



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on six days short term training Program

- † **TITLE AND DURATION:** “Developing R&D Culture in Educational Institutes through Project Based Learning” from Dec 14-19, 2020.
- † **SUPPORTERS:** AICTE Quality Improvement Scheme.
- † **ORGANIZERS:** Electrical Engineering Department, Poornima College of Engineering, Jaipur.
- † **BROCHURE / POSTER / LEAFLET / FLYER:**

Six Days Short Term Training Programme (STTP) under AICTE-AQIS
on
Developing R&D Culture in Educational Institutes
through Project Based Learning

December 14-19, 2020

Department of Electrical Engineering, Poornima College of Engineering, Jaipur
Cordially invite you to Inaugural Session

Resource Persons

 Col. B Venkat Director (Faculty Development) AICTE, New Delhi, Chief Guest	 Dr. D. P. Kothari Former Director IIT Delhi Guest of Honor	 Dr. Mahesh M. Bundeale Director & Principal PCE, Jaipur	 Ar. Rahul Singh Director Poornima Group, Jaipur	 Mr. Pankaj Dhemla Vice Principal PCE, Jaipur
 Prof. (Dr.) Bhim Singh IIT Delhi	 Prof. (Dr.) Mahendra Pal Sharma IIT Roorkee	 Prof. (Dr.) Subrat Kar IIT Delhi	 Prof. (Dr.) Nishchal K. Verma IIT Kanpur	 Prof. (Dr.) J.N. Singh IIT Kanpur
 Prof. (Dr.) R.P. Saini IIT Roorkee	 Dr. Tapan Kumar Gandhi Asso. Prof., IIT Delhi	 Prof. (Dr.) Ramesh Bansal University of Sharjah	 Prof. (Dr.) M. Hanmandlu IIT Delhi	 Prof. (Dr.) Anand Goyal Former VC, APS Shriya University
 Prof. (Dr.) Gagandeep Kaur Thapar Institute, Patiala	 Prof. (Dr.) Jagdish Chand Bansal South Asian University, New Delhi	 Prof. (Dr.) Ajay Kumar Bansal Central University Haryana	 Prof. (Dr.) Arun Kumar Verma MNT Jaipur	 Prof. (Dr.) Arun Dwivedi Sandip University, Nashik
 Dr. Virendra Sanghani HOD, EE, PCE	Monday, December 14, 2020, • Time: 9.30 am onward			 Dr. Himani Goyal Sharma Professor, EE, PCE

To join the Inaugural Session on

zoom **YouTube**
LIVESTREAM

Dr. Mahesh Bundeale
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, FIICO Institutional Area
Stapura, JAIPUR

Six Days Short Term Training Programme (STTP) under AICTE-AQIS on Developing R&D culture in Educational Institutes through Project Based learning
December 14-19, 2020

REGISTRATION FORM

Name:
Designation:
Department:
Institute:
Institute Address:
.....
Mobile No. :
E-mail:

Declaration of the Candidate

I declare that the details furnished are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of the AICTE sponsored programme

Place: Signature of Participant

Sponsorship Certificate

Mr/Ms/Dr..... is an employee of our Institute and is hereby sponsored by us. He / She will be permitted to attend the course if selected.

Seal & Signature of Director / Principal

REGISTRATION AND FEE PARTICULARS

- There is no registration fee.
- The STTP is open to all faculties and research scholars from Universities/AICTE approved institutions.
- Registration for the program may be done by filling the registration form online via: <https://tinyurl.com/y2m3u2b>
- Join WhatsApp Group: <https://tinyurl.com/y5toej5o>
- All the sessions will be conducted online only.
- After completion of the program, test will be conducted.
- E-certificates will be issued to those participants who have minimum 80% attended the program and 60% marks in test.

RESOURCE PERSONS

The resource persons will be from reputed institutions and industries in the area of manufacturing such as IITs, IIITs, NITs, and other premier institutes.

IMPORTANT DATES

Last date for Registration: December 12, 2020
Intimation of selection by mail: December 13, 2020
FDP duration: December 14-19, 2020

CORRESPONDENCE

Dr. Himani Goyal Sharma

Professor, Department of Electrical Engineering

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✉ : himani.goyal@poornima.org



POORNIMA
COLLEGE OF ENGINEERING

ISI-6, RIICO Institutional Area, Sitapura, Jaipur

www.pce.poornima.org

Six Days Short Term Training Programme (STTP) under AICTE-AQIS on Developing R&D Culture in Educational Institutes through Project Based Learning
December 14-19, 2020



Sponsored by



All India Council for Technical Education Under AICTE Quality Improvement Schemes (AQIS)

Organized by

Department of Electrical Engineering



POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NBA

POORNIMA COLLEGE OF ENGINEERING

Poornima College of Engineering (PCE), established as a brand of Technical Education in the year 2000, has its own glorious legacy of leading the young engineers to the mammoth sky of success. Its accomplishments forecast its journey through the hardships and its triumph over them one after another. PCE left no stone unturned since its establishment in turning the glorious vision into unbelievable reality providing the platform for knowledge and research and their practical implementations in different engineering professional prospects. Glorious glimpses of PCE:

- Highly recognized and renowned affiliated technical institution all over Rajasthan with built up area more than 3.5 lacs square feet
- Affiliated to RTU, Kota & approved by AICTE, New Delhi
- The most preferred NBA Accredited Engineering College with running of six specializations of Engineering at UG Level (CSE, ECE, EE, ME, IT, CIV) and two at PG level (CS & VLSI)
- The only institution permitted by RTU to admit FN/PIO/Gulf students & designated as centre of excellence by IBM
- An excellent institution building its rapport in all sectors of education, research and development

ABOUT THE DEPARTMENT

The Journey of Department of Electrical Engineering was started in year 2000 with Poornima College of Engineering, Jaipur. The department has its major share in the entire PF with the total intake of more than 600 students. We are providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. The department has organized various workshops, seminars, expert lectures in this session i.e. workshop on PLC SCADA, MATLAB, Renewable Energy, Industrial Automation, etc. The department has been taking initiatives for versatile enhancement of the students through technical, cultural and sports fests since the establishment. Most of our final year students have been placed in Infosys, Capgemini India Ltd., FACE, Gram Power, Adani Power, KSTPS, Pinnacle Infotech solutions, etc.

