NEWSLETTER

April 2018 - March 2019

UGC-Human Resource Development Centre JNTUH

VISION

To *enhance* the quality of **teaching**, *stimulate* **research** and scholarly activities by *facilitating* an enriched academic **environment** integrated with instructional **technologies**.

MISSION

- Continually **support** and **empower** faculty particularly in Technical Education to keep them abreast in **discipline** and **profession**.
- Facilitate **holistic development** of faculty and contribute to individual, institutional and Community Development Through a variety of **programs** and **resources**
- To **anticipate** and **respond** to the changing needs of faculty development in consonance with the recommendations of the UGC and align with the University's mission to support **lifelong learning** for enhancing Quality of Education.

The UGC Human Resource Development Centre of JNTUH has been supporting current digital pedagogies and organizing several programmes through online even during this pandemic period. Preparing a proficient generation of teachers in Higher Education is possible only through a systematic and well planned in-service teacher training, by equipping them with the latest advancements in the education, curriculum, pedagogical strategies and technology along with the values and integrity.

The HRDC of JNTUH is giving special emphasis on the above to train the faculty members of Higher Education for their professional development.

--- ***Prof. A. Venu Gopal Reddy***
Vice-Chancellor, JNTUH

Prof. A. Venu Gopal Reddy
Vice-Chancellore

Dear Colleagues,

Dear Colleagues,

Greetings! The UGC – Human Resource Development Centre, JNTUH is delighted to release its newsletter. The academic year 2018-19 has been going with great zeal and enthusiasm. To create high quality human resources and to adopt innovative approaches in Higher Education, the HRDC of JNTUH has been organizing several programs viz. Orientation Programmes, Faculty Induction Programme, Refresher Courses, Short Term Courses, Workshops, 23 courses from University Grants Commission for the year 2018-19, out of which 15 courses have been conducted successfully from April 2018 to March 2019.

The HRDC also conducted 1 day Principal Meet. With this Newsletter, I am pleased to report the detailed activities of UGC-HRDC from April 2018 to March 2019.

Computer Lab was upgraded with networking facility for 30 systems to provide hands-on sessions to the participants to enhance the practical knowledge. Online system was initiated and incorporated for participant registrations, payment of registration fee and to take feedback about the sessions delivered from the academic year 2018-19.

--- Dr. G.K. Viswanadh
Professor of Civil Engineering &
Director, UGC-HRDC, JNTUH

"50th Orientation Programme" Group Photo

50th ORIENTATION PROGRAMME"

A "50th Orientation Programme" was organized from 04-06-2018 to 02-07-2018. Total number of 48 teaching faculty members from various departments of Engineering & Sciences disciplines from all parts of country viz., Kerala, Odisha, New Delhi, Maharashtra, Karnataka, Andhra Pradesh & Telangana states have attended this course.

The main objectives covered during this course were:

- Value Oriented Education Excellence in Teaching
- Professional Ethics
- Media & Society
- Right to Information act
- Environment & Biodiversity
- Higher Education and Pursuit of Values
- Pedagogy Lesson Planning
- Presentation Skills
- Communication Skills & Soft skills Digital Libraries
- Research Methodology
- Plagiarism
- Resources awareness

Short Term Course on "e-Learning and ICT for Teaching & Learning"

A Short Term Course on "e-Learning and ICT for Teaching & Learning" was organized from 30-07-2018 to 04-08-2018. Total number of 42 teaching faculty members from various departments of Engineering & Sciences disciplines from all parts of country viz., Maharashtra, Karnataka, Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

- E-Learning tools and techniques for effective teaching
- ICT and access to Knowledge Resources
- Teaching with Technology – Learning
- Management System
- Collaborative Learning
- M-Learning
- MOOCs and OERs
- Information Security Awareness
- Case Studies

June 2018…

"50th Orientation Programme"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director
UGC-HRDC, JNTUH

Short Term Course on "e-Learning and ICT for Teaching & Learning"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director
UGC-HRDC, JNTUH

July 2018...

