿਆਨੀ ਨੇ ਰੋਬੋਟ ਨੂੰ ਤੁਰੰਤ ਨਸ਼ਟ ਕਰ ਦਿੱਤਾ।

<u>ਸੂਬੇਗ ਸਿੰਘ</u> B.Voc. (SD)-II

## **Strive for "The Best"**

Focus on the Present Fail Forward
Think big
Do what you Love Stay
Positive Passion is Power
Experience is Priceless Be Persistent
Get the job done
Fighting for something you believe in

ਜਸਵੀਰ ਕੌਰ BCA-I

### How to Assign Priorities to your Daily Work

(The Time Management Grid)

| Importance |  |                                       |  |
|------------|--|---------------------------------------|--|
| Urgency    | Quadrant 1: Important and Urgent       | Quadrant 2: Important but not Urgent  |  |
|            | Quadrant 3:  Not Important but  Urgent | Quadrant 4: Not Important, Not Urgent |  |

<u>ਅਰਵਿੰਦਰ ਸਿੰਘ</u> RCA-I

## **News Clips of Computer Science Department**



## ਐੱਮਸੀਏ 'ਚ ਮੋਹਰੀ ਰਹੇ ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਦੇ ਵਿਦਿਆਰਥੀ

ਪੈਤਰ ਪ੍ਰੋਗਕ, ਯੁਕਸਾਡਾ : ਪੰਜਾਬੀ ਯੂਨੀਬਰਸ਼ਿਤੀ ਪਟਿਕਾਰਾ ਵੀਏ ਅੰਜਿਤ ਜੀਮਾਸ਼ਿਤ ਕਾਰ ਭੀਜਾ ਸਮੀਮਤਰ ਕੋਵਾਂ ਦੇ ਨਵੀਰੇ ਜਿੱਥ ਗੁਰੂ ਨਾਕ ਕਾਰਜ ਪੁਸ਼ਤਾਨ ਕੋ ਜ਼ਿਲ੍ਹਾ ਗੁਰੂ ਨਾਕ ਕਾਰਜ ਪੁਸ਼ਤਾਨ ਕਰਵਿਕਾ ਆਪਣ ਹੀ ਨਹੀਂ ਪਤਾਨ ਕਰਵਿਕਾ ਆਪਣ ਹੀ ਨਹੀਂ ਪਤਾਨ ਕਰਵਿਕਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜਾਇਰ ਭਾਣਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜਾਇਰ ਭਾਣਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜਾਇਰ ਦਿਸ਼ਤਾ ਦੇ ਮੁਖੀ ਹੈ ਹੋਰ ਜਾਇਰ ਵਿਜ਼ਾਬ ਦੇ ਮੁਖੀ ਹੈ ਹੋਰ ਜਾਇਰ ਜਿਹਤਾ ਦੇ ਮੁਖੀ ਹੈ ਹੋਰ ਜਾਇਰ ਜਿਹਤਾ ਨੇ ਜਿਹਤਾ ਜਾਇਰ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜਾਇਰ ਜਿਹਤਾ ਨੇ ਜਿਹਤਾ ਜਿਹਤਾ ਨੇ ਜੁੜ੍ਹਾ ਜਾਇਰ ਜਿਹਤਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜੀਪ੍ਰੋਤਰ ਜਿਹਤਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜੀਪ੍ਰੋਤਰ ਜਿਹਤਾ ਹੈ। ਜੀਪ੍ਰੋਤਰ ਜੀਪ੍ਰੋਤਰ