ABOUT THE PROGRAM

An intensive six days short term-training programme is being organized for faculty of technical institutions. It is also open to persons from industry and researchers of Indian organizations. The objective is to provide an exposure to the participants to the "Developing a Research and Development culture in Educational Institutes through Project Based Learning" through interaction with experts from premier institutions like IITs, NITs and Industry professionals.

OBJECTIVES OF STTP

The objective of this course to impart skill based education Culture in the Institutes amongst the students as well as the Faculty members so that conceptual based understanding can be enhanced. This will form the basis for higher education too amongst Faculty and students.

Expected Outcome of the STTP course:

- This STTP Program will open new paths for our students and faculty to investigate innovative ways to assess the emerging trends in Technology in dynamic and collaborative setting.
- Organizing such programs is an essential step to achieve new targets & make a mark in the Technological Research at a Global level.
- This STTP Program will show higher horizons in the field of Research

Course Modules

- Innovative Teaching Methodology for Effective Learning
- Challenges in developing Research culture in the Institutes
- Road-Map for Research culture development.
- Alignment of Bloom's Taxonomy for Effective Outcome Based Education.
- Alignment of Assessment with Course Outcomes.

Abstract

One Week STTP Programme shall be organized for more than 100 participants from different Engineering and diploma colleges across India & Abroad. Eminent personalities across the country shall grace the sessions by their auspicious presence and deliver their lectures on Latest Technological enhancements taking place across the world as well as how to imbibe research and Development culture amongst the students through projects. These members have been contributing significantly to the improvement of the quality of engineering education. The major focus of the STTP will be on inculcating research and development culture through conceptual based understanding. This shall also be an added advantage to people from industry.

PATRON

Dr. Mahesh Bundeale

Principal & Director

Poornima College of Engineering, Jaipur

ADVISORS

Mr. Pankaj Dhemla
Vice Principal, PCE, Jaipur

Dr. Rekha Nair
Dean, First Year, PCE, Jaipur

Mr. Devendra Somwanshi
Registrar, PCE, Jaipur

CONVENOR

Dr. Virendra Sangtani
HoD EE, PCE, Jaipur

CO-CONVENOR & STTP COORDINATOR

Dr Himani Goyal Sharma

Professor, Department of Electrical Engineering PCE, Jaipur

PCE ORGANIZING COMMITTEE

Mr. Pankaj Dhemla	Vice-Principal, PCE
Dr. Rekha Nair	Dean, I Year, PCE
Dr Pravin Sonwane	Professor, PCE
Mr. Asif Iqbal	Assistant Professor, PCE
Dr. Amit Shrivastava	Professor, PCE
Dr. Babita Jain	Professor, PCE
Dr. Deepika Chauhan	Professor, PCE
Dr. Neeraj Tiwari	Professor, PCE
Dr. Sunil Gupta	Professor, PCE
Dr. Ranjeet Kumar	Associate Professor, PCE
Dr. Vijay Kumar Gale	Associate Professor, PCE
Dr. Gaurav Jain	Assistant Professor, PCE
Mr. Brijraj Singh Solanki	Associate Professor, PCE
Ms. Ekata Sharma	Associate Professor, PCE
Mohammad Asif Iqbal	Associate Professor, PCE
Mr. Gaurav Srivastava	Assistant Professor, PCE
Mr. Mahesh Kumar Meena	Assistant Professor, PCE
Mr. Mayank Sharma	Assistant Professor, PCE
Mr. Pankaj Gakhar	Assistant Professor, PCE



Dr. Mahesh Bundeale
B.E., M.E., Ph.D.

Director

Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

PROGRAM SCHEDULE:

S. No	Activity	Duration	Time
1.	Welcome of Dignitaries and Introduction of STTP by Dr. Himani Goyal Sharma , STTP Coordinator, EE, PCE Col. B. Venkat , Director (Faculty Development) AICTE, New Delhi (Chief Guest) Prof. (Dr.) D.P. Kothari , Chairman, Board of Governors, THDC Institute of Hydropower Engineering and Technology, Tehri, Uttarakhand (Guest of Honour) Dr. Mahesh Bundeale , Director & Principal, Poornima College of Engineering, Jaipur Mr. Pankaj Dhemla, Vice-Principal, PCE Ar. Rahul Singhi, Director, Poornima Group Dr. Virender Sangtani, HOD EE PCE	3 Min	09:30 AM-09:33 AM
2.	Welcome address by Dr. Mahesh Bundeale , Director & Principal, PCE	05 Min	09:33 AM-09:38 AM
3.	Motivational Words by Ar. Rahul Singhi , Director, Poornima Group	05 Min	09:38 AM-09:43 AM
4.	Address by Guest of Honor Prof. D.P. Kothari , Chairman, Board of Governors, THDC Institute of Hydropower Engineering and Technology, Tehri, Uttarakhand	10 Min	09:43 AM-09:53 AM
5.	Inaugural Address by Col. B. Venkat , Director (Faculty Development) AICTE, New Delhi (Chief Guest)	10 Min	09:53 AM-10:03 AM
6.	Vote of Thanks by Dr. Virender Sangtani , HOD EE PCE	02 Min	10:03 AM-10:05 AM