Short Term Course on "Gender Sensitization"

- **Coordinator**

Dr. M. Sunitha Reddy
Asst. Professor & BoS Chair Person Centre for Pharmaceutical Sciences IST, JNTUH, Hyderabad

One day workshop for College Principals on "Recent Advances in Higher and Technical Education"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg& Director UGC-HRDC, JNTUH

UGC-Human Resource Development Centre, JNTUH

One Day Principal Meet Group Photo

Short Term Course on "Gender Sensitization"

A Short Term Course on "Gender Sensitization" was conducted from 30-07-2018 to 04-08-2018. Total number of 33 teaching faculty members from departments of Engineering & Sciences disciplines from all parts of country viz., various states of Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Understanding Gender
- Gender and Biology
- Gender and Labour
- Issues of Gender Violence and Law
- Discussion on issues of gender bias

One day workshop for College Principals on "Recent Advances in Higher and Technical Education"

A One day workshop for College Principals on "Recent Advances in Higher and Technical Education" was held on 09th August 2018. Total number of 58 members of principals from different of Engineering Colleges affiliated to JNTUH University from states of Telangana state have attended the course.

Contents Of The Workshop:

- Recent Advances in Higher and Technical Education
  Quality Assurance: NBA/NAAC Parameters
- Academic Leadership
- Technology trends in Higher Education

51st Orientation Programme" Group Photo

"51st Orientation Programme"

A "51st Orientation Programme" was organized from 20-08-2018 to 19-09-2018. Total number of 47 teaching faculty members from various departments of Engineering & Sciences disciplines from all parts of country viz., Karnataka, Maharashtra & Telangana state have attended the course.

Course Objectives:

- Value Oriented Education
- Excellence in Teaching
- Professional Ethics
- Media & Society Right to Information act
- Environment & Biodiversity Higher Education and Pursuit of Values
- Pedagogy
- Lesson Planning
- Presentation Skills
- Communication Skills & Soft skills Digital Libraries
- Research Methodology

Refresher Course on Emerging Trends and Novel Research approaches in Pharmaceutical Sciences

A Refresher Course on "Emerging Trends and Novel Research approaches in Pharmaceutical Sciences" was conducted from 17-09-2018 to 10-10-2018. Total number of 36 teaching faculty members from the department of Pharmacy, Chemistry, Nanotechnology, Biotechnology and related disciplinesfrom all parts of country viz., various states of Karnataka, Kerala, Gujarath, Andhra Pradesh, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Pharmaceutics
- Pharmachemistry
- Pharmacology
- Pharmaceutical Analysis & Quality Assurance Pharmacognosy
- Biotechnology

August 2018...

51st Orientation Programme"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director UGC-HRDC, JNTUH

Refresher Course on Emerging Trends and Novel Research approaches in Pharmaceutical Sciences

- **Coordinator**

Dr. S. Shobha Rani
Asst. Professor and Head Centre for Pharmaceutical Sciences IST, JNTUH, Hyderabad

UGC-Human Resource Development Centre, JNTUH

52 nd Orientation Programme"

- **Coordinator**
  Dr. G.K. Viswanadh
  Professor of Civil Engg& Director UGC-HRDC, JNTUH

Short Term Course on "Research Methodology"

- **Coordinator**
  Dr. G.K. Viswanadh
  Professor of Civil Engg& Director UGC-HRDC, JNTUH

52nd Orientation Programme" Group Photo

52 nd Orientation Programme"

A 52 nd Orientation Programme" was organized from 26-11-2018 to 22-12-2018. Total number of 46 teaching faculty members from various departments of Engineering & Sciences disciplines from all parts of country viz., various states of Karnataka, Maharashtra & Telangana state have attended the course.

Course Objectives:

- Lesson Planning Presentation Skills
- Communication Skills & Soft skills Digital Libraries
- Research Methodology
- Plagiarism
- Resources awareness
- ICT MOOCs and OERs
- Time & Stress Management Professional Etiquette
- Environment & Biodiversity Higher Education and Pursuit of Values

Short Term Course on "Research Methodology"

A Short Term Course on "Research Methodology" was organized from 26-11-2018 to 01-12-2018. Total number of 41 teaching faculty members from various departments of Engineering & Sciences disciplines from all parts of country viz., various states of Karnataka, Nagaland, Kerala, Tamilnadu, Karnataka, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Overview and dimensions of Research
- Methodology Research Articles and Thesis Writing
- Research Methodology – usage of ICT
- Presentation Techniques
- Plagiarism
- Effective Access of Research Resources
- Research through Collaboration
- Funding opportunities to Research Scholars