ਸਮਝਾਈਪ ਕੋਰ, ਪ੍ਰਮਾਰੰਤ ਕੋਰ, ਕਰਨਾਈਪ ਜ਼ਿੰਘ, ਸਮਝਾਈਤ ਕੋਰ, ਅਮਝਾਈਪ ਜ਼ਿੰਘ ਜ਼ੌਤਲਾ ਜਾਣੀ ਗੁਰਮੀਤ ਕੋਰ, ਅਮਝਾਈਪ ਕੋਰ, ਸ਼ਾਪੀਰ ਕੋਰ ਅਕੇ ਜ਼ਲਮੀਤ ਕੋਰ ਨੂੰ ਜ਼ੀਦਿਰ ਕੋਰ, ਅਮਝਾਈਪ ਕੋਰ, ਅਮਝਾਈਟ ਹੋਰ, ਹਾਲਈਪ ਕੋਰ, ਜਾਣੀਰ ਕੋਰ, ਗੁਰਪਿੰਦਰ ਕੋਰ, ਜਾਣੀਰ ਕੋਰ, ਜਾਣੀਰ ਕੋਰ, ਗੁਰਪਿੰਦਰ ਕੋਰ, ਜੀਪਰ ਸ਼ੁਮਾਰ, ਅਮਝਾਈਪ ਕੋਰ, ਕਰਿਤਾ ਅਜ਼ਿੰਦ, ਲਈਪ ਕੋਰ, ਜਾਣਵੀਪ ਕੋਰ ਅਤੇ ਪ੍ਰਸ਼ਾਨ ਅਤਾ । ਸੀ।ਰੀ।ਪੀਏ ਪ੍ਰਮਾਰ ਅਤੇ ਗਾਲਾ ਵਿਚੋਂ ਸ਼ਮਾਵ ਪਹਿਲਾ, ਜੂਦਾ ਅਤੇ ਗੀਦ ਸ਼ੁਬਾਨ ਵਾਲੀ ਗਰਿੰਦ ਗਿੰਘ ਕੋਰੀਵਾਲ ਦੇ ਪ੍ਰਧਾਨ ਵਾਲੀ ਗਰਿੰਦ ਗਿੰਘ ਕੋਰੀਵਾਲ ਦੇ ਸ਼੍ਰੀ।ਪੀਲ ਕਾਰ ਗਰੀ ਗਰਿੰਦ ਗਿੰਘ ਕੋਰੀਵਾਲ ਅਤੇ ਵਿਚੋਲਆਜ਼ਰੀਆਂ ਨੂੰ ਵਾਰ ਦੀ ਜ਼ਿੰਦੀ।

## ਬੀ.ਸੀ.ਏ. ਭਾਗ ਪਹਿਲਾ ਦੇ ਨਤੀਜੇ 'ਚ ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਬੁਢਲਾਡਾ ਦਾ ਸ਼ਾਨਦਾਰ ਪ੍ਰਦਰਸ਼ਨ

प्राप्त कुमार है स्पृति ।
तिम करन विमानिका विम् विमानिका विमानिका

und i om om geliet de eine de von de ferstelle de dligte monden viz fontde i den ve so on in life felomente è ultre

नीतपुरत विनाम व गान्य प्रमुख है प्रिम भारत्यक स्त्रीमें श्रीकां बर्ज्याचा निर्मितां कर पुरुष नारामाची विभिन्न किया कि नीतपुरत विनाम से बीजों के स्त्री



are notified dest, poi em facilità de socificio derici facilità di socificio della gollectici dicercar è chia de si doi il fe ducrio quas assi, nel recise filo il de socressi è follula ai grashi bia de 2 ferromatine è serO era macena il lafonnoli figliare politici sull'acceptante della politici di la compania della politici di la compania della politici di la compania di la





## ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਵਿਖੇ ਮਹਿਲਾ ਦਿਵਸ ਨੂੰ ਸਮਰਪਿਤ ਸੈਮੀਨਾਰ

कुमार है। अर्थ करते हुई राज बाज पर देश करते हैं विश्व के अपने हैं करते हैं कुमार कि राजे सकरोबर कि है मेरीक राज प्रात्मिक है, जिस है काकुर क्षेत्र के प्राप्त है। चेटर क्यारों मीतर किसा है करीया किया किया देशों करता है। यह कि से राहे का है। प्रार्थ किसा है के करता है किया करिया है। कि से प्राप्त करता है। वह है के से का है क्या है। प्रार्थ करता कि से करता है। कि साम में किए कि से किसा है करते हैं। को क्यार है है कि भीतम है आपटे आप में भारतनिवस्ता, स्वेश में जैन है।





