Supporting Documents
Criteria: 6.5.3

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Narula Institute of Technology

Faculty Orientation Programme

2019-20

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 19th to 23rd August, 2019. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. Day 1 started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc. The second day focussed on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering. On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lecture on departmental core teaching strategies. On day four lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc. Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. As mentor objective is to keep the faculty members motivated to evolve their teaching and research. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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- Teaching- learning methodology
- MOOCs on topics relevant to engineering education
- Training on how to generate new learning materials.
- Course on research methodologies
- Course on technical reading and writing

Objectives of the Programme

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
- To enable the faculty to conceptualize the nuances of curriculum design and development in higher education at global standards.
- To train the participants in modern teaching methods and strategies
- To train the faculty on the use of ICT tools and integrating them in teaching and research
- To train the participants in methods of evaluation and assessment of diversified groups of students
- To provide research orientation to young faculty towards integrating research with pedagogy
- To develop practical knowledge in emotional balance of self and in student-counselling and mentoring
- To enable the faculty to generate new learning materials for enrichment of online open access platforms
- To provide knowledge about different models of leadership to the participants in order to enhance their academic leadership skills
- To enable the faculty to learn the principles of strategic planning and management.

Modules/Topics

1. General Principles
   - Welcome Talk – General Feature of Institute
   - Presentation on Academic Structure at NiT
   - Generic curriculum and its Constituents
   - What to test for? Learning evaluation through quizzes, exams, projects.
   - MOOCS, Flipped Classroom paradigms
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   - Core Physics – objectives, content, preparation, delivery, expectation
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   - Introduction to department – objectives, emphasis, course template, break-up of theory and lab. Component
   - Session on department core – major theory courses
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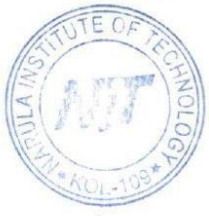

Resource Persons

Sl No.	Name	Designation
1	Prof. P. K. Bannerjee	Professor, Electronics and Communication Engineering, NiT
2	Prof.(Dr.) S.C. Konar	Professor, Electrical Engineering, NiT
3	Prof. S.K. Sanyal	Professor, Electronics and Communication Engineering, NiT
4	Dr. Sumit Nandi	HOD, Basic Science and Humanities, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Souvik Mandal	Assistant Professor	Mechanical Engineering
2	Sayan Kahali	Associate Professor	Computer Science and Engineering
3	Rajesh Bose	Associate Professor	Computer Science and Engineering
4	Mrityunjoy Basak	Assistant Professor	Basic Science and Humanities
5	Tarak Nandy	Associate Professor	Computer Science and Engineering
6	Suvojit Mukhopadhyay	Associate Professor	Computer Science and Engineering
7	Aniruddha Dey	Associate Professor	Computer Science and Engineering

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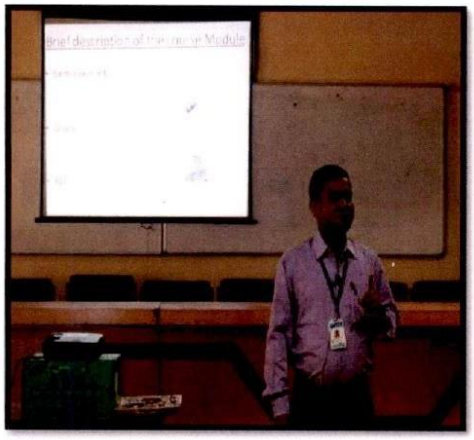
Some Glimpses of the Event

Some Glimpses of the Event



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Faculty Orientation Programme 2019-2020

Organized

By

Narula Institute of Technology

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81, Nilgunj Rd, Agarpara, Kol-109

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 17th to 21st February, 2020. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession.

17-02-2020: Day 1 started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc.

18-02-2020: Day 2 focused on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering.

19-02-2020: On Day 3 the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lecture on departmental core teaching strategies.

20-02-2020: On Day 4 lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc.

21-02-2020: Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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3	Prof. S.K. Sanyal	Professor, Electronics and Communication Engineering, NiT
4	Dr. Sumit Nandi	HOD, Basic Science and Humanities, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
2	Ms. Payel Mondal	Assistant Professor	Basic Science and Humanities
5	Sandip Mandal	Associate Professor	Information Technology
6	Arunava De	Professor	Electronics and Communication Engineering
7	Firozuddin Sk	Assistant Professor	Electronics and Communication Engineering
8	Raju Basak	Professor	Electrical Engineering
9	Tanusree Gupta	Assistant Professor	Computer Science and Engineering
10	Tanusree Bhadra	Assistant Professor	Computer Science and Engineering
11	Sulagna Ghosh	Assistant Professor	Computer Science and Engineering
12	Anusuya Sengupta	Assistant Professor	Computer Application
13	Ananya Banerjee	Assistant Professor	Computer Application
14	Souvik Sharma	Assistant Professor	Civil Engineering