Refresher Course on "Internet of Things" Course Group Photo

Refresher Course on "Internet of Things"

A Refresher Course on "Internet of Things" was conducted from 03-12-2018 to 22-12-2018. Total number of 54 teaching faculty members from the department of CSE, IT, Computational Linguists, EEE, ECE, ME, Mathematics, Commerce, Bio-Informatics and related disciplines and related disciplinesfrom all parts of country viz., various states of Karnataka, Goa, Odisha, Kerala, Gujarath, Andhra Pradesh, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Introduction to IoT
- Communication Models of IoT
- IoT enabled technologies – WSN, Cloud
- Computing, Big Data Analytics Introduction to Micro Controllers, Arduino & Raspberry
- Pi Programming fundamentals (C and Python
- Software defined Networks
- Network function Virtualization
- Security Challenges in IoT

Short Term Course on "Soft Skills and Professional Ethics"

A Short Term Course on "Soft Skills and Professional Ethics" was conducted from 17-12-2018 to 22-12-2018. Total number of 40 teaching faculty members from the department of all branches of Engineering, Sciences, Arts, Commerce and Management and related disciplines and related disciplinesfrom all parts of country viz., various states of Assam, Tamilnadu, Karnataka, Andhra Pradesh, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Developing Communication Skills and Soft Skills
- Time Management and Stress Management
- Team Building and Leadership Qualities
- Problem Solving and Decision Making
- Professional (N) etiquette
- Critical thinking and Creativity
- Soft Skills and Teacher Effectiveness

December 2018...

Refresher Course on "Internet of Things"

- **Coordinators**

i) **Dr. T. Venugopal**
Professor, Dept. of CSE
JNTUHCE Jagtial

ii) **Dr. K. Shahu Chatrapati**
Assoc. Professor & Head,
Dept. of CSE, JNTUHCE
Manthani

Short Term Course on "Soft Skills and Professional Ethics"

- **Coordinator**

Dr. N.V.S.N. Lakshmi
Assistant Professor of English Dept. of H&SS, JNTUH CEH, Hyderabad

January 2019...

Short Term Course on "MOOCs, e-content development and Open Educational Resources"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director UGC-HRDC, JNTUH

Refresher Course on "Virtualization and Cloud Computing"

- **Coordinator**

Dr. B. V. Ram Naresh Yadav
Assoc. Professor, Dept. of CSE
JNTUHCE Jagtial

UGC-Human Resource Development Centre, JNTUH

Refresher Course on "Virtualization and Cloud Computing" Course Group Photo

Short Term Course on "MOOCs, e-content development and Open Educational Resources"

A Short Term Course on "MOOCs, e-content development and Open Educational Resources" was conducted from 03-01-2019 to 08-01-2019. Total number of 44 teaching faculty members from the department of Faculty from all branches of Engineering, Sciences, Arts, Commerce and Management and related disciplinesfrom all parts of country viz., various states of Karnataka, Andhra Pradesh, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Open education, Open courses (from OCW to MOOCs)
- Teaching through Open Education
- Open pedagogy and open educational practices
- (OEPs), Overview of Learning with MOOCs MOOCs and flipped classrooms/blended learning

Refresher Course on "Virtualization and Cloud Computing"

A Refresher Course on "Virtualization and Cloud Computing" was conducted from 04-02-2019 to 23-02-2019. Total number of 33 teaching faculty members from the department of Faculty from all branches of Engineering, Sciences, Arts, Commerce and Management and related disciplinesfrom all parts of country viz., various states of Karnataka, Andhra Pradesh, Kerala, Odisha, Haryana, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Introduction to Cloud Computing
- Introduction to Virtualization
- Characteristics of Cloud Computing
- Advantages & Disadvantages of Cloud Computing SaaS, Paas, IaaS Models
- Understanding of Cloud Security
- Understanding Services and Applications

Short Term Course on "Skill Enhancement for Non-Teaching Staff" Group Photo

Short Term Course on "Skill Enhancement for Non-Teaching Staff"

A Short Term Course on "Skill Enhancement for Non-Teaching Staff" was conducted from 18-02-2019 to 23-02-2019. Total number of 31 Non-teaching staff working in Universities and Colleges from states Telangana state have attended the course.

