



J.B. INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

Bhaskar Nagar, Yenkepally Village, Moinabad Mandal, R.R. District, Hyderabad -500075

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**One Week Workshop
On**

"PEDAGOGICAL RESEARCH, TECHNICAL WRITING AND PUBLICATION"

1st to 7th August 2019

Co-ordinators:

**Dr. Prasanta Kumar Pradhan
Dr. Anindya Jana**

HOD- ECE

Dr. Towheed Sultana



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Date: 30-09-2019

CIRCULAR

This is to inform all third-year students of ECE that "PEDAGOGICAL RESEARCH, TECHNICAL WRITING AND PUBLICATION" will be held on 01-08-2019 to 08-08-2019 at MNR Auditorium, JBIET. In this regard, all IIIrd and IVth year students of ECE are kindly instructed to participate in this event and get benefited.

Towheed S.

HOD-ECE

HOD - ECE
JB Institute of Engineering & Technology
(UGC Autonomous)
(Accredited by NAAC, Approved by AICTE,
Permanently Affiliated JNTUH)
Bhaskar Nagar, Moinebad Mandal,
Hyderabad-500 075.

About JBIET

As one of the top ten most preferred institutions in Telangana, JBIET continues to strive to impart technical (engineering) and professional education of very high standards. The aim of JBIET is to mould young learners into globally competitive professionals who are professionally deft, intellectually adept and socially responsible.

The expert faculty at JBIET inculcate the best values and principles, ascribing to a modern curriculum; while the students imbibe pragmatic perception and a pro-active nature, which spurs them towards exploration and advanced inquiry, resulting in valuable insights. The Placement record of JBIET over the years is proof of our right efforts in enabling the best in class engineering, technical and professional education to aspirants.



JBIET has highly qualified and professionally trained faculty members who impart Interactive Communication skills, Technical and Employability skills to students, so that they compete successfully in the Global job market.



Modern infrastructure, comprising ample built up area, well equipped laboratories, libraries and information centres with digitalization and online transaction facilities are integral to the world class amenities provided on campus.



JBIET has an excellent placement track record of students who have been hand-picked consistently by the world's best MNCs like Infosys, Amazon, IBM, HCL, Google Maps, HSBC Bank, ICICI Bank, etc. JBIET provides students plenty of opportunities to work in global markets.

HOD ECE MESSAGE

Department of ECE is having its Strength in its Faculty and Infrastructure of Laboratories. We are constantly striving to transform the students' aspirations into Reality. We enable this with dedication and commitment to imparting the right education and creating the most conducive environment for learning, research, innovation, and growth. Over the years, we have ensured many a dream has come true for both student, and parent; with our keen focus on career oriented education.

We continue to strive towards our goals with purpose as Education is a never ending mission in these increasingly competitive times.

-Dr. Towheed Sultana
M.Tech, Ph.D.

Contact us

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Dr. Prasanta Kumar Pradhan : 7978876463
Mail : hodece@jbiet.edu.in



Chief Patron

Mrs. J. Vasumati Devi, Chair Person, JBES.

Patron

Mr. J. V. Krishna Rao, Secretary, JBES.

Co-Patrons

Major General Dr. S. S. Dasaka, SM, VSM (Retd.), CEO, JBIET
Dr. Niraj Upadhyaya, Principal, JBIET.

Convener

Dr. Towheed Sultana, Professor & HOD-ECE, JBIET.

Co-Convener

Dr. S. Ibrahim Sadhar, Associate Professor, ECE, Dean, R&D, JBIET.

Coordinators

Dr. Anindya Jana
Associate Professor, ECE
Dr. Prasanta Kumar Pradhan
Associate Professor, ECE.

Advisory Committee

Prof. Sarat Kumar Patra, Director, IIIT Vadodara
Prof. Chandan Kumar Sarkar, Member of Institute of Physics, UK
Ex Chair, IEEE, EDS, Fellow IETE
Dr. A. Srinivasa Rao, Principal, BPC
Dr. Uday Kiran Chavan, Principal, BEC
Dr. V. Usha Shree, Principal, JBREC.