ਪੰਤਰ ਪ੍ਰੇਰਕ, ਬੁਢਲਾਡਾ: ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਪਟਿਆਲਾ ਵੱਲੋਂ ਐਮਸੀਏ ਭਾਗ ਪਹਿਲਾ ਦੀ ਪ੍ਰੀਮਿਆ ਦੇ ਐਲਾਨੇ ਗਏ ਨਤੀਜੇ ਵਿੱਚ ਗੁਰੂ ਨਾਨਕ ਕਾਲਸ ਬੁਢਲਾਡਾ ਦੇ ਇਵਿਆਰਥੀਆਂ ਨੇ ਸ਼ਾਨਦਾਰ ਪ੍ਰਦਰਸ਼ਨ ਕਰਦਿਆਂ 100 ਫੀਸਦੀ ਨਤੀਜੇ ਪ੍ਰਾਪਤ ਕੀਤੇ ਹਨ। ਇਸ ਪ੍ਰੀਮਿਆ ਵਿੱਚ ਛੱਲ 39 ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਭਾਗ ਲਿਆ ਅਤੇ ਇਨ੍ਹਾ ਇਦਿਆਰਥੀਆਂ ਇਹ ਅਮਨਦੀਪ ਕੋਰ ਨੇ 90, ਅਮਨਦੀਪ ਕੋਰ ਨੇ 805, ਨਿੰਸ਼ੂ ਰਾਣੀ ਨੇ 843 ਐਸਜੀਪੀਏ ਅੱਕ ਪ੍ਰਾਪਤ ਕਰਕੇ ਕਾਲਜ ਵਿਚੋਂ ਕ੍ਰਮਵਾਰ ਪਹਿਲਾ, ਦੂਜਾ ਅਤੇ ਤੀਜਾ ਸਥਾਨ ਹਾਸਿਲ ਕੀਤਾ ਹੈ। ਪ੍ਰਿੰਸੀਪਲ ਡਾ. ਫੁਲਦੀਪ ਸਿੰਘ ਛੱਲ ਨੇ ਵਿਦਿਆਰਥੀਆਂ ਅਤੇ ਅਧਿਆਪਕਾ ਨੂੰ ਵਧਾਈ ਚਿੱਦਿਆਂ ਆਪਣੀ ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਅੱਗ ਦਪਣ ਲਈ ਪ੍ਰੇਪਿਤ ਕਰਦਿਆਂ ਕਿਹਾ ਕਿ ਮਿਹਨਤ ਸਦਕਾ ਹੀ ਬੁਲੰਦੀਆਂ ਸ਼ਰ ਕੀਤੀਆਂ ਜਾਦੀਆਂ ਹਨ। ਇਸ ਮੌਕੇ ਸਹਾਇਕ ਪ੍ਰੋਫੈਸਰ ਨਰਿੰਦਰ ਸਿੰਘ, ਲਾਲ ਸਿੰਘ, ਸੰਧਿਆ ਵਤਸ, ਗੀਡੋ, ਨੀਤੀਕਾ, ਗੁਰਿੰਦਰ ਕੋਰ, ਸ਼ਬੀਨਾ, ਗਗਨਦੀਪ ਕੋਰ ਮਾਨਸ਼ਾਰੀਆਂ, ਅਨੂਪ ਸਿੰਘ ਖਾਲਸਾ ਤੇ ਅਮਨਪ੍ਰੀਤ ਸਿੰਘ ਆਦਿ ਹਾਜ਼ਰ ਸਨ।



ਐਮ. ਸੀ. ਏ. ਦੇ ਨਤੀਜੇ 'ਚ ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਬੂਚਲਾਡਾ ਦੇ ਸਫ਼ਲ ਵਿਦਿਆਰਥੀ ਪਿੰਸੀਪਲ ਅਤੇ तस्त्रीत : रेसी इचलावा ਬਣਾਵ ਨਾਲ।

# ਐਮ. ਸੀ. ਏ. ਦੇ ਨਤੀਜੇ 'ਚ ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਦੇ ਵਿਦਿਆ

ਵਾਲੜਾ ਨੇ ਦੱਸਿਆ ਕਿ ਇਸ ਪ੍ਰੀਖਿਆ 'ਚ ਵਿਦਿਆਦਵੀਆਂ ਨੇ ਵੀ ਇਹ ਪ੍ਰੀਚਿਆ ਪਹਿਲੇ । ਆਦਿ ਹਾਜ਼ਦ ਸਨ।

ਭੁਵਨਾਵਾਂ, 29 ਮਾਰਰ ਹਿੰਨ ਪ.ਪ.) - ਭੁੰਨ ਕਾਰਜ ਦੇ 39 ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦਰਜੇ 'ਚ ਪਾਸ ਕੀਤੀ ਹੈ। ਹਿੰਸੀਪਨ ਡਾ ਪੰਜਾਬੀ ਕਰੀਵਰੀਸ਼ਟੀ ਪਟਿਆਰਾ ਵਲੋਂ ਭਾਰ ਲਿਆ ਤੇ ਜਿਹਾ 'ਚੋਂ ਅਮਰਦੀਪ ਬੇਰ ਨੇ ਵਸਦੀਪ ਸਿੰਘ ਬੋਲ ਨੇ ਵਿਦਿਆਰਥੀਆਂ ਤੋ ਐਨਲੇ ਰਣ ਐਮ. ਸੀ. ਏ. ਭਾਰ ਪਹਿਲਾ ਦੀ 9.0 ਐਸ. ਜੀ. ਪੀ. ਏ., ਅਮਨਦੀਪ ਹੋਰ ਨੇ ਅਧਿਆਪਵਾਂ ਨੂੰ ਕਧਾਈ ਦਿੱਤੀ।। ਇਸ ਮੌਕੇ पुरिकर से उजीतमा 'स तुरु राजब ८.६९ भेर भी. थी. से, दिनु बारी हे. स्वारिक पुरिवर टिस्स विधा, ताल विधा, बातम कुबराबा ने विनिभाववीओं हैं 8.43 ओर. भी. थी. है ओव एपड वह वें मींप्रेश बडार, डीडू, हीजीवा, डुविन्स बारासार पुस्तकार बर्शास्थां 100 पुर्वोक्तर वामान हिं बानदाच परिकार, सूना भारते वेंब, ब्राक्टेरर, रावार स्टेप बेंड भारतवारीका रहीने पृथ्य बीडे वर विकास भूपी देश' होना अवार राजन बीज है 19 वेंदर्ग अरुप किय असम है अध्यापीत किय



