



NEWSLETTER

April 2017 - March 2018

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.

UGC-Human Resource Development Centre JNTUH

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-Chancellor

Dear Colleagues,

Greetings! The UGC – Human Resource Development Centre, JNTUH is delighted to release its newsletter. The academic year 2017-18 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, for the members of the faculty. We have received approval for 17 courses from University Grants Commission for the year 2017-18, out of which 09 courses have been conducted successfully from April 2017 to March 2018.

The HRDC also conducted Summer School Course. With this Newsletter, I am pleased to report the detailed activities of UGC-HRDC from April 2017 to March 2018.

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 April 2017 to March 2018.



--- Dr. B. Balu Naik
Professor of Mechanical Engineering &
Director, UGC-HRDC, JNTUH



47th Orientation Programme Group Photo

47th Orientation Programme”

A “47th Orientation Programme” was organized from 08-05-2017 to 03-06-2017. Total number of 41 teaching faculty members from various departments of Faculty from all branches of Engineering, Sciences & Management from all parts of country viz., Maharashtra, Karnataka, Andhra Pradesh & Telangana states have attended this 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
- Resources awareness ICT
- Time & Stress Management
- Professional Etiquette

Summer School on “Strategies for Research Oriented Teaching”

A “Summer School on “Strategies for Research Oriented Teaching” was organized from 05-06-2017 to 24-06-2017. Total number of 56 teaching faculty members from various departments of Faculty from all branches of Engineering, Sciences & Management from all parts of country viz., Maharashtra, Kerala, Rajasthan, Tamilnadu, Karnataka, Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

- Higher Education in 21st Century
- Research Oriented Teaching
- Alternative paradigms of learning
- Online searching tools
- Effective Presentation Techniques
- Effective access of research resources
- Ethics in Research
- Reflection as a Research Skill
- Project Based Learning
- Multiple Intelligence and Study Skills

“47th Orientation Programme”

➤ **Coordinator**

Dr. B. Balu Naik

Director, UGC-HRDC, JNTUH

Summer School on “Strategies for Research Oriented Teaching”

➤ **Coordinator**

Dr. B. Balu Naik

Director, UGC-HRDC, JNTUH

**Refresher Course on
“Recent Trends in
Physics of Materials
Science and
Technology”**

➤ **Coordinators**

i) Dr. S. Chandralingam
Professor & Chairman, BOS,
Dept. of Physics & Director,
School of Continuing and
Distance Education,
JNTUH, Hyderabad, T.S. &

ii) Dr. K. Vijaya Kumar
Associate Professor, Dept. of
Physics JNTUHCEJ, Jagtial
Dist., T.S.

**Short Term Course on
“Gender Sensitization”**

➤ **Coordinator
Dr. Parvathi. V**

Professor of English & Head,
Dept. of H&SS
JNTUH, Kukatpally,
Hyderabad



Short Term Course on “Gender Sensitization” Group Photo

**Refresher Course on “Recent
Trends in Physics of Materials
Science and Technology”**

A Refresher Course on “Recent Trends in Physics of Materials Science and Technology” was organized from 17-07-2017 to 05-08-2017. Total number of 51 teaching faculty members from various departments of Faculty from the departments of Physics, Chemistry, Materials Science and related disciplines from all parts of country viz., Maharashtra, Karnataka, Kerala, Puducherry, Jharkhand, Uttarakhand, Tamilnadu, Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

- Preparation techniques of Materials
- Characterization of Materials and Applications
- Recent developments in Physics and Materials Science

**Short Term Course on “Gender
Sensitization”**

A Short Term Course on “Gender Sensitization” was organized from 18-09-2017 to 23-09-2017. Total number of 34 teaching faculty members from various departments of Faculty from the departments of Faculty from all branches of Engineering, Science and Management and related disciplines from all parts of country viz., Maharashtra, Andhra Pradesh & Telangana states have attended this course.

Main Subject Content:

- Understanding Gender
- Gender and Biology
- Gender and Labour
- Issues of Gender Violence and Law
- Co-existence: A Need of the Hour



48th Orientation Programme Group Photo

Refresher Course on “Internet of Things”

A Refresher Course on “Internet of Things” was organized from 09-10-2017 to 30-10-2017. Total number of 33 teaching faculty members from various departments of Faculty from the departments of CSE, IT, Computational Linguists, EEE, ECE, ME, Mathematics, Bio-Informatics and related from all parts of country viz., Maharashtra, Karnataka, Tamilnadu, Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

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

“48th Orientation Programme”

A “48th Orientation Programme” was organized from 20-11-2017 to 18-12-2017. Total number of 45 teaching faculty members from various departments of all branches of Engineering, Sciences & Management from all parts of country viz., Maharashtra, Karnataka, Gujarat, Kerala, Tamilnadu, Chandigarh, Andhra Pradesh & Telangana states have attended this course.