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Narula Institute of Technology

A five days' workshop on "A series on Excel quick start tutorial" held from 22th April, 2020 -26th April, 2020

Workshop on A series on Excel quick start tutorial was conducted for staff and faculty members of Narula Institute of Technology and it was organized by department of CSE. Mr. Jayanta Pal, CSE department conducted the excel session for five days from 22th April, 2020 – 26th April, 2020. The following topics have been covered:

Topics

- Formula Basics
- Formula Examples
- Formula Criteria
- Formula Errors
- Dynamic Arrays
- Formula challenges
- Formula Training
- Function Guide
- 101 Excel Functions You Should Know
- INDEX and MATCH
- Nested IF examples
- Function Training
- Dynamic Array Formulas in Excel
- Alternatives to Dynamic Array Functions
- Dynamic Array Formula Training
- Pivot Table Introduction
- Pivot Table Tips
- Pivot Table Examples
- Pivot Table Problems
- Pivot Table Training
- 200+ Excel Shortcuts
- 50 Excel shortcuts you should know
- 30 Excel Shortcuts in 12 minutes
- Shortcut Training
- Excel Table Overview
- Anatomy of an Excel Table
- Introduction to Structured References
- Table Training
- Chart Types
- Chart Examples
- Chart Training
- Quick Start
- Formula Examples
- Troubleshooting
- Conditional Formatting Training
- Data Validation Guide
- Data Validation Examples
- Dependent Dropdown Lists
- IF function

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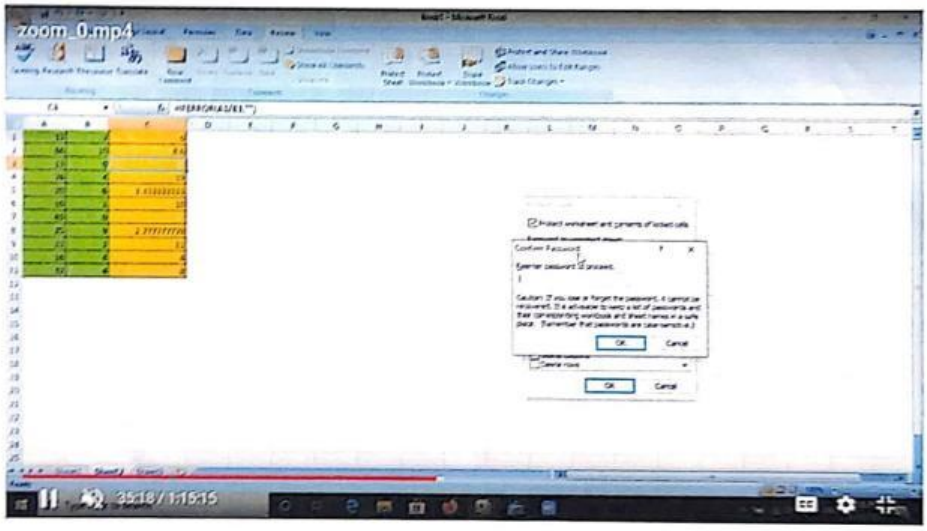
- VLOOKUP function
- SUMIFS function
- COUNTIFS function
- INDEX function
- MATCH function
- SUMPRODUCT function
- Custom Number Formatting
- Named ranges in Excel
- Excel Glossary
- Excel People
- Excel Books

A question answer round followed where faculty and staff members cleared their doubts and homework were allotted related to excel. The participants were assured of complete guidance regarding the tasks allotted. The participants were very responsive and it was an engrossing session. The program provided a platform from where one could learn more about excel sitting back at home during this pandemic situation.

Glimpses of workshop on "A series on Excel quick starttutorial"



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Narula Institute of Technology

Student Induction/Orientation Programme

2019-2020

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Student Induction/Orientation Program

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Student Induction/Orientation Program

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Narula Institute of Technology

Faculty Orientation Programme
2018-19

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 20th to 24th August, 2018. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. Day 1 started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc. The second day focussed on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering. On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. On day four lab visits were organized to show them different laboratories at NiT. Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. As mentor objective is to keep the faculty members motivated to evolve their teaching and research. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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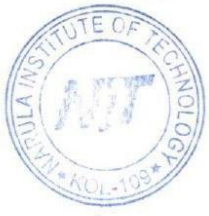

