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## IT351 Lab Assignment 1

Q1. Browse homepage of nitk.ac.in and analyse on the following lists and notedown number of items listed in each category. If the list is having more than 7 items, mention in what way you can change the design of lists using fonts and colors.

### Current Arrangement of items

1. Home

2. Institute (9)

- Events Calendar
- About Us
- Awards & Recognitions
- History
  - Former Prinicipals
  - Former Directors
  - Milestones
- Campus
  - How to Reach
  - Working Hours
  - Campus Amenities
  - Virtual Campus Tour
- Contact Us
- Institute Brochure
- Institute Newsletter
- Gallery

3. Administration (13)

- Organizational Chart
- Governing Bodies
  - NIT Council
  - Board of Governors
  - Finance Committee
  - Building and Works Committee
- Visitor
- Chairperson
- Director
- Deputy Director
- Registrar
- Deans
- Heads of Departments/Centres
- Professor In-Charge

- Administrative Officers
- Policies and Committees
  - Investment Policy
  - Purchase Policy
- Public Disclosures
  - IPR
  - RTI
  - IT Policy
  - RTI Officials
  - Accessibility
  - CVO

#### 4. Academics (12)

- Academic Office
- Programmes
  - UG Programmes
  - PG Programmes
  - PhD Research Programmes
  - M.Tech. Research Programmes
- Regulations and Curriculum
- Academic Calendar
- Time Table
- Departments
- Admission Procedure
- Fee Strcuture
- Scholarships and Awards
- Convaction
- Notices and Forms
- Certificates & Transcripts

#### 5. Facilities (8)

- Library
- Career Development Centre
- Central Computer Centre
- Health Care Centre
- Guest House
- Campus Anemities
- Grievances
  - PwD
  - SC/ST
  - OBC
  - Internal Complaints
- Resident Engineer Office

#### 6. Research (8)

- Overview
- Research Areas
- Centres
  - Center for Continuing Education
  - Central Research Facility
  - Industry Institute Partnership
  - Centre for Disaster Management
  - STEP

- Center for Sustainable Development
- Centre for System Design
- Centre for Excellence in Smart Grid Technologies

- Sponsored Research
- Publications
- Research Facility
- Institutional Relations
- Technologies for Transfer

## 7. Student Life (10)

- Overview
- Hostels
- Students' Council
- Activities
- NSS
- NCC
- Sports and Games
- Anti Ragging
- Alumni
- Achievements

## 8. Ranking (2)

- ARIIA
- NIRF

## 9. Careers (2)

- Teaching Positions
- Non-Teaching Positions

## 10. Tenders

# Proposed New Categories and Rearrangement

## 1. About the Institute

- **Key Information (Focus on Middle Items with Visual Enhancements):**
    - Events Calendar
    - About Us
    - History
    - Awards & Recognitions
  - **Organizational Details:**
    - Former Principals
    - Former Directors
    - Milestones
  - **Contact and Access:**
    - How to Reach
    - Working Hours
    - Virtual Campus Tour
    - Contact Us
-

## **2. Governance and Administration**

- **Leadership and Committees:**

- Governing Bodies
- Board of Governors
- Chairperson
- Director
- Deputy Director

- **Policies:**

- Investment Policy
- IT Policy
- Accessibility

- **Public Disclosures:**

- RTI
  - IPR
  - Purchase Policy
- 

## **3. Academics and Admissions**

- **Academic Structure:**

- UG Programmes
- PG Programmes
- PhD Research Programmes
- Academic Calendar
- Time Table

- **Admissions:**

- Admission Procedure
- Fee Structure
- Scholarships and Awards

- **Additional Resources:**

- Regulations and Curriculum
  - Certificates & Transcripts
- 

## **4. Research and Development**

- **Research Areas:**

- Central Research Facility
- Centres (e.g., Sustainable Development, Disaster Management, Smart Grid Technologies)

- **Collaboration:**

- Industry Institute Partnership
- Sponsored Research

- **Outcomes and Publications:**
    - Technologies for Transfer
    - Research Facility
    - Publications
- 

## 5. Student Life and Support

- **Student Activities:**
    - Hostels
    - Students' Council
    - NSS, NCC, Sports & Games
  - **Support Systems:**
    - Anti-Ragging
    - Alumni
    - Achievements
- 

## 6. Careers and Rankings

- **Career Opportunities:**
    - Teaching Positions
    - Non-Teaching Positions
  - **Institutional Rankings:**
    - ARIIA
    - NIRF
- 

## 7. Facilities and Services

- **Essential Services:**
    - Library
    - Central Computer Centre
    - Health Care Centre
  - **Infrastructure:**
    - Guest House
    - Resident Engineer Office
    - Campus Amenities
  - **Grievances and Support:**
    - Grievances (e.g., PwD, SC/ST, OBC)
    - Internal Complaints
-

## 8. Tenders

- Dedicated as a separate category for specific institutional needs.