Course Objectives:

- 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

Refresher Course on “Internet of Things”

➤ Coordinator

i) **Dr. M. Nagaratna**
Associate Professor,
Dept. of C.S.E., JNTUHCEH,
Hyderabad, T.S. &

ii) **Dr. K. Shahu Chatrapati**
Associate Professor & Head,
Dept. of CSE JNTUHCEM,
Manthani, T.S.

“48th Orientation Programme”

➤ Coordinator **Dr. B. Balu Naik**

Director, UGC-HRDC, JNTUH

January and February 2018...

Refresher Course on “Basic Principles and Research Advancements in Life Sciences and Pharmaceutical Sciences”

➤ **Coordinator**

i) **Dr. A. Uma**

Assistant Professor, Centre for Biotechnology IST, JNTUH, Hyderabad, T.S. &

ii) **Dr. M. Sunitha Reddy**

Assistant Professor, Centre for Pharmaceutical Sciences, IST, JNTUH, Hyderabad, T.S.

Refresher Course on “English Language Teaching”

➤ **Coordinator**

Dr. N.V.S.N. Lakshmi

Asst. Professor of English, Dept. of H&SS, JNTUH College of Engineering, Kukatpally, Hyderabad, T.S.

UGC-Human Resource Development Centre, JNTUH



Refresher Course on “English Language Teaching” Group Photo

Refresher Course on “Basic Principles and Research Advancements in Life Sciences and Pharmaceutical Sciences”

A Refresher Course on “Basic Principles and Research Advancements in Life Sciences and Pharmaceutical Sciences” was organized from 22-01-2018 to 12-02-2018. Total number of 40 teaching faculty members from various departments of Life Sciences, Pharmacy, Biotechnology and related disciplines from all parts of country viz., Maharashtra, Karnataka, Kerala, Tamilnadu, Delhi Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

- Biotechnology & microbiology bioinformatics instrumentation methods
- current research areas pharmaceuticals & industrial pharmacy clinical pharmacy & pharmacology
- analytical techniques & Pharma. chemistry Gene editing techniques

Refresher Course on “English Language Teaching”

A Refresher Course on “English Language Teaching” was organized from 19-02-2018 to 12-03-2018. Total number of 34 teaching faculty members from various departments of faculty of English language and related disciplines from all parts of country viz., Assam, Kerala, Maharashtra, Karnataka, Kerala, Tamilnadu, Andhra Pradesh & Telangana states have attended this course.

Main Subject Contents:

- History and Methods of English Language
- Teaching (ELT) Teaching Basic Language Skills and Study
- Skills Teaching Learning Process
- Developing Materials
- CALL and ICT in Language Teaching
- Nuances of Assessment, Testing and Evaluation
- Neutralization of Mother Tongue Influence
- Paradigm Shift in Current Research Trends in ELT



49th Orientation Programme Group Photo

49 th Orientation Programme”

➤ **Coordinator**

Dr. B. Balu Naik
Director, UGC-HRDC, JNTUH

49 th Orientation Programme”

A 49 th Orientation Programme” was organized from 12-02-2018 to 13-03-2018. Total number of 44 teaching faculty members from various departments of all branches of Engineering, Sciences & Management from all parts of country viz., Maharashtra, Karnataka, West Bengal, Gujarat, Kerala, Tamilnadu, Andhra Pradesh & Telangana states have attended this 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
- Plagiarism
- Resources awareness

- Communication Skills & Soft skills Digital Libraries
- Research Methodology

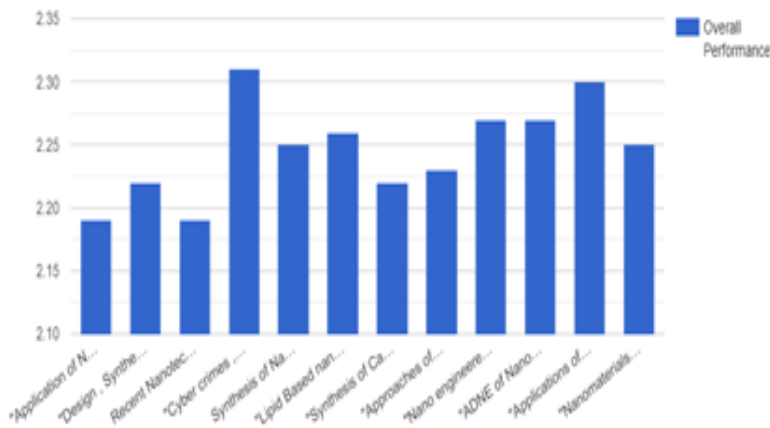


Session on “Outcome Based Education” by Prof. M.L. Sai Kumar Formerly Dean with Institute of Public Enterprise, Hyderabad