Resource Persons

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1	Prof. S. K. Sanyal	Professor, Electronics and Communication Engineering, NiT
2	Prof. J. K. Roy	Professor, Electronics and Communication Engineering, NiT
3	Prof. Amlan Chakraborty	COE, NiT
4	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Anilesh Dey	Associate Professor	Electronics and Communication Engineering
2	Moloy Laha	Assistant Professor	Electrical Engineering
3	Rakesh Kanji	Assistant Professor	Computer Science and Engineering
4	Sayantan Bakshi	Sayantan Bakshi	Basic Science and Humanities

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Some Glimpses of the Event

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Faculty Orientation Programme 2018-2019

Organized

By

Narula Institute of Technology

Principal
NARULA INSTITUTE OF TECHNOLOGY
81, Nilgunj Road, Agarpara, Kol-109

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Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 18th to 22nd February, 2019. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. Day 1 started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc. The second day focussed on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering. On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. On day four lab visits were organized to show them different laboratories at NiT. Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. As mentor objective is to keep the faculty members motivated to evolve their teaching and research. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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List of Registered Participants

Sl No.	Faculty Name	Designation	Department
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2	Nabamita Banerjee Roy	Associate Professor	Electrical Engineering
3	Biswajit Halder	Associate Professor	Electrical Engineering
4	Bishaljit Paul	Associate Professor	Electrical Engineering
5	Chandrachudha Bhattacharyya	Assistant Professor	Civil Engineering
6	Kathakali Mandal	Assistant Professor	Basic Science and Humanities
7	Avery Banerjee	Assistant Professor	Basic Science and Humanities
8	Debasmita Sen	Assistant Professor	Basic Science and Humanities
9	Joyeeta Basu (Pal)	Assistant Professor	Electronics and Instrumentation Engineering
10	Subhojit Chattoraj	Assistant Professor	Civil Engineering
11	Baibaswata Das	Assistant Professor	Civil Engineering
12	Amitava Bose	Assistant Professor	Civil Engineering
13	Arpan Das	Assistant Professor	Basic Science and Humanities
14	Biswajit Singh	Assistant Professor	Basic Science and Humanities
15	Debarati Das	Assistant Professor	Basic Science and Humanities

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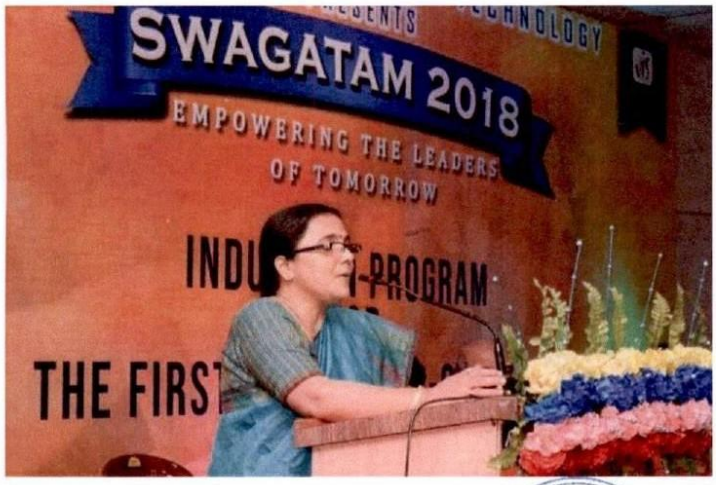
Narula Institute of Technology

Student Induction/Orientation Program

2018-2019



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Student Induction/Orientation Program

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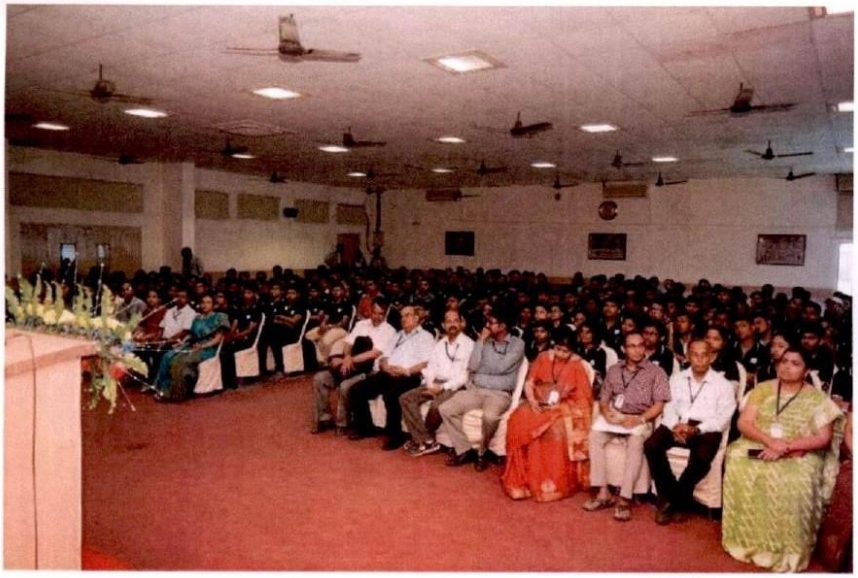