Main Subject Contents:

- Noting & Drafting Skills
- Code of Conduct rules
- Record maintenance in the advent of RTI Act 2005
- Computer Skills & File management
- Budget (Receipts / Expenditure)
- Pay Fixation etc.
- Communication Skills and Etiquettes

"53rd Orientation Programme"

A "53rd Orientation Programme was conducted from 18-02-2019 to 16-03-2019. Total number of 53 teaching faculty members from various all branches of Engineering, Sciences & Management from all parts of country viz., various states of Karnataka, Maharashtra & Telangana state have attended the course.

Course Objectives:

- Value Oriented Education Excellence in Teaching
- Professional Ethics Media & Society Right to Information act
- Environment & Biodiversity Higher Education and Pursuit of Values
- Pedagogy Lesson Planning Presentation Skills
- Communication Skills & Soft skills Digital Libraries
- Research Methodology
- Plagiarism Resources awareness
- ICT

February 2019…

Short Term Course on "Skill Enhancement for Non-Teaching Staff"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director UGC-HRDC, JNTUH

53rd Orientation Programme"

- **Coordinator**

Dr. G.K. Viswanadh
Professor of Civil Engg&
Director UGC-HRDC, JNTUH

UGC-Human Resource Development Centre, JNTUH

Refresher Course on Systems and Signal Processing

- **Coordinators**

i) **Dr. K. Anitha Sheela**
Professor, Dept. of E.C.E
JNTUH CEH, Hyderabad

ii) **Dr. A. Rajani**
Assoc. Professor Dept. of E.C.E
JNTUH CEH, Hyderabad

Refresher Course on "Systems and Signal Processing" Course Group Photo

Refresher Course on Systems and Signal Processing

A Refresher Course on "Systems and Signal Processing" was conducted from 06-03-2019 to 27-03-2019. Total number of 32 teaching faculty members from the department of E.C.E., and related disciplines from all parts of country viz., various states of Karnataka, Andhra Pradesh, Agra, Maharashtra & Telangana state have attended the course.

Main Subject Contents:

- Concepts of Signals and their analogy with Vectors
- System Classification and Analysis
- Introduction and properties of Fourier series
- Introduction and properties of Fourier transform,
- Laplace transform, ROC and waveform synthesis Practical aspects of Sampling and Matlab
- simulation Discrete Time Signals and Z-Transform and ROC
- DTFT, DFT, FFT and properties IIR and FIR Filter Design
- Realization of structures
- Finite Word Length Effect Spectral

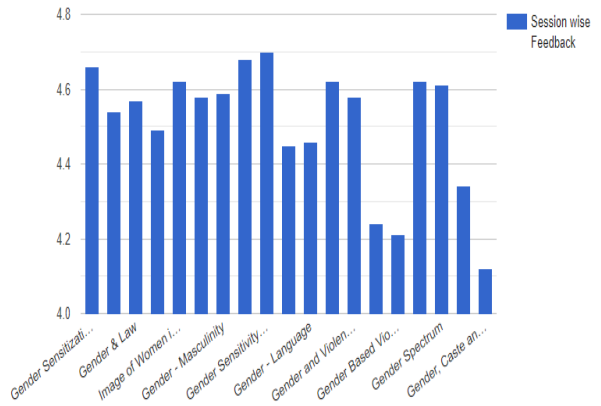
Session on "Linear & Time Invarient Systems" by Dr. Anil Kumar Vuppala, Assistant Professor, IIIT, Hyderabad