Organizing Committee

Dr. Himanshu Sharma, Associate Professor, ECE
Dr. Md. Salauddin, Associate Professor, ECE
Mr. Rajkumar D Bhure, Associate Professor, ECE
Mr. N. Ramesh Babu, Associate Professor, ECE
Mrs. K Snehalatha, Associate Professor, ECE
Mr. K. Roshan, Associate Professor & HOD, ECM
Mr. Pyla Ravi Kiran, Assistant Professor, ECE
Mr. B. Kishore Kumar, Assistant Professor, ECE
Mr. Bijaya Kumar Muni, Assistant Professor, ECE
Mr. Bhaskara Charyulu, Lab Technician, ECE
Mr.. D. Kotya, Assistant Professor, ECE.



One Week Faculty Development Program on

'PEDAGOGICAL RESEARCH, TECHNICAL WRITING AND PUBLICATION'

1st August to 7th August, 2019



**INSTITUTE OF
ENGINEERING &
TECHNOLOGY**

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Venue :

Placement Seminar Hall, JBIET.

Organized by

**Department of ECE
(With the support of ECM)
JBIET**

About FDP:

Knowing, doing and expressing are three different things in the real academic world. So to express the knowledge to the world is very much essential in desired form is pretty important. In this FDP various sessions of pedagogical methods will be exercised like art of technical writing, academic research tools, Latex documentation(paper writing , thesis writing in different Latex environment), hands on sessions with latex, interactive sessions with PhD students etc.

Why Research Pedagogical Topics is necessary:

Much of the research published in the early days of the field was pedagogical and programmatic in nature because the field was centered on teaching and Journal of Technical Writing and Communication. As the field grew and matured, the need to publish more and different types of research became a priority for faculty as they faced increased research obligations for tenure and promotion. Even with this emphasis, TPC scholars continue to publish research that is pedagogically focused as teaching well remains a major priority for many TPC faculty members. When we say, “pedagogically focused research,” we mean that the design of the research study was driven by a question, problem, or desire to improve or to understand one or more of the following:

- Classroom teaching approaches at the course level.
- Classroom teaching and student learning practice at the course level.

•Programmatic approaches related to courses, curricula or TPC program administration. Alongside service, many in academia have learned to view research and teaching as part of the metaphoric “three-legged stool” of their work. The better we can understand the connections between research and teaching—the two generally most valued aspects of this model—the better we can plan how the field might move forward in a way that optimizes the relationship between these two areas. Such understanding is key in addressing the need for faculty to continually reassess and rebalance such factors in response to changing political, social, and economic climates. It is this need that motivates the macrolevel objective for FDP. That is, we wish to offer guidance for those who would like to take up or extend their own pedagogically focused research such that it will have maximum impact and it will enrich praxis. Moreover, in a more local context, pedagogical scholarship can affect both program development and teaching and learning processes at the course level. Ideally, Objective:

The aim of the proposed FDP is to express the manuscript documentation in various tools. This FDP will discuss difficulties or ambiguity of researchers efficiently. Definitely this FDP will motivate the PhD students and researchers. pedagogical research and programmatic research overlap in iterative and reciprocal

ways that lead to continuous reflection and improvement in how we teach and how we administer programs. The programmatic and course-level dimensions of scholarship, thus, form the micro level basis of our research objective.

This program is specifically designed for the faculty members, Researchers, PhD scholars in order to magnify their research in different field. This FDP would enable participants to develop a better manuscript of their research. This FDP will also expose the participants to the recent developments in the areas of Communication, Signal Processing, Image processing, VLSI Design etc.

