

STUDENT INDUCTION PROGRAM

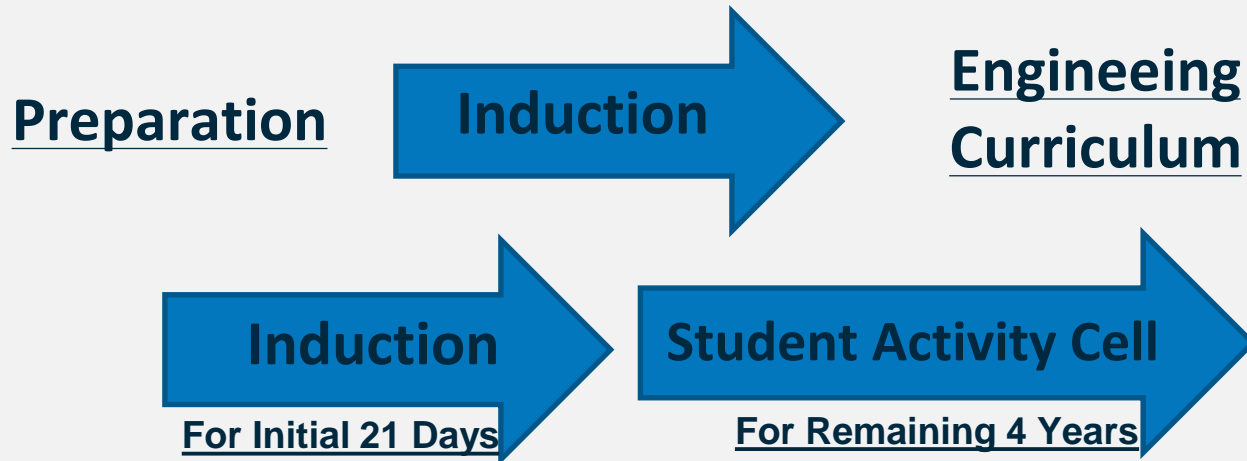


NCC-IP
AICTE

Objectives of Induction Program

- New entrants go through years of strenuous preparation and get accustomed to it.
- Often they loose the connectio from social life and recreational activities
- On the other hand, engineering demands a personality in all dimensions

Induction Program is designed for smooth transition from preparation environemnt to Engineering Curriculum



Objectives/Purpose of Induction Program

In its 49th meeting of the Council held on 14th March 2017, it approved a package of measures for further improving the quality of technical education in the country.

This is articulated in the AICTE Model Curriculum 2018.

- Becoming familiar with the ethos and culture of the institution (based on institutional culture and practices)
- Set a healthy daily routine, create bonding in batch as well as between faculty members and students
- Exposure to a holistic vision of life, develop awareness, sensitivity and understanding of the

Self-----Society-----Nation & Nature

- To facilitate them in creating new bonds with peers and seniors who accompany them through their college life and beyond.
- Overcoming weaknesses in some essential professional skills – only for those who need it (e.g. Mathematics, Language proficiency modules)

Universal Approach

All the SIP activities (modules) are based on generic and universal principles

Local, regional, national and international examples are taken so that students can relate them to their day to day life

For example, module 2 is about “physical health and related activities”. In this, we will be talking about “holistic human health” which is generic and universal. To exemplify this, we may take the example of Ayurved.

For example: We want to live with fulfilment as a society. This part is common, universal. To exemplify this, we may expose students to traditional Indian culture and philosophy as well as contemporary western culture and thought

Universal Approach

In this way:

- It will help in connecting the basic principles through specific examples
- It will help the student to see and appreciate various cultures, to see the commonality amongst them
- It will help to evaluate any specific example, system or culture, with a view to fill the gaps, rather than to criticise or reject it. Further, we can also be mutually enriching for other cultures.