Participants Feedback

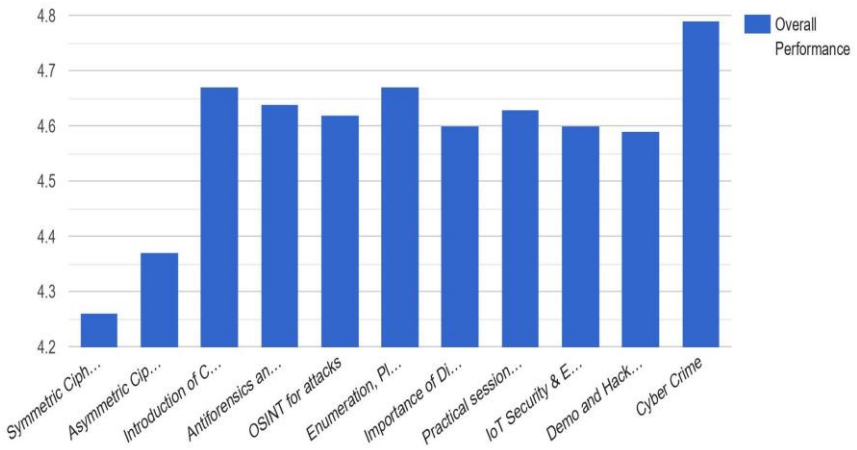
ONLINE FEEDBACK

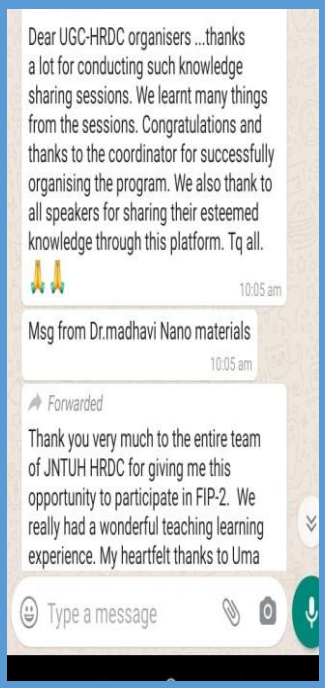
To analyse individual responses and to assess the training conducted for the participants, this academic year HRDC introduced online feedback system to adopt more innovative training methods for overall development and knowledge upgradation of the faculty.

The Session-wise feedback of Short Term Course on "Gender Sensitization"

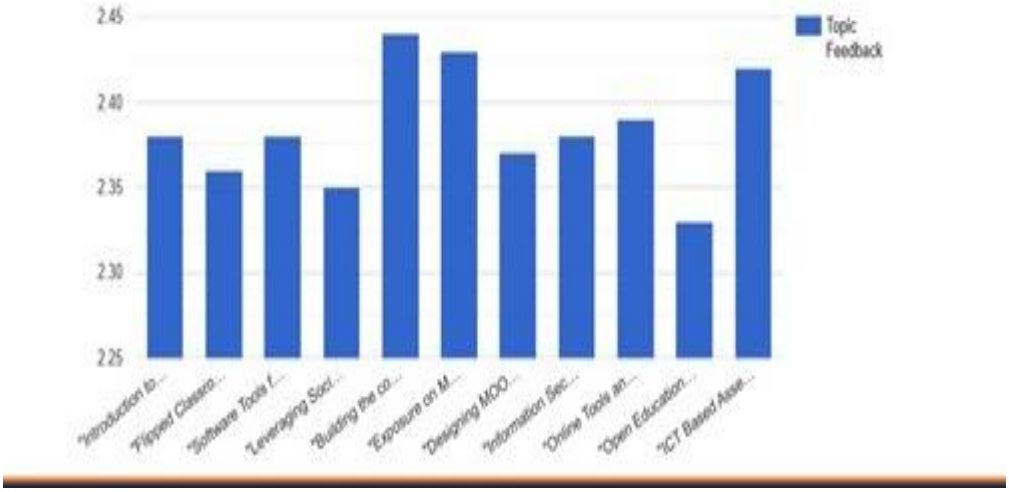


The Session-wise feedback of Short Term Course on "Soft Skills and Professional Ethics"