 Poornima College of Engineering 			
ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)			
Approved by AICTE & Affiliated to Rajasthan Technical University, Kota, Rajasthan			
Accredited by National Board of Accreditation, Delhi, India			
Department of Electrical Engineering			
AICTE AQIS sponsored STTP on "Developing R&D Culture in Educational Institutes Through Project Based learning (Phase II)" December 14-19, 2020			
Chief Guest: Col. B. Venkat (Director, AICTE) & Guest of Honor: Prof. D. P. Kothari, Ex Director, IIT, Delhi			
Day & Date	10:00 am - 11:30 am	11:45 am - 01:15 am	02:00 pm - 3:30 pm
	SESSION-1	SESSION-2	SESSION-3
Monday, December 14, 2020	National Innovation and Startup Policy (NISIP) and its Importance for an Academic Institute Dr. Arun Kumar Verma Associate Professor Department of Electrical Engineering MNIT, Jaipur	Experiment and Numerical Analysis of Tribology Behavior of Wind Blade Application Dr. Amar Patnaik Associate Professor Department of Mechanical Engineering MNIT, Jaipur	Academic Research Ethics & Technical Writing Dr. Ramesh Bansal Professor Department of Electrical Engineering University of Sharjah, Dubai
Tuesday, December 15, 2020	AICTE-AQIS Financially Funded Schemes to Improve Quality in Technical Education Col. B. Venkat Director (Faculty Development Cell) AICTE, New Delhi	Road-Map for Research Culture Development Dr. Nishchal K. Verma Professor Department of Electrical Engineering IIT, Kanpur	Research-Based Teaching & Learning Dr. Arun Dwivedi Professor Department of Electrical Engineering Sandip University, Nashik
Wednesday, December 16, 2020	Methodologies for User Identification Using Keystroke dynamics Dr. M. Hanmandlu Professor Department of Electrical Engineering IIT, Delhi	Road-Map for Research Culture Development Prof. Y. N. Singh Professor Department of Electrical Engineering IIT, Kanpur	Problem Based Learning in Research and Teaching Environment Dr. Gagandeep Kaur Associate Professor Electrical and Instrumentation Engineering Department, Thapar Institute of Engineering & Technology, Patiala
Thursday, December 17, 2020	To Speed Up Transformation of India into a Developed Country Through Creation of Smart Infrastructure by Using Research and Development Dr. A. S. Goyal Professor Ex-Vice Chancellor APG Shimla University, Shimla	Challenges in Developing Research Culture in the Institutes Prof. Subrat Kar Professor Department of Electrical Engineering IIT, Delhi	Development of R&D Culture through Renewable Energy Project Dr. R. P. Saini Professor, Department of Hydro and Energy Centre IIT, Roorkee
Friday, December 18, 2020	Role of Research in Achieving Outcome Based Education Dr. Ajay Bansal Associate Professor Central University Haryana, Mahendergarh	Art and Science of Teaching and Research in Engineering Dr. D. P. Kothari Professor Ex. Director IIT, Delhi	Road-Map for Research Culture Development Dr. M.P. Sharma Professor Department of Hydro and Renewable Energy (HRED) IIT, Roorkee
Saturday, December 19, 2020	Ethics in Technical Publishing Dr. Jagdish Chand Bansal Associate Professor South Asian University, New Delhi, India	Understanding the First Step of Groundbreaking Research and Development Dr. Tapan K. Gandhi Associate Professor Department of Electrical Engineering IIT, Delhi	Research Methodology, Professional Ethics, Technical Writing and Plagiarism Prof. Bhim Singh Professor Department of Electrical Engineering IIT, Delhi
	Valedictory:- 3:30 pm onwards Chief Guest: Prof. Bhim Singh Professor Department of Electrical Engineering IIT, Delhi		

GLIMPSES OF THE SESSION:

The Department of Electrical Engineering, Poornima College of Engineering, Jaipur organized a six days STTP, sponsored by AICTE on “Developing R&D Culture in Educational Institutes through Project Based Learning” December 14-19, 2020.

The objective of this course to impart skill based education culture in the institutes amongst the students as well as the faculty members so that conceptual based understanding can be enhanced. This has formed the basis for higher education too amongst faculty and students.

Course Modules

- ☐ Innovative Teaching Methodology for Effective Learning


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
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 Sitapura, JAIPUR

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- ☐ Challenges in Developing Research Culture in the Institutes
- ☐ Road-Map for Research Culuture Development
- ☐ Alignment of Bloom's Taxonomy for Effective Outcome Based Education
- ☐ Alignment of Assessment with Course Outcomes

Inaugural session witnessed the presence of (Chief Guest) Col. B. Venkat, Director (Faculty Development) AICTE, New Delhi, (Guest of Honour) Prof. (Dr.) D.P. Kothari, Chairman, Board of

Governors, THDC Institute of Hydropower Engineering and Technology, Tehri, Uttarakhand, Dr. Mahesh Bundeale, Director & Principal, Poornima College of Engineering, Er. Pankaj Dhemia, Vice Principal, PCE, Jaipur, Ar. Rahul Singhi, Director, Poornima Group, Dr. Virendra Sangtani (HOD, EE& Dr.Himani Goyal Sharma, Professor, EE, coordinators of STTP, PCE, participants along with the faculty members. Dr. Himani Goyal Sharma, Professor, EE addressed the participants about the workshop & its area of learning and its content.



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OBJECTIVES

- ❖ This policy has been framed to involve faculty and students in innovation and Entrepreneurship related activities.
- ❖ Framed by MHRD to bring an uniformity among all HEIs on IPR, technology, licensing, etc.,
- ❖ The committee for the policy was formed with Chairman of the committee, Prof. Ashok Junjunwala, IIT madras, also 13 members from reputed institutions and an invitee.
- ❖ Policy drafting and implementation team has Mr. Dipan Sahu, Executive consultant MHRD and Pooja Rewat, Innovation officer.

Dr. Mahesh Bunde
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Poornima College of Engineering - Activity Report - 2020-21

Zoom Webinar interface showing a presentation slide titled "Support process". The slide illustrates a process flow from "Mind" to "Market" through three stages: "Identify", "Develop", and "Promote".

Support process

Identify

- Knowledge
- Ideas
- Innovations

Develop

- IPR
- Prototype
- Product
- Start-up

Promote

- Brand Building
- Success Stories
- Linkages
- Change Agents
- Benefit to Innovators

Support

- Financial
- Technical
- Strategic
- Managerial
- Moral & Other

Providing Mind to Market Support through

The Zoom interface shows participants: Dr Himani Goyal, Dr. Mahesh M B..., Mr Pankaj Dhe..., and Shivraj Singh. The chat area displays the webinar URL: <https://tinyurl.com/y53t9z6>.