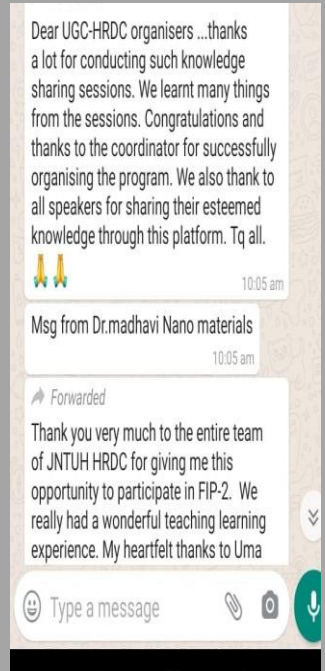
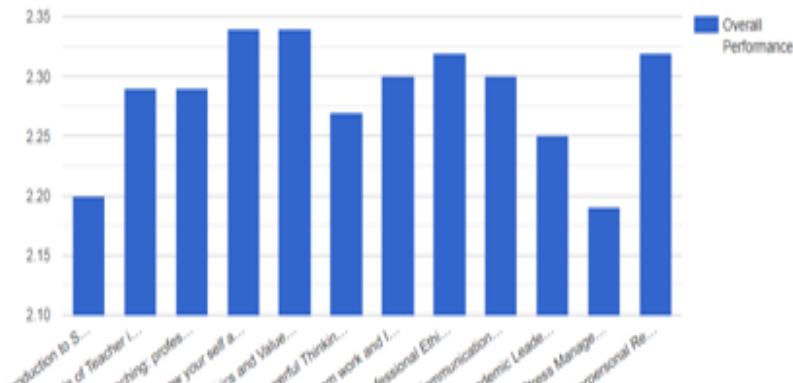
ONLINE FEEDBACK

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.

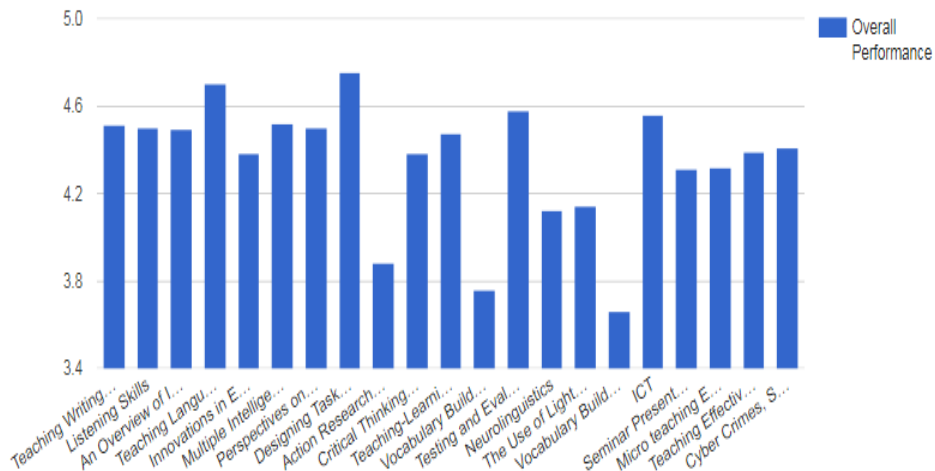
The Session-wise feedback of Refresher Course on “Basic Principles and Research Advancements in Life Sciences and Pharmaceutical Sciences”



