

**PROFILE OF FACULTY / STAFF MEMBERS OF
DEPARTMENTS / CENTRES OF NITTTR, CHENNAI**

DIRECTOR

Prof. Dr. SUDHINDRA NATH PANDA

Director

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Areas of expertise:

Water Conservation and Reuse, Systems Approach for Integrated Land & Water Resources Planning & Management.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Dr. E.S.M. SURESH

Professor

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Areas of expertise:

Remote Sensing and GIS, Urban Planning and Management, Disaster Management, Geo-technical Engineering, Instructional Design & Delivery Systems, Technology Enabled Learning, Strategic Planning & Institutional Management, Outcome Based Education and Accreditation

Dr. K.S.A.DINESH KUMAR

Assistant Professor

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Areas of expertise:

Structural Engineering, GIS and its Applications, Groundwater Modelling, Surveying – GPS and Total Station, Instructional Planning and Student Evaluation

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Dr. V. SHANMUGANEETHI

Assistant Professor

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Areas of expertise:

Cloud Computing, Web Technologies, Java Technologies, Programming Paradigm, Educational Assessment and Evaluation & Educational Technologies

DEPARTMENT OF ENGINEERING EDUCATION

Dr. S. RENUKADEVI

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Areas of expertise:

Instruction Design and Delivery System, Student Evaluation, Guidance and Counselling, Soft Skills, Gender Studies, Transactional Analysis and Neuro-Linguistic Programming (NLP)

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Areas of expertise:

Instructional Objectives, Question Paper Authoring and Evaluation, Intellectual Property Rights, Human Resource Information System (HRIS), Rural Development, Entrepreneurship

Dr. S. RAJASEKAR

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Areas of expertise:

Human Resource Development, Research in Engineering Education and Pedagogy

DEPARTMENT OF ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING

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Areas of expertise:

Biomedical Engineering, Telemedicine, Communication Engineering, Computer Networking, Virtual Instrumentation, MATLAB, LabVIEW, ICT for Education / Training, Strategic Planning & Institutional Development, Instructional Design and Delivery System, Technical and vocational Education and Training (TVET) & Accreditation

Dr. G.A. RATHY

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Areas of expertise:

Power Electronics, PLC & SCADA, PSPICE Simulation, AUTOCAD Electrical, Simulation using ORCAD, MULTISIM, MATLAB & LABVIEW, Special Electrical Machines and Industrial Instrumentation, Renewable Energy Sources and Curriculum Evaluation

Dr. P. SIVASANKAR

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Areas of expertise:

Wireless & Mobile Communications, Advanced Digital Signal Processing, VLSI Design & Embedded Systems, Advanced Communication Systems, Computer Networks, MATLAB & LabVIEW and Outcome Based Education

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. S. SOMASUNDARAM

Assistant Professor

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Areas of expertise:

Advances in Manufacturing, CAD/CAM, Non-Destructive Testing (NDT), Non-Traditional Machining (NTM) & Heat Treatment

Er. M. SENTHIL KUMAR

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Areas of expertise:

Renewable Energy Sources, Automobile Technology, Refrigeration & Air Conditioning, Thermal Power Engineering, Computer-Integrated Manufacturing (CIM), Industrial Automation & Mechatronics, Energy & Environmental Education, Ethics in Teaching Profession

CENTRE FOR CURRICULUM DEVELOPMENT, PLANNING AND COORDINATION

Er. D.V. SURYANARAYANA

Programmer

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Areas of expertise:

Mobile Computing, Mobile Communication, MATLAB, Software Engineering, Instructional Planning, Student Evaluation and Curriculum Designing

CENTRE FOR EDUCATIONAL MANAGEMENT & APPLIED PSYCHOLOGY

Dr. R. RAJENDRAN

Associate Professor

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Areas of expertise:

Human Resource Management, Research Methodology, Application of Digital Technology In Research, Guidance and Counselling, Soft Skills, Psychological Testing and Evaluation

CENTRE FOR EDUCATIONAL MEDIA AND TECHNOLOGY

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Associate Professor

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Areas of expertise:

E-Learning, Instructional Design, Open Educational Resources (OER), Educational Technology, Databases, Free and Open-Source Software (FOSS), Data / Text Mining, Cloud Computing.

Shri A.P. FELIX AROKIYA RAJ

Assistant Professor

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Areas of expertise:

Instructional Media & Educational Technology, E-Content Authoring, Web 2.0 Tools, Social Media for Educator, Open Educational Resources (OER), Multimedia

**CENTRE FOR ENVIRONMENTAL MANAGEMENT /
CENTRE FOR INTERNATIONAL AFFAIRS**

RESOURCE CENTRE

Dr. G. JANARDHANAN

Associate Professor
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Areas of expertise:

Geotechnical & Geo-environmental Engineering, Solid Waste Management, Landfill Design, Technology Enabled Active Learning, Environmental Management

Dr. R. RAVICHANDRAN

Sr. Librarian
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Areas of expertise:

Open Source Software, Library Management System (LMS) & Digital Library, ICT Applications in Library, Web Assessment Study, Statistics & Instructional Design and Delivery System

CENTRE FOR RURAL AND ENTREPRENEURSHIP DEVELOPMENT

Dr. R. SANTHAKUMAR

Professor
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Areas of expertise:

Analysis and Design of RCC & Steel Structures, Earthquake Resistant Structures, Application of Fibre-Reinforced Plastic (FRP), Finite Element Analysis, Designing of Instructional Materials

EXTENSION CENTRE, BENGALURU (ECB)

EXTENSION CENTRE, HYDERABAD (ECH)

Er. V. SIVAKUMAR

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Areas of Expertise:

Outcome Based Education and Accreditation, Curriculum Design, Student Centred Learning, Parametric Modelling, Thermal Engineering, Heat Transfer, Computational Fluid Dynamics

Dr. U.S. SAHU

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Areas of expertise:

Communication Systems, Optical Fiber Communication, Wireless & Microwave Communication, Teaching Learning Process and Instructional Methods

EXTENSION CENTRE, KALAMASSERY (ECK)

EXTENSION CENTRE, VIJAYAWADA (ECV)

Dr. SOBHA CYRUS

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Areas of expertise:

Geo-technical Engineering, Ground Improvement Techniques, Geo-environmental Engineering

Dr. C.R. NAGENDRA RAO

Professor
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Areas of expertise:

Environmental Engineering, Curriculum Design, Instruction Objectives and Planning, Instructional Material Preparation, Students Evaluation, Students Guidance & Counseling, Life Skills, Laboratory Instruction, Instructional Design and Delivery System, Students Guidance and Counseling

Facilities @ NITTTR Campus:

1. The Trainees' Guest Houses are WI-FI enabled (the teacher participants are advised to carry their laptops / handhelds to do assignments and other academic related activities, out of office hours).
2. The Trainees' Guest Houses are equipped with mosquito nets, TV, Washing Machine, News papers and Magazines.
3. Air Conditioned Dining Hall with Good Ambience.
4. The campus has sports facilities like Badminton, Volley Ball, Table Tennis, Carrom Board, Chess Board and a state of art gymnasium.
5. Resource Centre is opened up to 7.30 p.m. during the working days.

For Further Details regarding:

- Objectives
- Target Group
- Input
- Process
- Output
- Resource Persons

for each of the programme [FDP-01 to FDP-259](#) visit our website – www.nitttrc.ac.in

For general enquiries and clarification contact:

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Note:

Any Institution requiring a programme to be conducted at their premises may contact the Director with the details like duration and specific requirement for the conduct of the programme.