Session wise Schedule

Date	Session 1	Session 2
1-8-2019	Inauguration and Keynote Speech on recent research areas	Research talk by Dr. Towheed Sultana
2-8-2019	“Art of technical writing-1:Preparation of Journal paper” by Dr. Ibrahim Sadhar	“Academic research tools and academic research network” by Dr.P.K Pradhan
3-8-2019	“Art of technical writing-2: Basics of latex” by Dr. P.K Pradhan, Bijaya Ku. Muni	“Hands on Latex: Session 1” by Bijaya Kumar Muni
4-8-2019	“Art of technical writing-2: Floating points in latex” by Dr. P.K Pradhan, BijayaKu. Muni	“Hands on latex: Session I2” by Bijaya Kumar M
5-8-2019	“Art of technical writing-3: Advance latex(Thesis, journal template, Presentation and poster)” by Dr. P.K Pradhan, Bijaya Kumar. Muni	Interaction and Discussion with pursuing PhD faculties.
6-8-2019	Difficulties and overcoming of the difficulties during PhD: By Mrs. RunaKumar, BITS Hyderabad.	Interaction and Discussion with pursuing PhD faculties and Valedictory Note

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Report

One Week Faculty Development Program (FDP)
“Pedagogical Research, Technical writing and Publication”
1st to 7th August 2019

Inaugural Speech By: Dr. Niraj Upadhyaya, Principal-JBIET

Dr. Niraj Upadhyaya welcomed all to the One Week FDP on “Pedagogical Research, Technical Writing and Publication”. He expressed ECE Department has trend of organizing FDP each year, which develops a healthy atmosphere in the department and JBIET. This type of FDP will enhance the research activity in the department and outside. The participants can use the knowledge and reflect the ideas in their research manuscript. I hope all the participants will enjoy the ECE Department FDP during this week. He said all the best and enjoy the sessions.

Dr. T Sultana, HOD-ECE welcomed all dignitaries on the dais, off the dais and faculty members. She said, one-week FDP will help faculties to learn the effective teaching methods and gives better awareness about the past and current trends in the technology. This FDP will help all the researchers to develop their research article in fascinating and attractive by various pedagogy methods. Advised to utilize this one-week time in an optimal way and be a part of it and make this FDP success. And finally, thanks to management for arranging such platform to encourage the faculties

The topics Covered are

- Art of technical writing-1: Preparation of Journal paper” by Dr. Ibrahim Sadhar
- “Academic research tools and academic research network” by Dr. P.K Pradhan
- Art of technical writing-2: Basics of latex” by Dr. P.K Pradhan, Bijaya Kumar. Muni
- Hands on Latex: Session 1” by Bijaya Kumar Muni
- “Art of technical writing-2: Floating points in latex” by Dr. P.K Pradhan, Bijaya Kumar. Muni
- “Hands on Latex: Session 2” by Bijaya Kumar Muni
- “Art of technical writing-3: Advance latex (Thesis, journal template, Presentation and Poster)” by Dr. P.K Pradhan, Bijaya Ku. Muni
- Difficulties and overcoming of the difficulties during PhD : By Mrs. Runa Kumar, BITS Hyderabad.