Zoom Webinar interface showing a video call with Dr. Jagpal Singh... and Shivraj Singh Rajawat. The Poornima Group logo is visible, featuring a gear and the text "POORNIMA GROUP Estd. 2000".

Participants: Col. B. Venkat, Chief guest; Dr Himani Goyal Sharma, Professor EE, PCE, STTP Coordinator.

Dr Jagpal Singh...

Shivraj Singh Rajawat: Unmute My Audio (Alt+A). Or you can simply press and hold the space bar to temporarily unmute.

The Zoom interface shows participants: Dr. Himani Goyal, Dr. Mahesh M B..., Mr Pankaj Dhe..., and Shivraj Singh. The chat area displays the webinar URL: <https://tinyurl.com/y53t9z6>.

Dr. Mahesh Bunde
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Poornima College of Engineering - Activity Report - 2020-21

A screenshot of a Zoom Webinar interface. The main window displays two video feeds: on the left, Col. B. Venkat, Chief guest; on the right, Dr. Himani Goyal Sharma, Professor EE, PCE, STP Coordinator. Below the feeds is a large logo for POORNIMA GROUP, featuring a stylized sun and the text 'Estd. 2000'. To the right of the logo, the text 'Dr Jagpal Singh...' is visible. The right sidebar shows a list of participants (35) including Dr. Himani Goyal S... (Co-host, me), Shivraj Singh Rajawat (Host), Col. B. Venkat, Chief guest, and Dr. Jagpal Singh Ubhi, Professor, ... The bottom status bar shows the time as 10:16 AM on 12/15/2020.

A screenshot of a Zoom Webinar interface. The main window displays a presentation slide titled 'Paving the Way to 5G' by Dr. Jagpal Singh Ubhi, Professor, Deptt. of Electronics & Comm. Engg., SLJET, Longowal, Distt. Sangrur. The slide also includes a logo and the email address js_ubhi@yahoo.com. To the right of the slide is a video feed of Dr. Jagpal Singh Ubhi, Professor, ECE, SLJET, Longowal. The right sidebar shows a list of participants (31) including Dr. Himani Goyal S... (Co-host, me), Shivraj Singh Rajawat (Host), Dr. Jagpal Singh Ubhi, Profes..., and Dr. Mahesh M Bunde, Director, ... The bottom status bar shows the time as 1:42 PM on 12/15/2020.


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Poornima College of Engineering - Activity Report - 2020-21

Zoom Webinar interface showing a presentation titled "Major Challenges (contd.)". The presentation content includes:

Major Challenges (contd.)

The evidence of the past 55 years supports the conclusion Moore reached in 1965.

Moore's Law – The number of transistors on integrated circuit chips (1971-2018)

Moore's law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important as other aspects of technological progress – such as processing speed or the price of electronic products – are linked to Moore's law.

Participants (29):

- Panelists (4):
- Attendees (25):

Chat:

Feedback link: <https://forms.gle/16QhTVsh9zCz8P67>

Attendance link: https://docs.google.com/spreadsheets/d/1ctc6p3NGBPaBy1HG35Ad_MoiPlak4_VEX1IsebhSCg/edit?usp=sharing

Feedback link: <https://forms.gle/16QhTVsh9zCz8P67>

Microsoft PowerPoint presentation titled "Roadmap For Research Culture Development".

Roadmap For Research Culture Development

Dr. D. P. Kothari

FELLOW-INAE, FELLOW-INASC, FELLOW-IEEE, HON. FELLOW, ISTE, FIE (INDIA), FELLOW-IETE

CHAIRMAN, BOARD OF GOVERNORS, THDC INSTITUTE OF HYDROPOWER ENGINEERING AND TECHNOLOGY, TEHRU, UTTARAKHAND

DIRECTOR RESEARCH & PROFESSOR, S B JAIN INSTITUTE OF MANAGEMENT, RESEARCH & TECHNOLOGY, NAGPUR PH - 91 7972723202

Dr. P. Kothari

Writing papers : As a skill

- Many papers are badly written
- Good writing is a skill you can learn
- It's a skill that is worth learning:**
 - You will get more papers accepted
 - Your ideas will have more impact
 - You will have better ideas


Increasing importance ↓

Dr. Mahesh Bundele


Why we write papers ?

- to impress others,
- gain recognition, and
- get promoted ?

Good papers and talks are a fundamental part of research excellence



Autonomous Vehicle

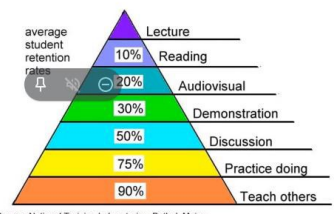


We're teaching our cars to see, because mom can't be everywhere.

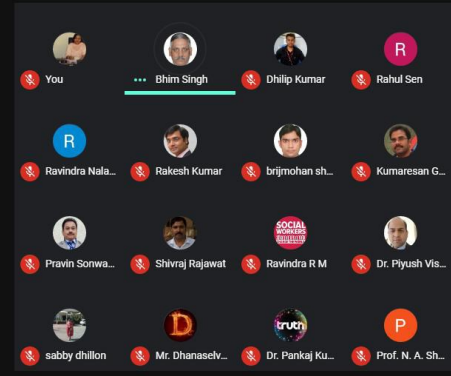
DAIMLERCHRYSLER



LEARNING RETENTION RATE



Source: National Training Laboratories, Bethel, Maine



FEEDBACK FORMS:

AICTE-AQIS Sponsored Online Short Term Training Program (STTP) on “Developing R&D culture in Educational Institutes through Project Based learning” from December 14- 19-24, 2020

QUIZ

Email *

Valid email

This form is collecting emails. [Change settings](#)

Email address

Short answer text

Name (in BLOCK LETTERS)

Short answer text

11% 01% 34°C

Name (in BLOCK LETTERS)

Short answer text

Designation

Short answer text

Department

Short answer text

College/Organization

Short answer text

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, FIICO Institutional Area
Shalpur, JAIPUR

Mobile Number

Short answer text

Whether the participant Institution is approved by AICTE? *

☐ Option 1

...