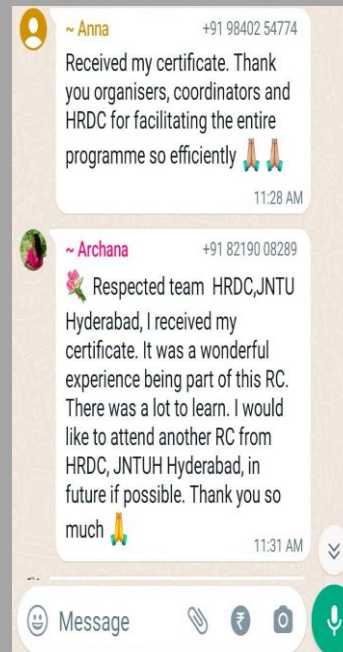
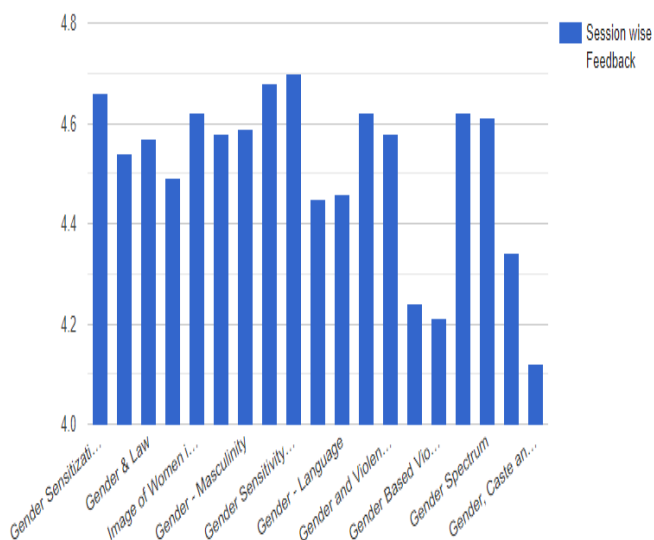
The Session-wise feedback of Refresher Course on “Recent Trends in Physics of Materials Science and Technology”



The Session-wise feedback of Refresher Course on “English Language Teaching”



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

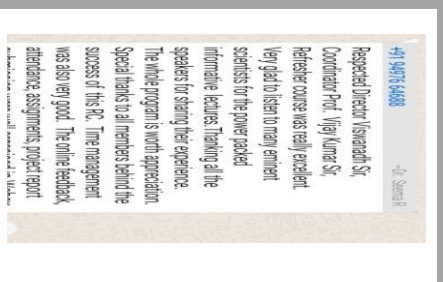






Training Programmes organized for the year 2017-18

Feedback from participants...



A total number of 378 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 2017 to March 2018..

UGC-Human Resource Development Centre, JNTUH

Training Programmes organized for the year 2017 – 2018 (April 2017 to March 2018)

UGC SPONSORED COURSES

S No	Name of the courses	Schedule		Number of Participants	Participants from different States
		From	To		
1	47 th Orientation Programme”	08-05-2017	03-06-2017	41	Maharashtra, Karnataka, Andhra Pradesh & Telangana states
2	48 th Orientation Programme”	20-11-2017	18-12-2017	45	Maharashtra, Karnataka, Gujarat, Kerala, Tamilnadu, Chandigarh, Andhra Pradesh & Telangana states
3	49 th Orientation Programme”	12-02-2018	13-03-2018	44	Maharashtra, Karnataka, West Bengal, Gujarat, Kerala, Tamilnadu, Andhra Pradesh & Telangana states

Refresher Courses:

4	Refresher Course on “Recent Trends in Physics of Materials Science and Technology”	17-07-2017	05-08-2017	51	Maharashtra, Karnataka, Kerala, Puducherry, Jharkhand, Uttarakhnad, Tamilnadu, Andhra Pradesh & Telangana states
5	Refresher Course on “Internet of Things”	09-10-2017	30-10-2017	33	Maharashtra, Karnataka, Tamilnadu, Andhra Pradesh & Telangana states
6	Refresher Course on “English Language Teaching”	19-02-2018	12-03-2018	34	Assam, Kerala, Maharashtra, Karnataka, Kerala, Tamilnadu, Andhra Pradesh & Telangana states
7	Refresher Course on “Basic Principles and Research Advancements in Life Sciences and Pharmaceutical Sciences”	22-01-2018	12-02-2018	40	Maharashtra, Karnataka, Kerala, Tamilnadu, Delhi Andhra Pradesh & Telangana states

Training Programmes organized for the year 2017-2018

Feedback from participants...



A total number of 378 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 2017 to March 2018.

UGC-Human Resource Development Centre, JNTUH

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		
8	Summer School on "Strategies for Research Oriented Teaching"	05-06-2017	24-06-2017	56	Maharashtra, Kerala, Rajasthan, Tamilnadu, Karnataka, Andhra Pradesh & Telangana states
Short Term Courses:					
9	Short Term Course on "Gender Sensitization"	18-09-2017	23-09-2017	34	Maharashtra, Andhra Pradesh & Telangana states

Address for all Correspondence:

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Director

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