Broad Overview of Activities

The Induction Program broadly consists of 9 categories of activities -

- 1) Universal Human Values
- 2) Physical Health & Related Activities
- 3) Familiarization of Department/ Branch & Innovation
- 4) Visit to a Local Area
- 5) Lecture by Eminent People
- 6) Language Proficiency Modules
- 7) Literature
- 8) Creative Practices
- 9) Extra Curricular Activities, UBA, EBSB

1. Universal Human Values (UHV-I)

- The goal is to help the student to see the need for developing a holistic perspective of life (individual, family (inter-personal relationship), society and nature/existence)
- It is expected to help in strengthening self-reflection, develop more confidence and commitment to understand, learn and act accordingly
- It is conducted through discussion between the prepared UHV Faculty and student

2. Physical Health

Objectives:

- To remain healthy and fit
- To have bonding and develop relationship with the students
- To get chance to come closer to them as a friend first and as a mentor later.
- Involving health centre staff, sports coaches, faculty, staff, student sports teams etc.

Methodology:

- Health counselling
- Khel
- Sports
- Yoga



3. Familiarization to Dept./Branch & Innovations

- Defining Larger goal of institutions- must be defined in following sequence- First, overall aim of the society and nation, then aim of education, aim of this category of institution (say-technical) and finally this particular institution
- Details of how it is planned to achieve the above goal through different disciplines of education, research, development and practice, should be clearly mentioned.
- Students should be properly introduced to these and asked to relate to it and see how they can contribute in this plan- above details, achievement to this date, and contribution to the society.

3. Familiarization to Dept./Branch & Innovations

The Institute visits are aimed at familiarizing the new entrants with their new home for upcoming 4-5 years - the institute and acquainting with the diverse learning facilities various departments and schools provide.

Tackling the hype around Change of Discipline was also one of the motives. As the student can make better decisions regarding Branch Change once they know what kind of work goes on in various branches.

4. Visits to local Areas

To relate to the social environment of the educational institution as well as the area in which it is situated, interaction with the people, place, history, politics...

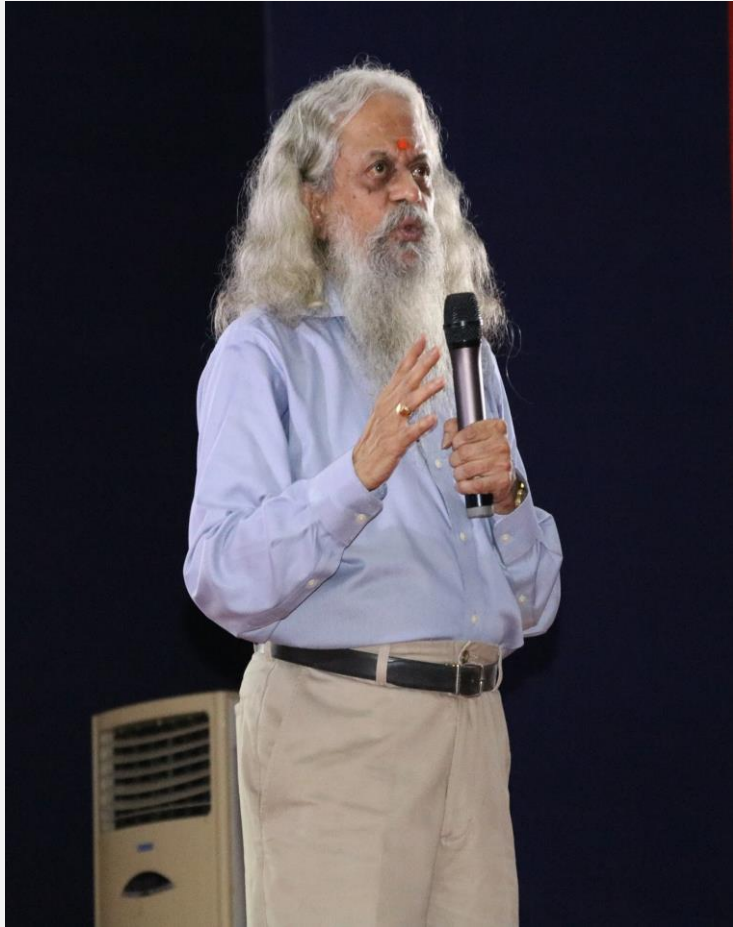
- Understand how they manage their life- production, house, relationship, education-transfer of skills
- Monuments of the city, near-by historic places and people (who have contributed to the society meaningfully) should be visited and these should be properly explained by a guide/mentor.
- They may be asked to reflect and plan about how they can contribute in this process. Organizations serving in the society, doing some charitable work may also be visited.
- Understand the local problems further which will help to increase the innovative thinking for the solution of those problems