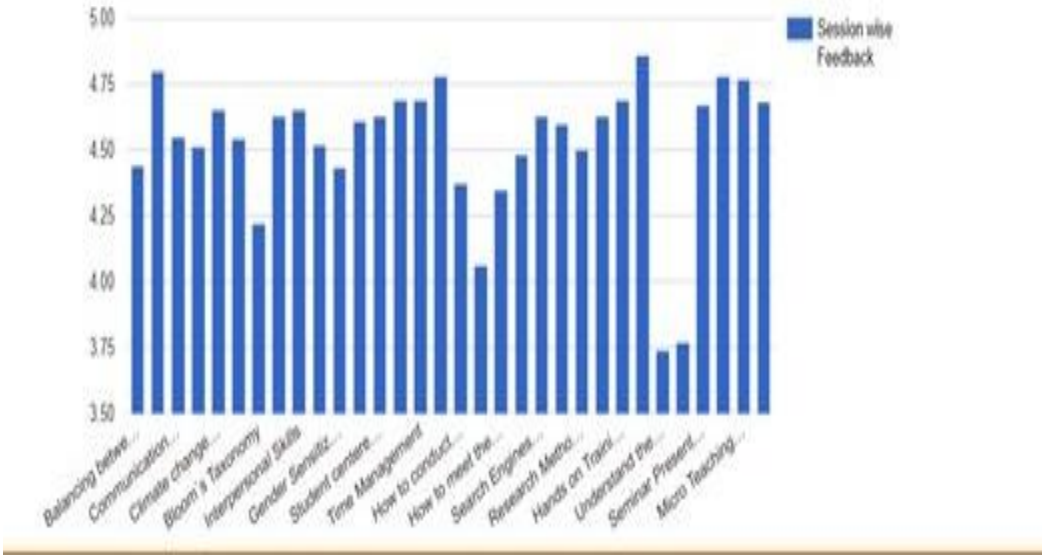




The Session-wise feedback of Short Term Course on "MOOCs, e-content development and Open Educational Resources"



The Session-wise feedback of 53rd Orientation Programme"



Organized by
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
Short Term Course on
GENDER SENSITIZATION
30-07-2018 to 04-08-2018

Organized by
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
Short Term Course on
MOOCs, e-content development &
Open Educational Resources
03-01-2019 to 08-01-2019

UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
ORIENTATION PROGRAMME –
(Phase - I)
(20-08-2018 to 01-09-2018)
Sponsored by
TEQIP - III, JNTUH, HYDERABAD

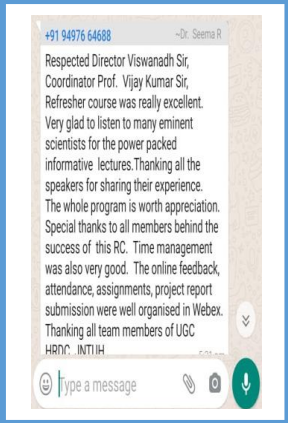
Organized by
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
Refresher Course on
EMERGING TRENDS & NOVEL RESEARCH APPROACHES IN PHARMACEUTICAL SCIENCES
17-09-2018 to 10-10-2018

Organized by
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
Short Term Course on
SOFT SKILLS AND PROFESSIONAL ETHICS
17-12-2018 to 22-12-2018

Organized by
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
JNTUH, Hyderabad
Short Term Course on
e-LEARNING AND ICT FOR TEACHING & LEARNING
30-07-2018 to 04-08-2018

Training Programmes organized for the year 2018-19

Feedback from participants…



A total number of 638 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year April 2018 to March 2019.

UGC-Human Resource Development Centre, JNTUH

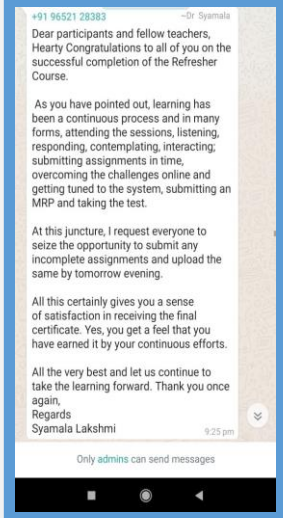
Training Programmes organized for the year 2018 – 2019 (April 2018 to June 2020)