Whether the participant Institution is approved by AICTE? *

☐ Option 1

Ethics is the set of principles and guidelines that help us to uphold the things we value? *

☐ a) True

☐ b) False

Which of the following is necessary for obtaining informed consent? *

- ☐ a) A description of the statistical analyses that will be carried out
- ☐ b) A description of the purpose of the research
- ☐ c) A description of the reliability and validity of test instruments
- ☐ d) A list of publications that the researcher has had in the last ten years

...

Which of the following need(s) to be obtained when doing research with children? *

- ☐ Informed consent from the parent or guardian
- ☐ Assent from the child if he or she is capable
- ☐ Informed consent from the child
- ☐ Both a and b

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...

Which of the following is right about the use of deception in research? *

☐ a) It should never be used

☐ b) It can be used anytime

☐ c) If there is deception in a study, the participants may need to be debriefed

☐ d) The use of deception must be outweighed by other benefits of the study

☐ e) Both c and d are true

...

Which of the following generally cannot be done in qualitative studies conducted in the field? *

☐ a) Getting informed consent

☐ b) Keeping participants from physical harm

☐ c) Maintaining consent forms

☐ d) Having full anonymity rather than just confidentiality

Questions Responses 51 Total points: 3'

...

Which of the following is not an ethical guideline for conducting research with humans? *

☐ a) Getting informed consent of the participant

☐ b) Telling participants they must continue until the study has been completed

☐ c) Keeping participants' identity anonymous

☐ d) Telling participants they are free to withdraw at any time

...

_____ means that the participant's identity, although known to the researcher, is not revealed *
to anyone outside of the researcher and his or her staff?

☐ a) Anonymity

☐ b) Confidentiality

...

_____ means that the participant's identity, although known to the researcher, is not revealed *
to anyone outside of the researcher and his or her staff?

☐ a) Anonymity

SAMPLE CERTIFICATE:



LIST OF PARTICIPANTS:

S. No	Name (in BLOCK LETTERS)	College/Organization
1	Atul Barve	Oriental Institute of Science and Technology Bhopal
2	BOPPURU RUDRA PRATHAP	Christ(Deemed to be University)
3	MAKARAND UPADHYAYA	University of Bahrain
4	HARSHAVARDHAN VIJAY KULKARNI	Acharya Institute of Technology Bengaluru
5	Dr.Geetha.K.	Dr.M.G.R. Educational and Research Institute
6	MADHAV SHARMA	VIT
7	Dr P RIZWAN AHMED	Mazharul Uloom College Ambur
8	sandeep kumar	Shreenathji institute of technology Nathdwara
9	KANIMOZHI S	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
10	POOJA M K	Govt college for women's (autonomous) mandya
11	DR. AFZAL HUSSAIN	MANIT BHOPAL
12	SOURABH JAIN	Anand International College of Engineering
13	MANKESHVA SAINI	Government Engineering College Jhalawar
14	Mr. ASHFAQ HUSSAIN	RAJASTHAN TECHNICAL UNIVERSITY, KOTA
15	Shilpa Sree R	Vijayanagara Sri Krishnadevaraya University. Ballari
16	GURUNANDAN P.H	Sri Siddhartha Institute Of technology
17	Sathishkumar K	RVS Technical Campus Coimbatore
18	MR.M.SARAVANAN	AMET UNIVERSITY
19	SARITA AGARWAL	Govt Women Polytechnic College Gandhi Nagar Jaipur
20	SHOBHA T	The Oxford College of Engineering
21	Nishi	Sharda University

Dr. Mahesh Bunde
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Poornima College of Engineering - Activity Report - 2020-21

22	Dr Mohammed Abid Ali	PSCMR College of Engg&Tech
23	PANKAJ BHAMBRI	Guru Nanak Dev Engineering College Ludhiana
24	SACHIN PRABHAKAR BADGUJAR	R. C. Patel Institute of Technology Shirpur
25	DR. MADHURI MULAY	A.P. Shah institute of technology, Thane
26	JYOTHY G VIJAYAN	M. S ramaiah university of applied sciences
27	MANOHARAN	RVS technical campus, coimbatore
28	Dr.Uma Raman.M	St.Peter's Institute of Higher Education and Research
29	Dr. A. DEVENDRAN	Dr. M. G. R. Educational and Research Institute
30	Dr. Mamoj Kumar Gupta	Chandigarh Engineering College Mohali
31	Dr.G.S.JAYESH	Government Arts and Science College
32	Dr.R.Ramarajan	Thiruthangal nadar college
33	DEEKSHITH KUMAR	Government First Grade College Bettampady
34	AMIT KUMAR	JNV Shimla, NVS, Ministry of Education, Govt of India
35	Dr. Naveen Kumar Sharma	Engineering College Bikaner
36	P.NIRUPAMA	Vemu Institute Of Technology
37	Tarun Kumar Prajapat	Engineering college bikaner
38	ANIL KUMAR CHINTA	DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY
39	HARSHIT LOHAR	POORNIMA COLLEGE OF ENGINEERING
40	JONNALA SUBBA REDDY	Lakireddy Bali Reddy College of Engineering, Mylavaram
41	Nasim Khan	MEWAT Engineering College
42	SUGUMARI VALLINAYAGAM	KARPAGA VINAYAGA COLLEGE OF ENGINEERING AND TECHNOLOGY
43	SNEHLATA MISHRA	SAGE University, Indore
44	SANJEEV JAIN	Engineering College Bikaner
45	Rachana Raghuwanshi	Sage University
46	ANURAG KAR	Jis school of polytechnic
47	Hemant Kumar Gupta	SAGE University Indore
48	DR. MOTI LAL RINAWA	Government Engineering College Jhalawar Rajasthan
49	Ms Sultana	Mewat Engineering College
50	DR. GAURAV BISSA	Govt. Engineering College Bikaner
51	Dr.MANIKANDAN J	Sri Sairam Engineering College
52	G. RAJESH BABU	Nanjil Catholic College of arts and science
53	Mubeen Ahmed khan	SIRT, SAGE University
54	Er. SHARATH K N	BHARAT ELECTRONICS LIMITED
55	Sriilalit narayana Chintalapati	METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY
56	Dr.S.Vinoth Kumar	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
57	KARTAR SINGH	T.R Abhilashi Memorial Institute of Engineering & Technology, Tanda
58	A.ARUN KUMAR	MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY
59	DR K KAVITA	Bvrithyderabad College Of Engineering For Women
60	Dr Deepa s	Kingston engineering college
61	RAMESH N	Adhiparasakthi college of Engineering
62	M.N.P.TEJESWARI	S.P.W.POLYTEHNIC T.T.D TIRUPATHI
63	RAMASHIS BANERJEE	NIT Silchar
64	Dr.VIJI S	NA
65	Dr S Srinivasulu Raju	Velagapudi Ramakrishna Siddhartha Engineering College
66	DR. S. RAJESH KUMAR	Kongunadu arts and science College
67	Dr. AKHILESH CHANDRA	PS MAKHDOOMPUR KHUP
68	Suresh Penagaluru	Sv college of engineering, Tirupati