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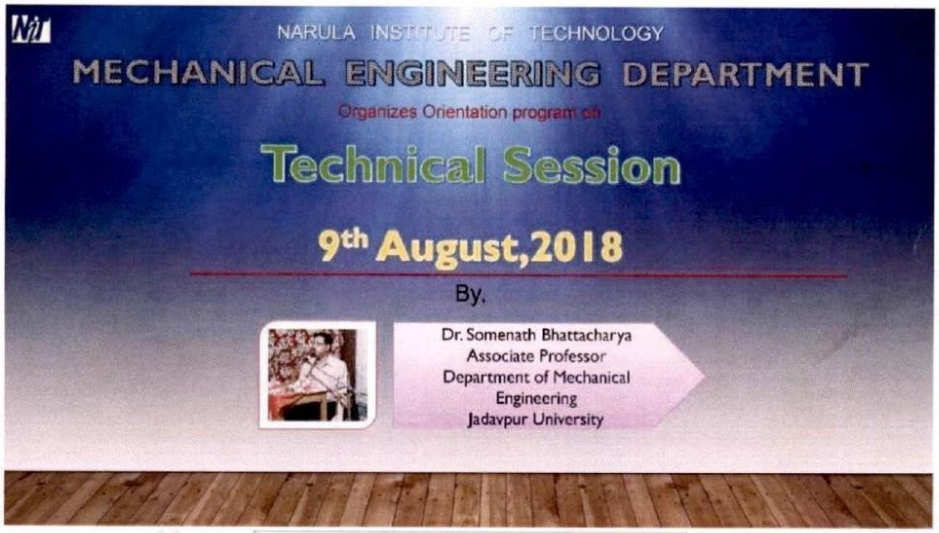
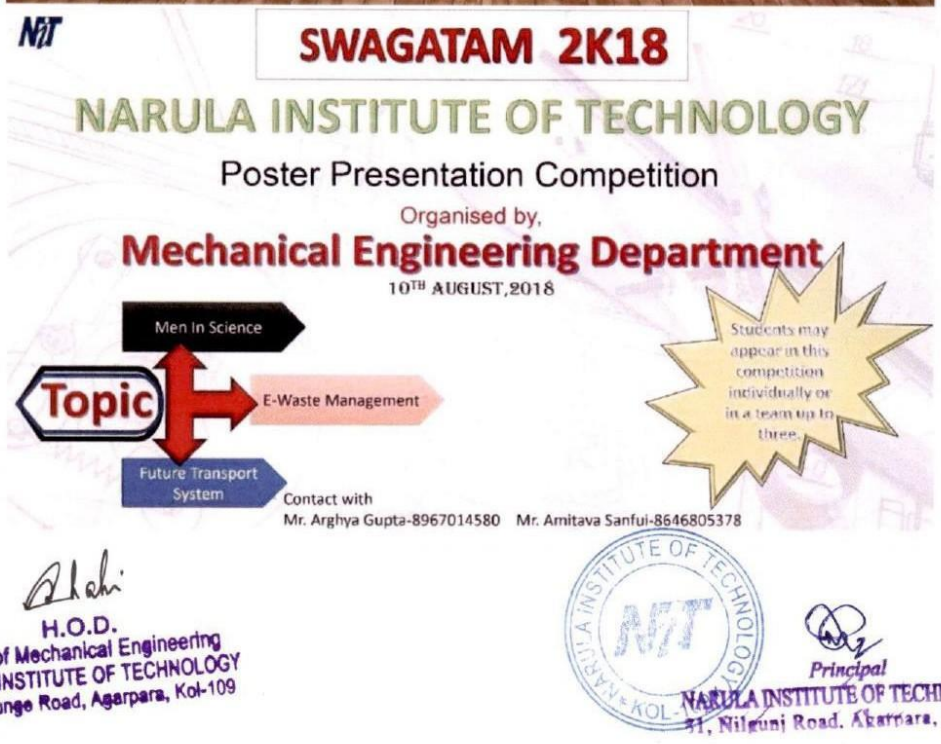
Student Induction/Orientation Program

Technical Session





H.O.D.
Dept. of Mechanical Engineering
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Narula Institute of Technology

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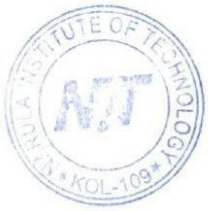
- To train the participants in methods of evaluation and assessment of diversified groups of students
- To provide research orientation to young faculty towards integrating research with pedagogy
- To develop practical knowledge in emotional balance of self and in student-counselling and mentoring
- To enable the faculty to generate new learning materials for enrichment of online open access platforms
- To provide knowledge about different models of leadership to the participants in order to enhance their academic leadership skills
- To enable the faculty to learn the principles of strategic planning and management.