http://epaper.ajitjalandhar.com/edition/20180329/24/10.cms

ਪਜਾਬੀ ਯੂਨਵਿਰਸਟੀ ਪਟਿਆਲਾ ਐਲਾਨੇ ਬੀ. ਸੀ. ਏ. ਭਾਗ ਤੀਜਾ ਸਮਸਟਰ 5ਵਾਂ ਦੇ ਨਤੀਜ਼ ਵਿਚ ਸਥਾਨਕ ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਬਦਲਾਡਾ ਦ ਵਿਦਿਆਰਥੀਆਂ ਨ ਵਿਭਾਗ ਦੇ ਪੇ: ਰੇਖਾ ਕਾਲੜਾ ਨੇ ਦੱਸਿਆ ਕਿ ਕਲਾਸ ਵਿਚੇ ਮਨਪੀਤ ਕੋਰ ਨੇ 80.71 78.71 ਕਾਲਜ ਵਿਚ ਕਮਵਾਰ ਦੂਜਾ ਅਤੇ ਤੀਜਾ ਸਥਾਨ ਹਾਸਲ ਕੀਤਾ। ਬਾਕੀ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵੀ ਵਧੀਆ ਚੰਗੇ ਅੰਕ ਪਾਪਤ ਕੀਤੇ। ਪਿੰਸੀਪਲ ਡਾ: ਕਲਦੀਪ ਸਿੰਘ ਬੱਲ ਨ ਵਿਦਿਆਰਥੀਆਂ ਅਤੇ ਸਟਾਫ਼ ਨੂੰ ਵਧਾਈਆਂ ਦਿੱਤੀਆਂ।

## गुरु नानक कालेज बुढलाडा का नतीजा शानदार

(कलदीप) : पंजाबी युनिवर्सिटी पटियाला द्वारा घोषित बी.सी.ए. 1 के नतीजे में गुरु नानक कालेज बढलाडा का नतीजा रहा शानदार रहा। कुल 57 विद्यार्थियों में से 18 ने 70 प्रतिश्त अंक से ऊपर अंक प्राप्त किए। इन विद्यार्थियों में से राजिदर कीर ने 81.33 प्रतिश्त, मनप्रीत ने 78.16 प्रतिश्त व हरप्रीत कौर ने 77 प्रतिश्त अंक प्राप्त करके कालेज में से क्रमवार पहला, दूसरा व तीसरा स्थान हासिल किया। अपने शानदार नतीजे पर बोलते छात्रा राजिंदर कौर ने अपनी सफलता का सेहरा स्टाफ को दिया। विभाग की मुखी रेखा कालड़ा ने कहा कि बी.सी.ए, के विद्यार्थी अपनी पढ़ाई के साथ साथ यू.जी.सी.



बी.सी.ए. भाग पहला की छात्राओं के साथ प्रिसिपल कुलदीप बल व स्टाफ।

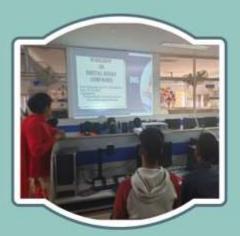
द्वारा स्पांसर एड आन वेब डिजाइन व कंप्यूटर हार्डवेयर व नेटवर्किंग का कोर्स कर रहे है। कालेज प्रिसीपल डा. कुलदीप सिंह बल ने विद्यार्थियों व स्टाफ को बधाई दी। इस मौके विभाग के सहायक प्रो. नरिंदर सिंह,

लाल सिंह, गीतु, संध्या, गगनदीप कौर, गगनदीप कौर बीरोके परमजीत कौर हाजिर थे।

Thu, 26 April 2018 dainiksaveratimes.epapr.in/c/45223747

























## बाबि क्राप्थत बार्सिस

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