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69	Dr. Anupama	Govt. Girls College, Jhunjhunu
70	KULDEEPAK	Rayat Bahra institute of Engineering and Nano Technology Hoshiarpur
71	ATI JAIN	Sage University
72	C.HEMA	B.S.Abdur Rahman Crescent Institute of Science and Technology
73	JAIPAL DHOBAL	IBS
74	SWAPNIL M PARIKH	Babaria Institute of Technology
75	PAMARTHY CHENNARAO	Sri Sarathi institute of engineering and technology
76	PRAKASH C	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY
77	Dr. Nirbhay Chaubey	Ganpat University
78	Mr.C.NATESAMURTHI	Bharathidasan Engineering College, Nattrampalli, Tirupattur Dt.
79	Dr A p Chandra rao	St Ann's college of engineering and technology
80	K.SRIVIDHYA	Sri Venkateswara college of Engineering
81	SUSHANTA KUMAR PRADHAN	Radhakrishna Institute of Technology and Engineering, Bhubaneswar
82	H. JOSEPH PRABHAKAR WILLIAMS	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD - 501510, TELANGANA STATE
83	KALYANI TIWARI	SAGE university
84	N.SRIDHAR	Madanapalli Institute of Technology and Science
85	Ajay Parikh	Gujarat Vidyapith
86	K. RAJ THILAK	SRI ESHWAR COLLEGE OF ENGINEERING
87	Dr. S. SADHIK	Achary Nagarjuna University
88	SYLVESTER A. A SOWA	FAITH COMMUNITY NURSING TRAINING INSTITUTE
89	PANKAJ BEHERA	GOVERNMENT COLLEGE OF ENGINEERING KALAHANDI, BHAWANIPATNA
90	RAJA PAGALAVAN B	P.T.Lee Chengalvaraya Naicker College of Engineering and Technology
91	DR D VIJAY KUMAR	Aditya Institute of Techonolgy and Management
92	Chintala Venkatesh	Mohamed Sathak A J College of Engineering, Chennai
93	MATHU KRITHIGHA L	KUMARARANI MEENA MUTHIAH COLLEGE
94	Dr. Sumathi M.R.	SRI KANYAKA PARAMESWARI ARTS & SCIENCE COLLEGE FOR WOMEN
95	Mafidur Rahman	Jorhat Engineering college
96	Swetha K B	RRIT
97	B.SURESH ASHWIN KUMAR	KIT-KALAI GN RKARUNANIDHI INSTITUTE OF TECHNOLOGY
98	DR.J.VENUGOPAL	KNR COLLEGE OF ENGINEERING AND RESEARCH BRILLIANT GROUP JNTU HYDERABAD
99	SAVITHRI T B	R R college of pharmacy
100	PREMSAGAR H	R R Institute of Technology
101	SUNANDA C V	RRIT
102	Dr.G.NIRMALA	Sri Kanyaka Parameswari Arts and Science College for Women
103	SANTHIYA. S	SRI KANYAGA PARAMESWARI ARTS AND SCIENCE COLLEGE FOR WOMEN
104	Dr. Sanjeev Kumar Sharma	Mewar University Chittorgarh Rajasthan
105	SOWMIYA S	Sri kanyaka parameswari arts and science college for womens
106	RAVISURAJ SHASHIKANT	A G Patil Institute of Technology, Solapur