Modules/Topics

1. General Principles
    - Welcome Talk – General Feature of Institute
    - Presentation on Academic Structure at NiT
    - Generic curriculum and its Constituents
    - What to test for? Learning evaluation through quizzes, exams, projects.
    - MOOCS, Flipped Classroom paradigms
    - Course monitoring mechanism at NiT
    - Teaching management system (LMS)
    - Mentoring System
2. Basic Fundamental Subjects
    - Core Physics – objectives, content, preparation, delivery, expectation
    - Core mathematics – objectives, content, preparation, delivery, expectation
    - Need for simple experimentation in classroom teaching
    - Overcoming functional English deficiency
    - Introduction to Electronics Engineering
    - Introduction of Electrical Engineering
3. Departmental core
    - Introduction to department – objectives, emphasis, course template, break-up of theory and lab. Component
    - Session on department core – major theory courses
    - Session on department core – major lab. courses, including concept of lab lecture visit to labs.
4. Autonomy Examination Process
    - Discussion on format of question paper.
    - Discussion on copy checking process.
    - Discussion on marks entry process.
5. R&D and Consultancy
    - Discussion on Faculty improvement - continued research
    - Statistical Methods and errors
    - Scope of Consultancy

Resource Persons:

Sl No.	Name
1	Prof. P K Banerjee, Electronics and Communication Engineering, NiT
2	Prof. Amlan Chakrabarti, COE, NiT
3	Prof. Biman Mukherjee, Civil Engineering, NiT



List of Registered Participants:

Sl No.	Faculty Name	Designation	Department
1	Pallav Dutta	Assistant Professor	Electrical Engineering
2	Puja Haldar	Assistant Professor	Civil Engineering
3	Bikiran Dhar	Assistant Professor	Basic Science and Humanities
4	Dipankar Adak	Assistant Professor	Basic Science and Humanities
5	Avishek Chakraborty	Assistant Professor	Basic Science and Humanities
6	Shibani Paul	Assistant Professor	Basic Science and Humanities
7	Avishake Kar	Assistant Professor	Basic Science and Humanities
8	Rakhijul Faruque	Assistant Professor	Basic Science and Humanities
9	Dipti Bala	Assistant Professor	Basic Science and Humanities
10	Pampi Majumder	Assistant Professor	Basic Science and Humanities
11	Soumojit Dasgupta	Assistant Professor	Mechanical Engineering
12	Kabita Pandit	Assistant Professor	Electronics and Instrumentation Engineering
13	Anirban Ghatak	Associate Professor	Electronics and Communication Engineering

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Some Glimpses of the Event:

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Faculty Orientation Programme 2017-2018

Organized

By

Narula Institute of Technology

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NARULA INSTITUTE OF TECHNOLOGY
81, Nilgunj Road, Agarpara, Kol-109

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 19th to 23rd February, 2018. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession.

Day 1: It started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc.

Day 2: It focused on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering.

Day 3: On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lecture on departmental core teaching strategies.

Day 4: On day four lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc.

Day 5: It included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. A To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

- Teaching- learning methodology
- MOOCs on topics relevant to engineering education
- Training on how to generate new learning materials.
- Course on research methodologies
- Course on technical reading and writing

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Objectives of the Programme

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
- To enable the faculty to conceptualise the nuances of curriculum design and development in higher education at global standards.
- To train the participants in modern teaching methods and strategies
- To train the faculty on the use of ICT tools and integrating them in teaching and research
- To train the participants in methods of evaluation and assessment of diversified groups of students
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Modules/Topics

1. General Principles
    - Welcome Talk – General Feature of Institute
    - Presentation on Academic Structure at NiT
    - Generic curriculum and its Constituents
    - MOOCS, Flipped Classroom paradigms
    - Course monitoring mechanism at NiT
    - Teaching management system (LMS)
    - Mentoring System
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    - Core Physics – objectives, content, preparation, delivery, expectation
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    - Critical Thinking + Ethics
    - Statistical Methods and errors
    - Scope of Consultancy

Resource Persons:

Sl No.	Name	Designation
1	Prof. P K Banerjee	Professor, Electronics and Communication Engineering, NiT
2	Prof. Amlan Chakrabarti	Controller of Examination, NIT
3	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT
4	Mr. Jayanta Pal	HOD, Computer Science and Engineering, NiT

List of Registered Participants:

Sl No.	Faculty Name	Designation	Department
1	Kingsuk Halder	Assistant Professor	Electrical Engineering
2	Surajit Banerjee	Assistant Professor	Basic Science and Humanities
3	Debopriya Dey	Assistant Professor	Basic Science and Humanities
4	Prantik Chatterjee	Assistant Professor	Information Technology
5	Anita Biswas	Assistant Professor	Electronics and Instrumentation Engineering
6	Partha Sarkar	Assistant Professor	Electronics and Communication Engineering
7	Athena Chakraborty	Assistant Professor	Electronics and Communication Engineering
8	Priyanka Barat	Assistant Professor	Electronics and Communication Engineering
9	Sanjana Ghosh	Assistant Professor	Electronics and Communication Engineering
10	Aritram Chatterjee	Assistant Professor	Electronics and Communication Engineering
11	Sourav Dutta	Assistant Professor	Electronics and Communication Engineering
12	Saikat Patra	Assistant Professor	Electronics and Communication Engineering
13	Arpan Mukherjee	Assistant Professor	Electrical Engineering
13	Soumya Das	Assistant Professor	Electrical Engineering
14	Nirjhar Saha	Assistant Professor	Electrical Engineering
15	Sayantan Adhikary	Assistant Professor	Electrical Engineering
16	Debanjan Mitra	Assistant Professor	Computer Science and Engineering

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17	Barnali Goswami	Assistant Professor	Computer Application
18	Tanmay Laha	Associate Professor	Civil Engineering
19	Susovan Sarkar	Associate Professor	Civil Engineering
20	Abhishek Sasmal	Associate Professor	Civil Engineering
21	Shiladitya Mandal	Associate Professor	Civil Engineering
22	Sayan Amin	Associate Professor	Civil Engineering
23	Sanku Mandal	Associate Professor	Civil Engineering
24	Priyajeet Mondal	Associate Professor	Civil Engineering
25	Sandeepan Saha	Associate Professor	Civil Engineering
26	Anusree Baidya	Assistant Professor	Basic Science and Humanities
27	Rahul Mandal	Assistant Professor	Basic Science and Humanities
28	Umesh Chandra Sarkar	Assistant Professor	Basic Science and Humanities
29	Krisnendu Sarkar	Assistant Professor	Basic Science and Humanities
30	Priya Ranjan Das	Assistant Professor	Basic Science and Humanities
31	Surajit Banerjee	Assistant Professor	Basic Science and Humanities
32	Sukanta Adhikary	Assistant Professor	Basic Science and Humanities
33	Aparajita Paul	Assistant Professor	Basic Science and Humanities

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Student Induction/Orientation Programme

2017-2018

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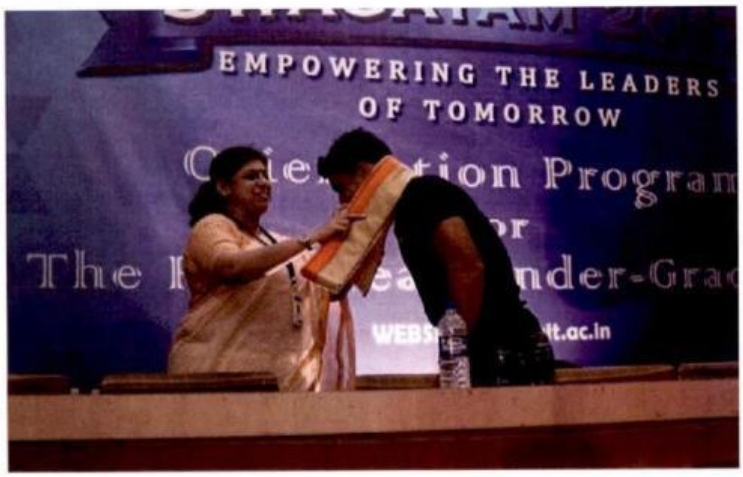
Student Induction/Orientation Programme



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Student Induction/Orientation Programme

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Narula Institute of Technology

Faculty Orientation Programme

2016-17

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 22nd to 26th August, 2016. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. First day started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc. The second day focussed on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering. On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lecture on departmental core teaching strategies. On fourth day lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc. Fifth day included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. As mentor objective is to keep the faculty members motivated to evolve their teaching and research. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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- Teaching- learning methodology
- Training on how to generate new learning materials.
- Course on research methodologies
- Course on technical reading and writing

Objectives of the Programme:

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
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- To provide knowledge about different models of leadership to the participants in order to enhance their academic leadership skills
- To enable the faculty to learn the principles of strategic planning and management.

Modules/Topics:

1. General Principles

   - Welcome Talk – General Feature of Institute
   - Presentation on Academic Structure at NiT
   - Generic curriculum and its Constituents
   - What to test for? Learning evaluation through quizzes, exams, projects.
   - Course monitoring mechanism at NiT
   - Mentoring System

6. Basic Fundamental Subjects
   - Core Physics – objectives, content, preparation, delivery, expectation
   - Core mathematics – objectives, content, preparation, delivery, expectation
   - Need for simple experimentation in classroom teaching
   - Overcoming functional English deficiency
   - Introduction to Electronics Engineering
   - Introduction of Electrical Engineering

7. Departmental core
   - Introduction to department – objectives, emphasis, course template, break-up of theory and lab. Component
   - Session on department core – major theory courses
   - Session on department core – major lab. courses, including concept of lab lecture

   visit to labs.