5. Lecture by Eminent Persons: Worldview Sessions and Interactive Talks

Objective

The sessions were aimed at making a niche in the young minds in various fields of Academics, Career, Skill Development, Art and self management. Thus inducting a holistic learning experience.

- People who are doing good work for society through science, technology, art, culture-philosophy and its practice, civilisation etc.
- Priority to people who are practitioners of what they are working on.
- Entrepreneurs, self-employed and people serving the society,
Professor H C Verma, list is being prepared
- We will help you in getting these people in your institute



6. Language Proficiency

Objectives

- To make student proficient in interpersonal communication and expression
- To create awareness about linguistic and thereafter NLP

Interpersonal communication and expression

- Proficiency in English
- Regional, Sanskrit language may be developed in the students under this activity.
- Reviving our old texts

Linguistic and NLP

- Paninian Grammar
- Computation Linguistics and NLP

7. Literary Activities

- **Objectives**
 - To develop the clarity of humanistic culture and its expression through literature
 - Read two pieces of local, regional, national or international literature to help them in understanding traditional and contemporary values and thought
- **Classical Literature in**
 - Sanskrit Indian epics
 - English Classics
 - Regional languages Regional Literature

7. Literary Activities

- **Science and technology in Ancient India and Its connection with modern technology.**
 - Work on science-Mathematics, Chemistry, Astronomy
 - Technology- metallurgy
 - Systems of medicine- Ayurveda
 - Architecture,
 - Agriculture, Water conservation
 - Manuscript logy
- **Study Material**
 - 2 page & 10 page : Two and ten page documents will be of introductory nature and will be asked to be read by all students.
 - 100 pages. hundred page document will be in little detailed and provided to interested students in that particular kind of literature.

8. Creative Practices :

Objective:

- To develop the clarity of humanistic culture and its creative expression through art
- To introduce art and philosophy behind it so that they can appreciate and enjoy it.
- To learn one of these activities depending upon their interest.
- To develop design thinking.
- To aware about the technology issues and opportunities in creative practices.

Different Dimensions:

- Sculpture- National, regional, local: different forms of S- clay, stone, metal, Pottery
- Paintings
- Classical music- vocal, instrumental- design of instrument- its science, manufacturing, material used
- Dance- Indian Classical & European Classical
- Drama,-Katha-naatak, nritya- natika, Palaa

Some of the groups already working on such issues may be contacted- e.g. SPIC-MACAY. faculty, staff, former faculty, alumni and senior students having interest in this area as well as artisans in the local area, region, state, nation, internationally



CELEBRATING CENTENARY



IIT (BHU) VARANASI

भारतीय
प्रौद्योगिकी
स्थान

काशी हिन्दू विश्वविद्यालय

IIT

INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY



अनुगम कार्यक्रम 2019

Orientation/Induction Programme 2019

9. Extra-Curricular Activities in College/Informal Interaction with Student

Guides

This is a category under which things that are not placed in any of the above- may be placed.

Some clubs and hobby group may be made for each of the above categories, so that students may pursue it even after the induction (e.g. Shiksha-Sopan, Vivekanand Samiti in IITK, Unnaat Bharat Abhiyan).

These groups must be supported by some interested teachers/mentors.

-celebrating culture functions- Pujas, Holi, Deepawali

This was a crucial element in the Induction Program.