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	WALE	
107	Mrs MERLIN K RAJU	Manjunatha college of Nursing (RR institutions)
108	Veeresh Babu M	RR institutions
109	KALYANI RAMESH MAMDYAL	A. G. Patil Institute of Technology
110	SYED NIZAMUDDIN	RR COLLEGE OF PHARMACY
111	Charvi Hatwal	Delhi pharmaceutical sciences and research university
112	RUPESH BABASO FONDE	Nanasaheb Mahadik College of Engineering,Peth
113	MAHESH PRAKASH KUMBHARE	Anantrao Pawar College of Engineering and Research Pune
114	SATHIYAPRIYA.M	Adhiparasakthi Engineering college
115	PRAJNA	RR Institutions, Chikkabanavara
116	Dr. S. RAJESHKUMAR	Kongunadu Arts and Science College
117	KRISHNA NAND RASTOGI	The Maharaja Sayajirao University of Baroda
118	MOULINATHAN T	KONGU ENGINEERING COLLEGE
119	Dr. A. Sudha Ramkumar	Sri Kanyaka Parameswari Arts and Science College for Women
120	Dr. Sudershan B Gadwal	A. G. Patil Institute of Technology
121	Achole pandurang bapurao	Azad Mahavidyalaya Ausa Dist lature
122	VEDULA . PADMAVATHI	A. Patil Institute of Technology
123	RAMIREDDY DEVARAPALLI	Mahatma Gandhi Law College, O.U, Hyderabad.
124	R. KIRANMAYI	JNTUA CEA
125	HARIPRASAD S	Government First Grade College, Bettampady
126	PRADEEP KUMAR MISHRA	Oriental Institute of Science and Technology, Bhopal
127	Ushasree R	The oxford college of engineering
128	SHALINI AGRAWAL	Birla Institute of Technology MESRA
129	Dr.SUMA SREEDHAR	AP Shah Institute of Technology
130	Dr. KUMAR GANESAN	University of Hong Kong
131	DEVENDER KUMAR DHAKED	RAJASTHAN COLLEGE OF ENGINEERING FOR WOMEN
132	DR. DEEPALI UBALE	PES Modern College of Engineering, MBA dept
133	RAJENDR DINKAR PATIL	SES R C Patel Institute of Technology Shirpur
134	Kishalay Raj	BIRLA INSTITUTE OF TECHNOLOGY MESRA RANCHI
135	PRAVEEN GUPTA	Poornima Institute of Engineering and Technology
136	SHIVANI SHARMA	Poornima university
137	AMRESH KUMAR SARAFF	Samrat Ashok technologycal Institute, Vidisha
138	SELVAKUMAR.G	AUTISAM AND BEYOND
139	Dr. G. SHARMILA BANU	N. K. R. Government Arts College For Women Namakkal
140	Dr. Datrika Venkata Madhusudan Rao	Jain University
141	RAVINDRA D NALAWADE	AISSMS COE PUNE
142	SATYAJIT DESHMUKH	LoGMIEER, Nashik
143	VIVEK ARYA	FET, Gurukul Kangri (Deemed to be University) Haridwar
144	PANKAJ KUMAR MEHTA	SANGAM UNIVERSITY
145	ASHISH KASHYAP	Deshbandhu college, University of Delhi
146	Dr.Viswanathan Palanisamy	Sri Ramakrishna Mission Vidyalaya College Of Arts And Science
147	KAPIL PANDYA	RK UNIVERSITY
148	AVINASH MARWAL	Mohanlal Sukhadia University
149	MONIKA THAKUR	Rayat Bahra Institute of Engineering and Nanotechnology
150	DR. K.KALAIARASI	Cauverycollege for women autonomous


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151	DR KIRAN SREE POKKULURI	SVECW
152	SUNIL KUMAR	Shri Bhawani Niketan Institute of Technology & Management
153	M.PRIYADARSHINI	Sri kanyaka parameshwari arts and science college for women
154	Dr. SANTHOSH N	MVJ COLLEGE OF ENGINEERING
155	PALLAVI PUSHP	IET, Bundelkhand University, Jhansi, UP
156	CHETAN JAIPRAKASH CHITTE	R. C. Patel Institute of Technology, Shirpur-425405, Dist. Dhule, Maharashtra India
157	BHAWNA SAHJWANI	Sant Hirdaram Institute of Management
158	Dr.V.Sudha	Sri Kanyaka Parameswari Arts and Science College for Women
159	Dr.C.VIJAI	st.peters institute of Higher Education and Research
160	SONAL CHAUDHARY	Banasthali vidyapith
161	S.KANNADHASAN	CHERAN COLLEGE OF ENGINEERING
162	Dr. KALI CHARAN RATH	GIET UNIVERSITY,GUNUPUR,ODISHA
163	SATISH OMPRAKASH RATHI	Shree Ramchandra College of Engineering Lonikand Pune
164	POORNIMA. E	Sri kanyaka Parameswari Arts and science College for women
165	Dr. Gaurav Jain	Poornima College of Engineering Jaipur
166	PALLAVI S.CHAKOLE	Yeshwantrao chavan college of engineering
167	YAKUB HAMID KHAN	AI Kalsekar Technical Campus New Panvel
168	Dr Seema Garg	Amity University
169	ADNAN IQBAL SHAIKH	Anjuman-I-Islam's A.R Kalsekar Polytechnic Panvel
170	JAYSHREE PATIL	AIKTC School of Pharmacy
171	Dr.JANARDHANA RAO NIDAMALURI	ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
172	AJAZ AHMAD KUTUB ALI SAYED	AIKTC School of Pharmacy
173	MUNAWAR RAEES QURAISHI	A.R.Kalsekar Polytechnic
174	DR. RAJESH GUPTA	Rajiv Gandhi Proudhyogiki Vishwavidyalaya
175	Dr R VELMURUGAN	Karpagam Academy of Higher Education, Coimbatore
176	N. VARA PRASAD	CBIT
177	DIVYASHREE NAYAK	The Oxford college of engineering
178	SATYABRATA JENA	SRI JAYADEV COLLEGE OF PHARMACEUTICAL SCIENCES,BHUBANESWAR
179	JAGADEESH A	MVJCE
180	DR. PRAVIN PRAKASH ADIVAREKAR	A.P.SHAH. Institute of Technology, Thane, Maharashtra
181	R MUNWAR BASHA	Gurunanak Institute of Technology
182	Nagendra Akula	St.Peters Engineering College
183	Krishna Prasad R	MVJ College of Engineering
184	KIRAN S M	MVJ College of Engineering
185	Dr. RAJESH BHATT	University Departments, Rajasthan Technical University, Kota
186	MUKHTAR ANSARI	AIKTC
187	HIREN KATHIRIYA	RK University
188	MOHAN KUMAR K	MVJ COLLEGE OF ENGINEERING, BANGALORE
189	MRIDULA SHUKLA	The Oxford College of Engineering
190	ASHOK B P	The oxford college of engineering
191	Dr. SENTHIL KUMAR R	The Oxford College of Engineering
192	SREEVANI TAPILA	The Oxford college of Engineering
193	TRUPTI DEEPAK MASLEKAR	A. G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR.
194	ADTE RUQAIYYA BANO AFZAL	A. G. Patil Institute of Technology Solapur
195	LIGADE ANIL SANGAPPA	A.G. PATIL INSTITUTE OF TECHNOLOGY, SOLAPUR.