8. Autonomy Examination Process
   - Discussion on format of question paper.
   - Discussion on copy checking process.
   - Discussion on marks entry process.

9. R&D and Consultancy
   - Discussion on Faculty improvement - continued research
   - Critical Thinking + Ethics
   - Statistical Methods and errors
   - Scope of Consultancy

Resource Persons

Sl No.	Name	Designation
1	Prof. J. K. Das	Professor, Electronics and Communication Engineering, NiT
2	Prof. S. C. Bera	Professor, Mechanical Engineering, NiT
3	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT
4	Dr. S. Panda	HOD, Electronics and Communication Engineering, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Anasuya Mandal	Assistant Professor	Civil Engineering
2	Arghya Gupta	Assistant Professor	Mechanical Engineering
3	Subhraujjal Dutta	Assistant Professor	Electrical Engineering
4	Samin Mustafa	Associate Professor	Civil Engineering

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Faculty Orientation Programme 2016-2017

Organized

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81, Nilgunj Road, Agarpara, Kol-109

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 20th to 24th February, 2017. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. First day started with lectures on curriculum constituents, academic structure of NiT, course monitoring, MOOCs, flipped classroom paradigms, etc. The second day focussed on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for various courses where topics ranged from Physics, Mathematics, Electrical and Electronics Engineering. On the third day the group was divided according to their departments and visits were arranged to respective departments for closer interactions with faculty members. These also included lecture on departmental core teaching strategies. On fourth day lab visits were organized to show them different laboratories at NiT. These tours included Physics, Chemistry, central workshops, etc. Fifth day included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. As mentor objective is to keep the faculty members motivated to evolve their teaching and research. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

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Objectives of the Programme

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
- To enable the faculty to conceptualise the nuances of curriculum design and development in higher education at global standards.
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Modules/Topics

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Resource Persons

Sl No.	Name	Designation
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2	Prof. S. C. Bera	Professor, Mechanical Engineering, NiT
3	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT
4	Dr. S. Panda	HOD, Electronics and Communication Engineering, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Sumanta Kundu	Assistant Professor	Electrical Engineering
2	Goutam Roy	Assistant Professor	Mechanical Engineering
3	Kunal Das	Associate Professor	Computer Science and Engineering
4	Sangita Bhattacharya	Associate Professor	Computer Science and Engineering
5	Arijit Taraphdar	Assistant Professor	Computer Science and Engineering
6	Sayantan Nath	Assistant Professor	Computer Science and Engineering
7	Arup Sarkar	Assistant Professor	Computer Science and Engineering
8	Biswajit Halder	Associate Professor	Computer Science and Engineering
9	Subhankar Dey	Associate Professor	Civil Engineering

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Narula Institute of Technology

Student Induction/Orientation Programme

2016-2017

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Student Induction/Orientation Programme

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Narula Institute of Technology

Faculty Orientation Programme
2015-16

About The Programme

Narula Institute of Technology organized Faculty Orientation Program for all the new recruits from 24th to 28th August, 2015. All the Faculty members spanning all the departments attended the programme to learn from experts about various aspects of teaching and learning. The Orientation Programme's primary goal was to familiarize the participants with their roles and responsibilities. It was designed to orient them on various generic aspects of teaching learning, instructional methodologies, and assessment and evaluation techniques. The curriculum consisted of three modules - Pedagogy, Research, and Ethics in Profession. Day 1 included lectures on curriculum constituents, academic structure of NiT, MOOCs, etc. Day 2 focused on Science and Engineering core where NiT expert faculties showed the participants how to prepare lectures for Physics, Mathematics, Electrical and Electronics Engineering. Day 3 started with interaction with existing faculty members. On day 4 departmental lab visits were organized to have exposure on laboratories facilities of NiT. Day 5 included discussions on UG program, B. Tech. Project, faculty improvement, how to engage the UG and PG students in academic and extracurricular activities. The importance of mentor-mentee scheme was also discussed. To have a better understanding the role as an educator, faculty members were motivated to involve themselves in several activities. Some of the following activities that can be beneficial for them:

- Teaching- learning methodology
- MOOCs on topics relevant to engineering education
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Objectives of the Programme