## Overview

### Current Arrangement of Items:

1. **Home**
2. **Institute (9 items):** Includes sections like Events Calendar, About Us, Awards & Recognitions, History, and various links for campus info and contact details.
3. **Administration (13 items):** Covers organizational charts, governing bodies, leadership, policies, public disclosures, and administrative officers.
4. **Academics (12 items):** Contains details about academic programs, curriculum, departments, admission procedures, and other academic resources.
5. **Facilities (8 items):** Lists services like the library, health center, campus amenities, grievances, and the resident engineer office.
6. **Research (8 items):** Information about research areas, facilities, collaborations, and publications.
7. **Student Life (10 items):** Includes sections on hostels, student councils, activities, anti-ragging, alumni, and achievements.
8. **Ranking (2 items):** Covers ARIIA and NIRF rankings.
9. **Careers (2 items):** Lists teaching and non-teaching positions.
10. **Tenders:** A separate category for institutional tenders.

### Proposed New Categories and Rearrangement:

1. **About the Institute** (Focused on key institute info, history, and access):
  - Includes sections like the Events Calendar, About Us, Awards, and how to reach the campus, along with contact details.
2. **Governance and Administration:**
  - Divides leadership, committees, and policies into categories such as Governing Bodies, Board of Governors, and Public Disclosures (RTI, IPR).
3. **Academics and Admissions:**
  - Organizes academic programs, admissions, and additional resources under three subcategories: Academic Structure, Admissions, and Additional Resources.
4. **Research and Development:**
  - Focuses on research areas, collaborations, and outcomes/publications, including Centers, Industry Partnerships, and Technologies for Transfer.
5. **Student Life and Support:**
  - Combines student activities with support systems (e.g., NSS, NCC, Alumni, Anti-Ragging, Achievements).
6. **Careers and Rankings:**
  - Combines career opportunities and institutional rankings (ARIIA, NIRF).

## **7. Facilities and Services:**

- Categorizes services like the Library, Central Computer Centre, Health Care Centre, and grievances support into clear segments.

## **8. Tenders:**

- Retains a dedicated category for specific institutional tender information.
- Created Sub Categories such that none have more than 7 items
- Use larger or bold font for mid-positioned items in long lists
- Use contrasting fonts and colors to visually highlight key categories, making each item stand out.
- Split larger lists into smaller subcategories or sections, which can be visually supported with distinct colors or background shades.
- Adding collapsible sections or dropdown menus would allow users to view additional items only when necessary, keeping the layout clean and organized.
- Add visual aids (icons or colors) for easy navigation and recall
- Use headers and subheaders strategically to guide attention.
- Restrict each category to no more than 7 items

Q2. Design and create a google form collecting following information. While designing consider the Serial Position Effect, Font Size and color for effective recall. Assume that you are developing a survey form to get the opinion from each student to obtain their preferences for Hostel mess [morning breakfast, Afternoon Lunch, Evening Snacks and Night Dinner].

Consider atleast 30 items to be listed for breakfast, lunch, snacks and dinner.

Design a google form to collect the information. After completing your design, write details about your design along with screen shots of the design. Provide the link of the form in the document. Upload the document in Moodle.

How you apply various strategy / queries to apply the concept of serial position effect will be considered while evaluating the assignment.

Consider atleast minimum following things in the list. You can add extra items in the list too.