List of Participants

S.No	Name	Designation	Organization
1	Ms. Ayesha Mariyam	Asst. Prof	BEC, CSE
2	Mr. P. Thirapaih	Asst. Prof	BEC, ECE
3	Mr. Ch. Sravan Kumar	Asst. Prof	BEC, S&H
4	Dr. Ch. Srinivasulu	Professor	BVRIT,ECE
5	Dr. G. Sathish	Professor	BVRIT,ECE
6	Dr. P Srinivas Rao	Professor	JBLET, CSE
7	Dr. Towheed Sultana	HOD & Professor	JBLET, ECE
8	Dr. Anindya Jana	Asso. Prof.	JBLET, ECE
9	Dr. S. Ibrahim Sadhar	Professor	JBLET, ECE
10	Dr. Prasanta Pradhan	Asso. Prof.	JBLET, ECE
11	Dr. Md. Salauddin	Asso. Prof.	JBLET, ECE
12	Dr. Himanshu Sharma	Asso. Prof.	JBLET, ECE
13	Mr. Rajkumar D Bhure	Asso. Prof.	JBLET, ECE
14	Mrs. K. Sneha Latha	Asso. Prof.	JBLET, ECE
15	Mr. N. Ramesh Babu	Asso. Prof.	JBLET, ECE
16	Mr. G. Anand	Asso. Prof.	JBLET, ECE
17	Mr. V.V.V.S. Prasad	Asso. Prof.	JBLET, ECE
18	Mr. B. Kishore Kumar	Asst. Prof	JBLET, ECE
19	Mrs. G. Samatha	Asst. Prof	JBLET, ECE
20	Mrs. B. Sowmya	Asst. Prof	JBLET, ECE
21	Mr. D. Srikanth	Asst. Prof	JBLET, ECE
22	Mr. K. Rajendhar Reddy	Asst. Prof	JBLET, ECE
23	Mr. P. Ravi Kiran	Asst. Prof	JBLET, ECE
24	Mr. Somashekar Aloor	Asst. Prof	JBLET, ECE
25	Ms. N. Anupama	Asst. Prof	JBLET, ECE
26	Mr. Bijaya Kumar Muni	Asst. Prof	JBLET, ECE
27	Ms. Sumanjali	Asst. Prof	JBLET, ECE
28	Ms. Mamata Sharma	Asst. Prof	JBLET, ECE
29	Ms. E. Shilpa	Asst. Prof	JBLET, ECE
30	Dr. N. Thirupathi	Asso. Prof.	JBLET, ECM
31	Dr. Narsappa Reddy	Asso. Prof.	JBLET, ECM
32	Mrs. Huma Kausar	Asst. Prof	JBLET, ECM
33	Mr. D. Pavan Das	Asst. Prof	JBLET, ECM
34	Ms. P. Shylaja	Asst. Prof	JBLET, ECM
35	Mrs. M. Prasanna Kumari	Asst. Prof	JBLET, ECM
36	Dr. T. Rajesh	Asst. Prof	JBLET, EEE
37	Mr. Rajashekhar Gorthi	Asst. Prof	JBLET, EEE
38	Mr. A. Shiva Rama Krishna	Asst. Prof	JBLET, EEE
39	Mr. B. Chandra Singh	Asst. Prof	JBLET, EEE
40	Mr. A. Sivakumar	Asst. Prof	JBLET, EEE
41	Mr. M. Vinod Kumar	Asst. Prof	JBLET, EEE
42	Mr. P. Prabhakar Rao	Librarian	JBLET, Library
43	Dr. M. Suresh Babu	Librarian	JBLET, Library
44	Dr. Ravishankar Kalwa	Asst. Prof	JBLET, MBA
45	Dr. K. Shiva Rama Krishna	Asst. Prof	JBLET, EEE
46	Ms. B. Suma	Asso. Prof	JBREC, ECE

List of Students



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DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

Event Name: PEDAGOGICAL RESEARCH, TECHNICAL WRITING AND PUBLICATION

S.No	Roll Number	Name of the Student	Attendance
1	16671A0401	A AKHILA REDDY	P
2	16671A0402	A Keerthana	P
3	16671A0404	KONDERU RAJ KUMAR	P
4	16671A0405	Amireddy Yeshwanth Reddy	P
5	16671A0406	ANANTHULA MADHURI	
6	16671A0407	Anirudh Sharma	
7	16671A0408	CHOLLETI HARSHAVARDHAN REDDY	
8	16671A0409	BANDARU SAI SRI RAM	P
9	16671A0410	BARMA TARUN SATYA SRI PAVAN	P
10	16671A0411	C.S. Sairam Sashank	P
11	16671A0412	Ch Nikhil Reddy	P
12	16671A0413	CHANDA SAILAXMI	P
13	16671A0415	DANTULURI PANDURANGA SAI VARMA	P
14	16671A0416	DASARI SRUJAN	
15	16671A0417	G Shivani	
16	16671A0418	GAJJALA KARUNAKAR REDDY	
17	16671A0419	NIMMARAJULA SHIVA KUMAR	P
18	16671A0420	GUNDA NIKHIL REDDY	P
19	16671A0421	GURRAM SUSHMITHA	P
20	16671A0422	JAKKULA SRIHARSHA	P
21	16671A0423	JOSYULA VENKATA RAJESH	
22	16671A0424	K Nithin Reddy	
23	16671A0426	K SAI NIKHIL	
24	16671A0427	K Sandeep	P
25	16671A0429	KMVN Vamsi Krishna	P
26	16671A0430	Kolampu Praneedar Reddy	
27	16671A0431	KOLUGURI ABHINAY REDDY	P
28	16671A0433	MANKALA NITHISH KUMAR	P