- To make the participants know the structure, functioning, governance, rules and regulations in Institutions of Higher Education and to orient them to become potential partners in institute building
- To enable the faculty to understand their roles and responsibilities in Higher Education and to impart essential professional skills, competencies and attitudes
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    - Welcome Talk – General Feature of Institute
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    - Core Physics – objectives, content, preparation, delivery, expectation
    - Core Mathematics – objectives, content, preparation, delivery, expectation
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    - Overcoming functional English deficiency
    - Need for simple experimentation in classroom teaching
3. Departmental core
    - Introduction to department – objectives, emphasis, course template, break-up of theory and laboratory component
    - Session on department core – major theory courses
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Sl No.	Name	Designation
1	Prof. J. K. Das	Professor, Electronics and Communication Engineering, NiT
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3	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT
4	Dr. S. Panda	HOD, Electronics and Communication Engineering, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Susmita Das	Assistant Professor	Electronics and Instrumentation Engineering
2	Dibyendu Sur	Assistant Professor	Electronics and Instrumentation Engineering
3	Sanchari Kundu	Assistant Professor	Electrical Engineering
4	Srimanta Datta	Assistant Professor	Basic Science and Humanities
5	Purbita Bhattacharya	Assistant Professor	Basic Science and Humanities

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Some Glimpses of the Event

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Faculty Orientation Programme 2015-2016

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3	Prof. Biman Mukherjee	HOD, Civil Engineering, NiT
4	Dr. S. Panda	HOD, Electronics and Communication Engineering, NiT

List of Registered Participants

Sl No.	Faculty Name	Designation	Department
1	Bikash Panja	Assistant Professor	Mechanical Engineering
2	Ankesh Samanta	Assistant Professor	Mechanical Engineering
3	Akhtarujjaman Sarkar	Assistant Professor	Mechanical Engineering
4	Arya Banerjee	Assistant Professor	Civil Engineering
5	Ushnik Chakrabarti	Assistant Professor	Electrical Engineering
6	Sandip Chanda	Associate Professor	Electrical Engineering
7	Reshmi Chandra	Assistant Professor	Electrical Engineering
8	Abira Sengupta	Assistant Professor	Computer Science and Engineering
9	Tamal Kanti Ghosh	Assistant Professor	Basic Science and Humanities
10	Sharmistha Sikdar	Assistant Professor	Basic Science and Humanities
11	Bikramjit Sarkar	Associate Professor	Information Technology

Principal
VARULA INSTITUTE OF TECHNOLOGY
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Narula Institute of Technology

Orientation Programme 2015

The 4-days Orientation Programme for the 1st year students of B.Tech course in Narula Institute of Technology came to an end on Friday, the 7th August, 2015.The sole objective of the event was to give the newcomers a bird's eye view about the various dimensions of the respective curriculum and to acquaint them with the system and activities of the college.

The inaugural session commenced on 4th August with the Saraswati Vandana which was followed by the honourable Principal Dr. M. R. Kanjilal's address to the gathering. Thereafter she introduced all the departmental HODs to the students. Later Ms. Nidhi Singh, Registrar of the institute delivered a presentation where she explained about the various facilities available in the college. The session ended with an enlightening speech by Prof. (Dr).J.K.Das.

On 5th August the students received a foreword in context to the subjects they would learn in their 1st year. Dr.Indrani Sarkar gave an overview of the Basic Physics while Dr. Rupa Bhattacharyya explained the importance of Chemistry in Engineering. Dr. Debjani Chakraborty and Dr. Bikash Panja focused on the syllabus of Mathematics and Mechanical Science respectively. It was followed by the presentation from Prof. Amlan Chakraborty and Mr.Surajit Bari and they highlighted the importance of Basic Electrical & Basic Electronics subjects to all the future engineers. Finally Dr. Leena Sarkar Bhadury and Sharmistha Basu of English Department discussed the importance of Communication and Soft Skills which are essential to make oneself ready for the professional life. The student representatives from 4th year gave a demonstration on the various activities related to Students' Life centre and encouraged participation from the 1st year in the coming days. The student representatives of anti-ragging squad shared their experiences and assured the newcomers firmly that Narula Institute of Technology is a ragging free campus.

On 6Th August the title of the session was *Glimpse of Industry* and the resource persons from the eminent companies like Tech Mahindra and Simplex presented their views on how to be industry ready. Later in the session Mr. R. Rajguru had a brilliant interactive session with the students and gave them useful tips in order to meet their desired career objectives. Prof. P. K. Banerjee, greeted the students with his scholarly address. The third day of Orientation programme reached its zenith in the concluding period which was conducted by Swami Vedattananda from Belur Math Ramkrishna Mission. His discourse was on *Values in Education.* The students and the staff members left the auditorium feeling highly motivated and energized.

The last day of the Orienation was on a lighter note and witnessed a dazzling cultural performance by the senior students. The newcomers were inspired and came forward to participate in the cultural activities and added vigour to the event.

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