Breakfast : Idli, Vada, Dosa, Neer Dosa, Uttappam, Set Dosa, Masala Dosa, Mysore Masala dosa, Ghee Dosa, Raagi Dosa, Millet Dosa, Rawa Dosa, Pesarattu, Rawa Upma, Semiya Upma, Aloo Paratha, Gobhi Paratha, Paneer Paratha, Poori, Bhatura, Pulav, vegetable Upma, Vangi bath, etc  
Side dish for Breakfast: Chutney, sambar, raitha, sause, gassi, pickle, curds, cut fruits, etc Fruits like banana, orange, watermelon, chikku, musk melon, grapes, etc Tea, coffee, milk, buttermilk, millet porridge, horlicks, etc  
Lunch : Chapathi, Poori, Rice, Roti, Curry, Vegetables, salad, buttermilk, curds, pickle, payasam, sweet, icecream etc [you can also collect information regarding different curry]  
Snacks: Onion Pakoda, Biscuit Roti, Sanjeera, goli baje, Sweetpotato Podi, Samosa, Alu Podi, cake, sandwich, burger, pizza, kachori, chips, mixture, spring roll, paneer tikka etc  
Dinner: Chapathi, different types of roti, poori, rice item, sambar, vegetables, salad, curds, buttermilk, pickle, etc



# Hostel Food Preference Form

Form to get the opinion from each student to obtain their preferences for Hostel mess

sureshnithin1729@gmail.com [Switch account](#)



Not shared



Name

Your answer

Roll no

Your answer

[Next](#)

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# Hostel Food Preference Form

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## Breakfast

### Indian Breads & Pancakes



☐ Idli



☒ Vada



☐ Uttapam



☐ Pesarattu



☐ Uttapam

☐ Pesarattu



☐ Poori

☐ Vangi Bath

Clear selection

### Dosa Variations



☐ Mysore Masala Dosa



☐ Ghee Dosa







☐ Rawa Dosa



☐ Neer Dosa



☐ Set Dosa

Clear selection

### Upma Variations



☐ Rava Upma



☐ Semiya Upma

☐ Vegetable Upma

## Sides



☐ Chutneys



☐ Sambar



☐ Raitha



☐ Sauce



## Fruits



☐ Banana



☐ Orange



☒ Watermelon



☐ Chikoo



☐ Musk Melon



☐ Grapes



## Beverages



☐ Tea



☐ Coffee



☐ Milk



☐ Buttermilk



☐ Milletter Porridge



☐ Horlicks

# Hostel Food Preference Form

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## Lunch

### Main Dishes



☐ Chapathi



☐ Poori



☐ Roti

### Curries & Sides





### Curries & Sides



☐ Curry



☐ Vegetables



☒ Salad



☐ Buttermilk

Clear selection

### Accompaniments & Desserts



## Accompaniments & Desserts



☐ Curds



☐ Pickle



☐ Payasam



☐ Sweet



☐ Ice Cream

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## Snacks

### Savory



☐ Onion Pakoda



☐ Biscuit Roti



☐ Sanjeera



☐ Goli Baje





☐ Samosa



☐ Alu Podi

#### Baked & Fried



☐ Cake



☐ Sandwich



☐ Burger



☐ Pizza



☐ Kachori

☐ Chips



☐ Mixture

Special



☐ Spring Roll



☐ Paneer Tikka

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Google Forms



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## Dinner

### Main Dishes



☐ Chapathi



☐ Roti



☐ Poori









☐ Rice

### Accompaniments





Accompaniments

 <p><input type="radio"/> Sambar</p>	 <p><input type="radio"/> Vegetables</p>
 <p><input type="radio"/> Salad</p>	 <p><input type="radio"/> Curds</p>
 <p><input type="radio"/> Buttermilk</p>	 <p><input type="radio"/> Pickle</p>

Link : [https://docs.google.com/forms/d/e/1FAIpQLSesRof4Mi6B742\\_TZ5o5CAITDhZHI-W0OXWvad2oZ1NfGP5g/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLSesRof4Mi6B742_TZ5o5CAITDhZHI-W0OXWvad2oZ1NfGP5g/viewform?usp=header)

### Overview

1. Categorized **Breakfast, Lunch, Snacks, and Dinner** into distinct sections, each with no more than 7 items. This ensures clarity and structure while making it easier for users to recall items from the list based on the serial position effect.
2. Included **attractive images** for each dish to draw attention, especially to the items listed at the beginning (primacy effect) and at the end (recency effect) of each category, aiding in better recall and engagement.

The placement of popular or commonly remembered food items at the **beginning** and **end** of each category, utilizing the **serial position effect** to enhance the chances of recall.

Ensured that the **food items are clearly described** and visually distinct to aid recognition and memory encoding, particularly for items listed in the first and last positions.