This was the time when students get to clarify all their doubts by interacting with the assigned Student Guides(their seniors) and know about their discipline.

The Interactions were organized in the Hostels of New Entrants.

Valedictory Ceremony

The Induction Program ended with a Valedictory ceremony which included the Introduction of SCS team followed by cultural performances by artists from Faculty of Performing Arts, BHU.



Daily Routine



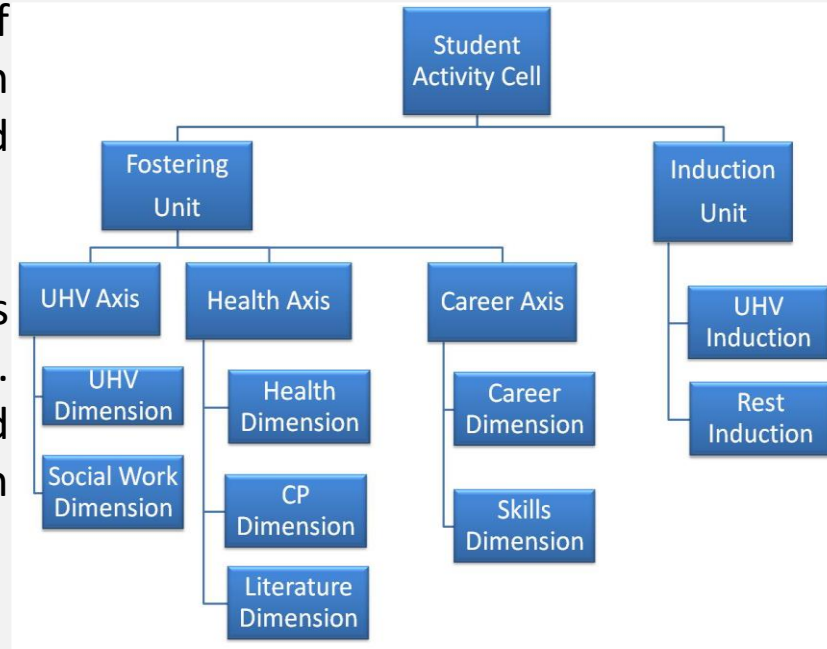
<u>Time Table - Induction Programme</u>	
Time	Events
6:00-7:30	Yoga/khel/sports
07:30 - 09:00	Breakfast
09:00 - 10:00	Session 1 / Talk
10:00 - 11:15	Session 2 / Talk
11:15 - 11:30	Pause
11:30 -12:30	Session 3 / Talk
12:30 - 13:45	Lunch Break
14:00 - 15:15	Interactive Session/ Creative practices
15:15 - 16:20	Interactive Session/ Creative practices
16:20 - 16:30	Pause
16:30 - 17:45	Interactive Session/ Creative practices
17:45 - 17:55	Pause
18:00 - 19:30	Sports & Games
19:30 - 21:00	Dinner Break
21:00 - 22:00	Informal Interaction with Student Guides Entertainment