UGC SPONSORED COURSES

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
Orientation Programmes					
1	50th Orientation Programme	04-06-2018	02-07-2018	48	Kerala, Odisha, New Delhi, Maharashtra, Karnataka, Andhra Pradesh & Telangana states
2	51st Orientation Programme	20-08-2018	19-09-2018	47	Karnataka, Maharashtra & Telangana state
3	52nd Orientation Programme	26-11-2018	22-12-2018	46	Karnataka, Maharashtra & Telangana state
4	53rd Orientation Programme	18-02-2019	16-03-2019	53	Karnataka, Maharashtra & Telangana state
Refresher Courses:					
5	Refresher Course on Emerging Trends and Novel Research approaches in Pharmaceutical Sciences	17-09-2018	10-10-2018	36	Karnataka, Kerala, Gujarath, Andhra Pradesh, Maharashtra & Telangana state
6	Refresher Course on “Internet of Things”	03-12-2018	22-12-2018	54	Karnataka, Goa, Odisha, Kerala, Gujarath, Andhra Pradesh, Maharashtra & Telangana state
7	Refresher Course on “Virtualization and Cloud Computing”	04-02-2019	23-02-2019	33	Karnataka, Andhra Pradesh, Kerala, Odisha, Haryana, Maharashtra & Telangana state
8	Refresher Course on Systems and Signal Processing	06-03-2019	27-03-2019	32	Karnataka, Andhra Pradesh, Agra, Maharashtra & Telangana state

Training Programmes organized for the year 2018-2019

Feedback from participants…



A total number of 638 members of faculty from various departments of Engineering, Sciences, Arts, Commerce and Management of various Engineering and Degree Colleges, all over the Country have been trained during this Academic Year April 2018 to March 2019.

Training Programmes organized for the year 2018 – 2019 (April 2018 to March 2019)

UGC SPONSORED COURSES

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
Short Term Courses:					
9	Short Term Course on "e-Learning and ICT for Teaching & Learning"	30-07-2018	04-08-2018	42	Maharashtra, Karnataka, Andhra Pradesh & Telangana states
10	Short Term Course on "Gender Sensitization"	30-07-2018	04-08-2018	33	Maharashtra & Telangana state
11	Short Term Course on "Research Methodology"	26-11-2018	01-12-2018	41	Karnataka, Nagaland, Kerala, Tamilnadu, Karnataka, Maharashtra & Telangana state
12	Short Term Course on "Soft Skills and Professional Ethics"	17-12-2018	22-12-2018	40	Assam, Tamilnadu, Karnataka, Andhra Pradesh, Maharashtra & Telangana state
13	Short Term Course on "MOOCs, e-content development and Open Educational Resources"	03-01-2019	08-01-2019	44	Karnataka, Andhra Pradesh, Maharashtra & Telangana state
14	Short Term Course on "Skill Enhancement for Non-Teaching Staff"	18-02-2019	23-02-2019	31	Telangana
One day Workshop:					
15	One day workshop for College Principals on "Recent Advances in Higher and Technical Education"	09-08-2018		58	Telangana

Participants Feedback:

Respected director of UGC/HRDC, JNTU, Hyd, Dr. V Parvathi Madam, who is the course coordinator RC Indian English Literature, and Kavitha madam who supported our co-ordinator of RC and other other staff associated with RC,

A BIG THANK YOU

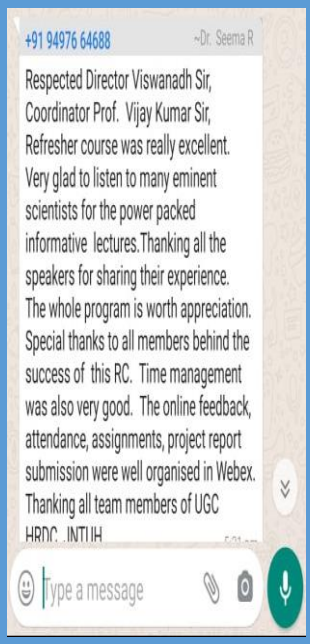
It was a wonderful experience. We could listen to many erudite lectures on various topics in relation to Indian Writing in English.

Participant were also very vibrant, and they actually made the session lively by their interactions. I also thank the internet provider and the electricity provider in each state for their uninterrupted data flow and power supply.I felt really benefited by the deliberations by various experts. I specially thank UGC/HRDS, JNTU and the staff and the fellow participants for such a great

intellectual treat.

With regards

Ravikrishnan T



Address for all Correspondence:

Dr.G.K.Viswanadh

Director

UGC-Human Resource Development Centre, JNTUH, Hyderabad.

Kukatpally, Hyderabad – 500 085.

Telangana State, INDIA

Mobile : 8008103814 (All working days from 10.30am to 5.00 pm only)

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