

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.
- holistic Facilitate **development** of faculty contribute individual, institutional and Community Development Through a variety programs and resources
- anticipate To and respond to the changing needs of faculty development in consonance with the recommendations of the UGC and align with the University's mission 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-Chancellore

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

May and June 2017...

"47th Orientation Programme"

Coordinator
Dr. B. Balu Naik

Director, UGC-HRDC, JNTUH

Summer School on "Strategies for Research Oriented Teaching"

Coordinator

Dr. B. Balu NaikDirector, UGC-HRDC, JNTUH

July and September 2017...

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

Dept. of H&SS

JNTUH, Kukatpally,

Hyderabad

UGC-Human Resource Development Centre, JNTUH



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 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"

"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 Engineering, Sciences & Management from all parts of country Karnataka, Maharashtra, Gujarat, Kerala, Tamilnadu, Chandigargh, 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

October and November 2017...

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. UmaAssistant 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 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 pharmaceutics & 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"

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

March 2018...

49 th Orientation Programme"

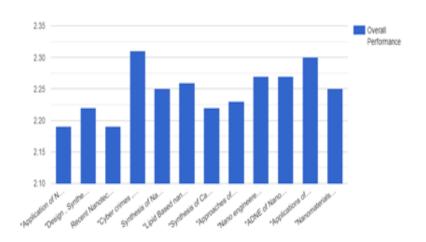
Coordinator

Dr. B. Balu NaikDirector, UGC-HRDC, JNTUH

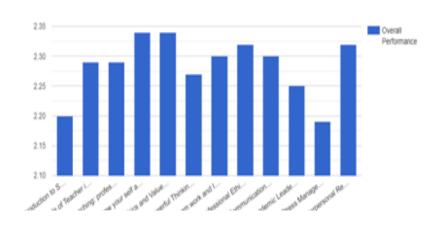
ONLINE FEEDBACK

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"

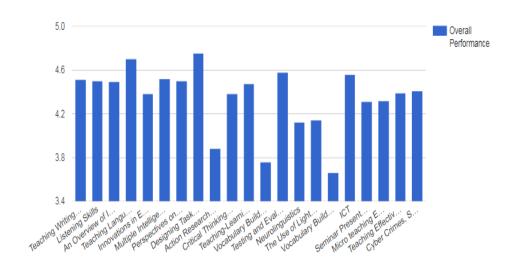


The Session-wise feedback of Refresher Course on "Recent Trends in Physics of Materials Science and Technology"

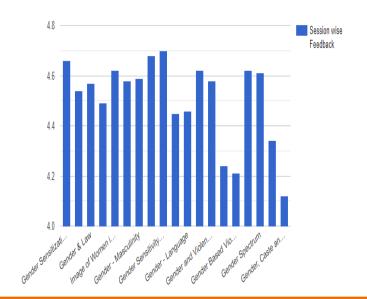


Participants Feedback Dear UGC-HRDC organisers ... thanks a lot for conducting such knowledge sharing sessions. We learnt many things from the sessions. Congratulations and thanks to the coordinator for successfully organising the program. We also thank to all speakers for sharing their esteemed knowledge through this platform. Tq all. Msg from Dr.madhavi Nano materials ♠ Forwarded Thank you very much to the entire team of JNTUH HRDC for giving me this opportunity to participate in FIP-2. We really had a wonderful teaching learning experience. My heartfelt thanks to Uma Type a message

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...

Respected Director Viswanadh Sk, Coordinator Prof. Vijay Kumar Sk, Refresher course was really excellent. Very glad to Islant to many eminent scientists for the power packed informative lectures. Thranking all the speedless for sharing their experience. The whole program is worth appreciation. Special thanks to all membrase behind the success of this Rc. The management was also very good. The online feedback, affendance, assignments, project report

Colleges, Engineering, Sciences, Arts, various members April 2017 to March 2018.. during this Academic Year Country have been trained Engineering and Management of Commerce total number a<u></u> departments of faculty over the of various Degree from and 378

UGC-Human Resource Development Centre, JNTUH

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

UGC SPONSORED COURSES

Kerala, Tamilnadu, Delhi Andhra Pradesh & Telangana states	40	12-02-2018	22-01-2018 t	and Research Advancements in Life Sciences and Pharmaceutical Sciences"	_
Maharashtra Karnataka				Refresher Course on "Rasic Principles	7
Assam, Kerala, Maharashtra, Karnataka, Kerala, Tamilnadu, Andhra Pradesh & Telangana states	34	12-03-2018	19-02-2018	Refresher Course on "English Language Teaching"	ი
Maharashtra, Karnataka, Tamilnadu, Andhra Pradesh & Telangana states	33	30-10-2017	09-10-2017	Refresher Course on "Internet of Things"	Ŋ
states					
Uttarakhand, Tamilnadu,	51	05-08-2017	17-07-2017	Technology"	
Maharashtra, Karnataka, Kerala, Puducherry, Jharkhand,				Refresher Course on "Recent Trends in Physics of Materials Science and	4
				Refresher Courses:	Refr
Telangana states					
Bengal, Gujarat, Kerala, Tamilnadu, Andhra Pradesh &	44	13-03-2018	12-02-2018		
Maharashtra, Karnataka, West				49 th Orientation Programme"	3
Chandigargh, Andhra Pradesh & Telangana states	;	,			
Gujarat, Kerala, Tamilnadu,	45	18-12-2017	20-11-2017		١
Maharashtra Karnataka				48 th Orientation Programme"	2
Andhra Pradesh & Telangana states	41	03-06-2017	08-05-2017	Q	
Maharashtra, Karnataka,				47 th Orientation Programme"	1
				Orientation Programmes	Orie
different States	Participants	То	From		8
	Number of	Schedule		Name of the courses	S

Training Programmes organized for the year 2017-2018

Any 196221 25383

Deep participants and fellow teachers.
Hearty Congratulations to all of you on the successful completion of the Refresher Course.

As you have pointed out, learning has been a continuous process and in many forms, attending the seasons, listening, responding, contemplating, interacting, submitting as supmersts in time, overcoming the challenges online and getting tured to the system, submitting an any the state of the state o

At this juncture, I request everyone to seize the opportunity to submit any incomplete assignments and upload the same by tomorrow evening.

All this certainly gives you a sense of satisfaction in receiving the final certificate. Yes, you get a feel that you have earned it by your continuous efforts.

All the very best and let us continue to take the learning forward. Thank you once take the learning forward.

All the very best and let us continue to take the learning forward. Thank you once again, Regards

A total number of 379

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	Sch	Schedule	Number of	Participants from
		From	То	Participan ts	different States
Summer School:	School:				
8	Summer School on "Strategies for				Maharashtra, Kerala,
	Research Oriented Teaching"	05-06-2017	24-06-2017	56	Rajasthan, Tamilnadu, Karnataka, Andhra Pradesh & Telangana states
Short Ter	Short Term Courses:			•	
9	Short Term Course on "Gender				Maharashtra, Andhra
	Sensitization"	18-09-2017	23-09-2017	34	Pradesh & Telangana states

Address for all Correspondence:

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Director

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