Hours Plan

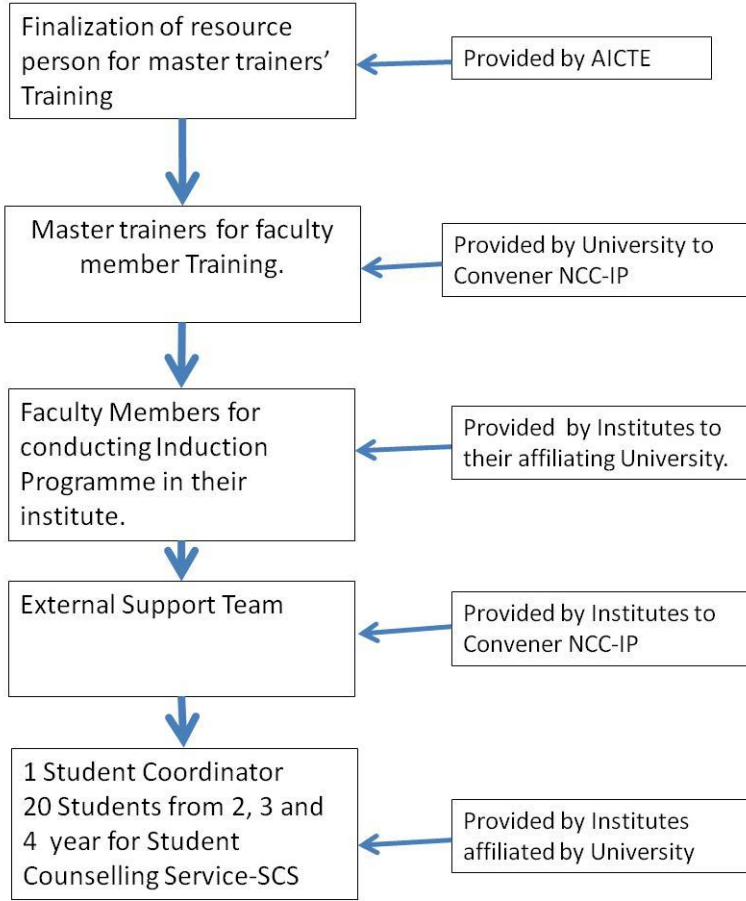
Activity	Total Available Hours	Remark
Health/ Yoga/Khel	51	Morning and evening session. Two evening sessions will be used for Visits
CP	49	Two full second halves will be used for visit 4 lectures of eminent persons of 75 minutes
UHV	22	Session two will be used for this
Lit	30	Session 1 and 3 will be used for this
Language	6	Session 1 and 3 will be used for this
Field visit	5	One full second half
Village visit	5	One full second half
Department/Institute awareness	2	Two hour sessions in second half
Lectures	5.5	4 x 75 min sessions in second half

Student Activity Cell

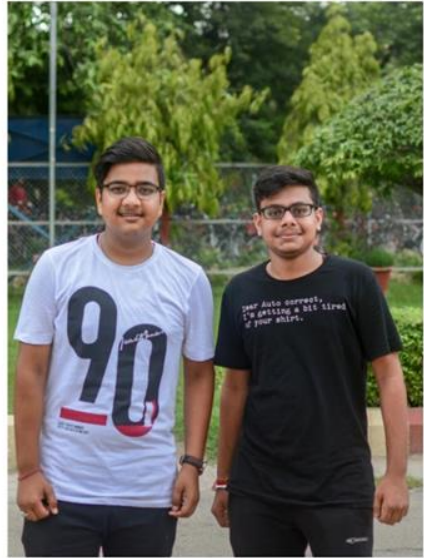
- It will be a five tier structure in terms of cell, units, axis, dimensions & Clubs as shown in the figure till dimensions. Details of the clubs will be based on local conditions.
- Director or Principle or Dean of Student affairs will be the Chairman of Student Activity Cell, Induction unit will be managed by faculty members with the help of student volunteers.
- 5 to 7 faculty members will be the members of Induction unit. they will coordinate the induction activities with the help of other faculty members and student volunteers
- Fostering unit will largely be managed by students with the help of one fostering unit faculty mentor. Student will be coordinators for axis, dimensions and clubs. Fostering unit will take support from induction unit as and when required.



Human Resources Requirement- Chronologically



Reviews



THE INDUCTION PROGRAMME, THE SENIORS AND THE FOOD ARE ALL GREAT.

- Akash Loyal, Electronics
Akarshit Magotra, Civil



THE CAMPUS IS BEAUTIFUL. THE TALKS IN ORIENTATION PROGRAMME ARE NICE

- Aatishya Sood, Metallurgy



THE TALKS UNDER THE INDUCTION PROGRAMME ARE VERY INSPIRING.

- Bhavya, Pharmaceutical



THE INDUCTION PROGRAMME AND FOOD ARE NICE. THE EXPERIENCE HAS BEEN NICE.

- Rishabh Arya, Electronics

INDUCTION PROGRAM

THANKS!