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196	POOJA KUMAWAT	GOVT. PG COLLEGE JHUNJHUNU (RAJASTHAN)
197	VIVEK MEGHRAJ BHOGADE	A. G. Patil Institute of Technology, Solapur.
198	SANGAMNATH V. UPPIN	Vel Tech University, Chennai
199	BRIJRAJ SINGH SOLANKI	Poornima College of Engineering, Jaipur
200	N. Shanmuga 3	RVS college of Engineering and Technology
201	SHAIKH ABDUL SALAM	AIKTC
202	RAVINDRA MARUTI DESAI	Sanjay Ghodawat University, Atigre, Kolhapur
203	G JEGAN	Sathyabama Institute of science and technology
204	Achutha JC	The Oxford College of Engineering
205	HARSHAL MADHUKAR WARADE	Yeshwantrao Chavan College of Engineering Nagpur
206	SURBHI MISHRA	Geetanjali Institute of Technical Studies
207	D. Jamunaranu	Sathyabama institute of science and Technology
208	NAGARE SHRIKANT UTTAM	LoGMIEER, Nashik
209	SHRISHAIL BIRAJDAR	AG Patil Institute of Technology, Solapur
210	T. THAJ MARY DELSY	Sathyabama Institute of Science and Technology Deemed to be University
211	PANDIAN R	sathyabama institute of science and technolu
212	ANKIT PANDYA	RK University
213	SHRIPAD BAJIRAO KORE	Sgu, Kolhapur
214	DEEPIKA LINGANABOINA	GURUNANAK INSTITUTE OF TECHNOLOGY
215	Prof. Dr. Chetan Khemraj	Sri Balaji college of engineering and technology Jaipur
216	PARTHA SARATHI PADHY	Roland Institute of Technology Odisha
217	Dr. SONALI SHANKAR GAIKWAD	Shri Shivaji Science and Arts College, Chikhli
218	MRS. RUPALI PRATIK KHADTAR	Anjuman-I-Islam's Abdul Razzak Kalsekar Polytechnic
219	V. AMALA RANI	Sathyabama Institute of Science and Technology
220	DHANASELVAM. J	Sri Krishna College of Technology
221	DR. JYOTI SINGH RAGHAV	Mewar University
222	CHITRA K	Muthayammal college of arts and science
223	PARVEEN RATHI	Vaish college of engineering
224	D. SUJATHA	St Ann's College for women
225	SUSHMA T SHANBHOGUE	The Oxford College of Engineering
226	K. DHARAGESHWARI	Mohamed Sathak AJ college of Engineering
227	Mr. RANJIT ARJUN KATKAR	AGTI's Dr. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD.
228	ANAND M GUJARATI	RK University
229	JAYABASKARAN G	KIT-Kalaighnarkarunanidhi Institute of Technology, Coimbatore
230	MOHAMMAD RASHID	A I ABDUL RAZZAK KALSEKAR POLYTECHNIC PANVEL
231	R Harish	Sri Shakthi Instite of Engineering and Technology
232	ABIRAMI R	Mohammed sathak A. J. College of Engineering
233	J. DILLI SRINIVASAN	SRM Institute of Science and Technology
234	S. CHANDRAKALA	KIT-KALAIGNARKARUNANIDHI INSTITUTE OF TECHNOLOGY
235	J. AJAY DANIEL	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
236	UNNATI AGARWAL	Lovely professional University
237	Dr. CHANDRESH KUMAR CHHATLANI	JRN Rajasthan Vidyapeeth
238	Dr S Muniraju	Govt. Sri Krishnarajendra Siver Jubilee

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		Technological Institute
239	SHREYA.C.S	Government engineering college,Hassan
240	Dr. KIRAN SHRIMANT KAKADE	Guru Nanak Institute of Management Studies, Mumbai
241	Dr RAJASHEKHARA S	Siddaganga Institute of Technology
242	RAJALAKSHMI G	Sathyabama Institute of Science & Technology
243	JAGADEESH MANJULA	JNTUA
244	RAHUL BHANUBHAI CHAUHAN	Parul Institute of Business Administration
245	Dr Raghavendra N	BNM Institute of Technology
246	Dr.HIMACHALAPATHY.R	ST. JOSEPH'S COLLEGE OF COMMERCE (AUTONOMOUS), BANGALORE
247	CH MOHAMMAD AKRAM	S.R.K. Institute of Technology
248	DR ARUNA KUMARI NAKKELLA	College of Engineering, Dr BR Ambedkar University, Srikakulam
249	Dr.Sushil Kumar	Amity University,Jaipur
250	NITIN JAYAKUMAR	School of Engineering, RK University
251	SANTHOSHA C	Presidency University
252	Deepa Modi	SKIT
253	MAYUR DANABHAI GADHADARA	GUJARAT TECHNOLOGICAL UNIVERSITY
254	ALPNA SHARMA	VIPS
255	DR.NIKHAT FARHANA	ANJUMAN-I-ISLAM KALSEKAR TECHNICAL CAMPUS
256	DR.PINKIBEN JAYRAMDAS NENWANI	C P PATEL & F H SHAH COMMERCE COLLEGE,ANAND
257	AMIT KUMAR JAIN	Poornima College of Engineering
258	DR. CHARANJEET MADAN	Hindu College of Engineering, Sonapat
259	Florance G	The oxford college of engineering
260	DR VISHAL JAIN	Geetanjali Institute of Technical Studies Udaipur
261	AMIT SHRIVASTAVA	POORNIMA UNIVERSITY
262	HARSHIT BHAVSAR	Sal College of Engineering
263	Dr.RADHA CHAUDHARY	GEETANJALI COLLEGE OF SCIENCE & COMMERCE
264	SYED NIZAMUDDIN	RR COLLEGE OF PHARMACY
265	GEETANJALI ROHAN KALME	APSIT
266	Dr Munshi Yadav	GTBIT
267	Dr. D. HEENA COWSAR	Bon Secours College for Women
268	Dr.C.Saffina	Bon secours College for women Thanjavur
269	Dr. A. MEHATHAB SHERIFF	Jamal Mohamed College (Autonomous), Trichy
270	G.REKA	Jamal Mohamed College (Autonomous) , Trichy-20
271	S. DHILSHATHUNNISA	Jamal Mohamed College
272	Amandeep Singh	GGI
273	N.G.Sowmya	Kingston Engineering College