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29	16671A0435	N Roshini	P
30	16671A0436	NEELA MANI KUMAR	P
31	16671A0437	P Aishwarya	
32	16671A0438	RANGA SOMESHWAR	P
33	16671A0439	KANUMURI RAJA SEKHARA VARMA	P
34	16671A0440	SAITEJA GOUD SARA	P
35	16671A0441	SAMUDRALA PRAVALIKA	
36	16671A0442	SUMANTHVAS BIJJA	
37	16671A0443	THOUDOJU SAI KUMAR	
38	16671A0444	VEDURUVADA SATISH	
39	16671A0445	VISHWA SUJIT REDDY CH	
40	16671A0446	YVP Sai Vignesh	P
41	16671A0448	N.AJAY KUMAR REDDY	P
42	16671A0449	Gante Shivani	P
43	16671A0450	ADLA VINEETHPAL REDDY	P
44	16671A0451	GEMANJYOTHI RAHUL KUMAR	P
45	16671A0452	KATKURI SUMITHKUMAR	P
46	16671A0453	NAGULA PRANAY	P
47	16671A0454	NERELLA SAICHANDRA	
48	16671A0455	P SAI HARSHITHA	P
49	16671A0456	THAKUR RITHIK SINGH	P
50	16671A0457	THAMMISHETTI SURAJ	
51	16671A0458	THOGARI VENKATESH	
52	16671A0460	PITTA NEHA	P

1	16671A0461	Basabathini Rohith Kumar	P
2	16671A0462	Bharat Chandra Reddy	P
3	16671A0463	CHALLA TARUN REDDY	
4	16671A0464	CHANKALA DIVYA SREE	
5	16671A0465	CHAPALA VARSHIT REDDY	
6	16671A0466	CHEVELLA PRADEEP KUMAR	
7	16671A0467	CHINTAM ABHILASH	P
8	16671A0468	CHINTHAKUNTA MOUNISH REDDY	P
9	16671A0469	B Mounika	P
10	16671A0470	GAJJA MAHESH KUMAR GOUD	P
11	16671A0472	KANDHIMALLA JESMITHA REDDY	P

9

12	16671A0473	REPALA ANUSHA	P
13	16671A0476	KOTHAPALLY DILIP REDDY	P
14	16671A0478	MALIPATEL RAMESH	P
15	16671A0479	MALKAGIRI VENNELA	P
16	16671A0480	MYLAVARAPU SATYA SAI MOUNICA	P
17	16671A0481	N.SAMINA (DOJ-1/10/2016)	
18	16671A0482	GEENUKUNTA SAI PRIYA	
19	16671A0483	P Santosh Chaitanya	P
20	16671A0484	PIPPARI MANISHA	P
21	16671A0485	Raihalaya Naveen	P
22	16671A0487	ROHAN KUMAR SINGH N	
23	16671A0488	S Naveen	
24	16671A0489	SAMBAIAHGARI SOUMYA	
25	16671A0490	SRIGADHA VENKAT SAI MANOJ	P
26	16671A0491	Tatikonda Sarvagna	
27	16671A0492	TUMMALA NAVYA	
28	16671A0493	VADLA SRIJA	
29	16671A0494	P.Ajay Kumar	P
30	16671A0496	K.Keerthi	
31	17675A0401	KARAMTOTH SRIKANTH	
32	17675A0402	NARRI RANADHEER	
33	17675A0403	BIRKUR SNEHITH	
34	17675A0405	GARREPALLI VENKATSAI	P
35	17675A0406	SURA DILEEP	
36	17675A0409	DHARMARAPU SUSHMITHA	P
37	17675A0410	GAJBIMKAR VAMSHIKRISHNA	P
38	17675A0411	BHADAVATH SREEKANTH	P
39	15671A0431	T. Pavan	P

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List of Volunteers:

S.No	Name	Designation	College
1	Nandu Vhoore	Student	JBET
2	N Sai Babu	Student	JBET
3	Himashree	Student	JBET
4	Supriya	Student	JBET