RAJAGOPAL POLYTECHNIC COLLEGE

(Govt. Aided / AICTE Approved / NBA Accredited: Civil, Mechanical, EEE & ECE)

Gandhinagar, Gudiyatham, Vellore Dt, Tamil Nadu – 632 602.

MANDATORY DISCLOSURES

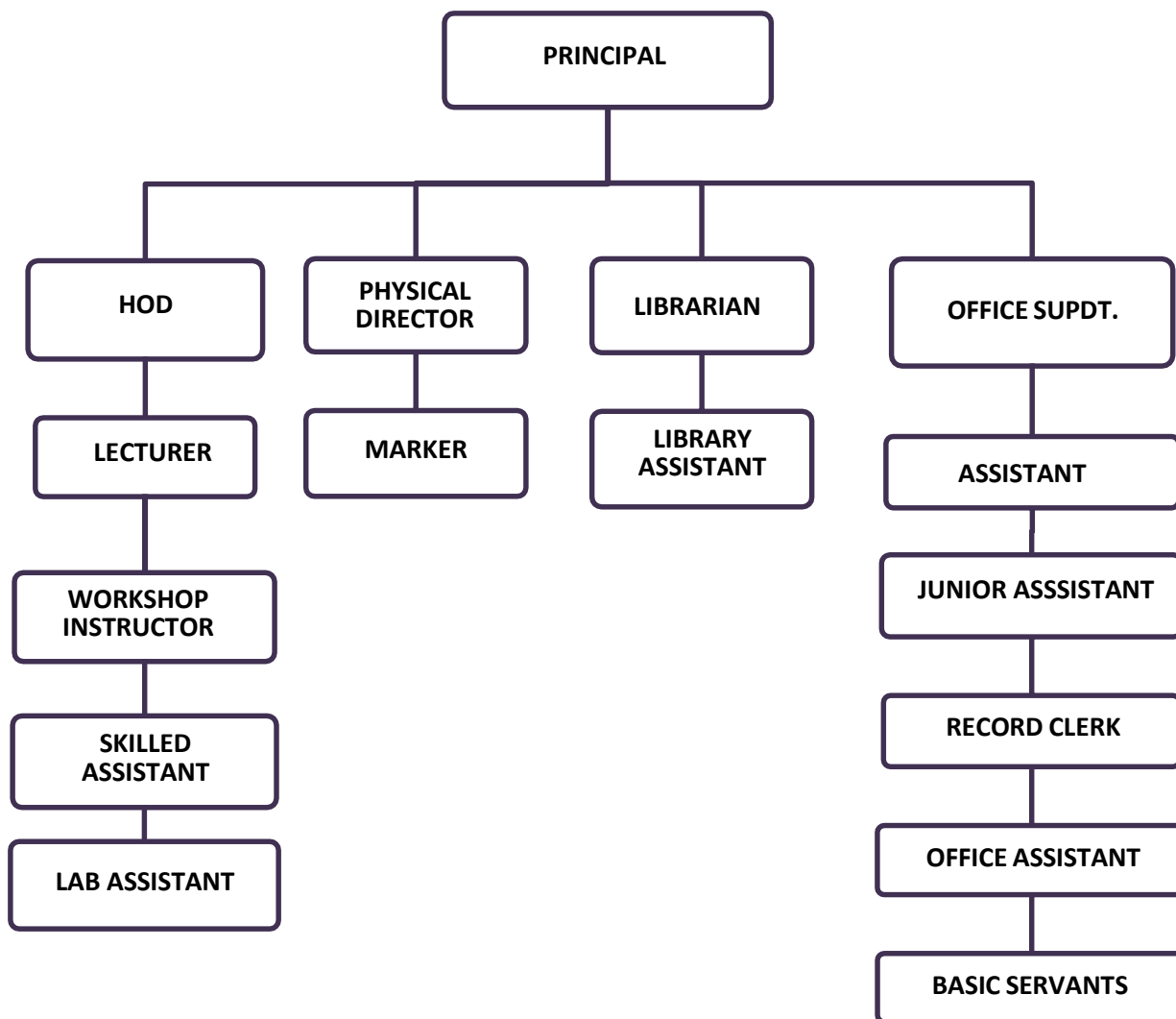1. **Name of the Institution** : **Rajagopal Polytechnic College**,
   Gandhinagar,
   Gudiyatham – 632 602,
   Vellore District, Tamilnadu.
   Contact No : 04171-221088, 224498
   E mail ID : rajapoly@yahoo.co.in

2. **Name & Address of the Trust** : **Rajagopal Educational Trust**,
   Rajagopal Polytechnic College,
   Gandhinagar,
   Gudiyatham – 632 602,
   Vellore District, Tamilnadu.
   Contact No : 04171-221088, 224498
   E mail ID : rajapoly@yahoo.co.in

3. **Name & Address of the Principal** : **Dr. C.Dhandapani,**
   Principal,
   Rajagopal Polytechnic College,
   Gandhinagar,
   Gudiyatham – 632 602,
   Vellore District, Tamilnadu.
   Contact No : 94432 84079
   E mail ID : dpani123@gmail.com

4. **Name of the Affiliating University** : **Directorate of Technical Education**,
   Guindy, Chennai - 600 025.

5. Governance

MEMBERS OF THE BOARD

1. **Thiru. S.Bala Krishna,**
   Managing Trustee,
   Rajagopal Educational Trust,
   Gudiyattam – 632 602.   – **Chairman.**

2. **Thiru. Anand Paranthaman,**
   Treasurer,
   Rajagopal Educational Trust,
   Gudiyattam – 632 602.   – **Treasurer.**

3. **Thiru. R.Padmanaban,**
   Trustee,
   Rajagopal Educational Trust,
   Gudiyattam – 632 602.   - **Member/ Management.**

4. **Thiru. Vinoth Paranthaman,**
   Trustee,
   Rajagopal Educational Trust,
   Gudiyattam – 632 602.   - **Member/Management.**

5. **Thiru. Shrish Balakrishna,**
   Trustee,
   Rajagopal Educational Trust,
   Gudiyattam – 632 602.   - **Member/Management.**

6. Nominee of the Government of India   - **Nominated by AICTE.**
                                                                            (Ex. Officio member)

7. The Commissioner of Technical Education   - **Nominee of the Government**
   Directorate of Technical Education, Chennai – 25.   **of Tamilnadu.**
                                                                            (Ex. Officio member)

8. Nominee of the Commissioner of Technical   - **Member .**
   Education, Chennai-25.

9. Nominee of the Commissioner of Technical   - **Member.**
   Education, Chennai-25.

10. The Principal   - **Member Secretary.**
    Rajagopal Polytechnic College,
    Gudiyattam -632 602.

ORGANISATIONAL CHART

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                          PRINCIPAL
        ┌──────────────┬──────────────┬──────────────┐
       HOD       PHYSICAL        LIBRARIAN      OFFICE SUPDT.
                 DIRECTOR
        │             │              │              │
     LECTURER       MARKER        LIBRARY        ASSISTANT
                                  ASSISTANT
        │                                          │
    WORKSHOP                                   JUNIOR ASSSISTANT
    INSTRUCTOR                                     │
        │                                      RECORD CLERK
     SKILLED                                       │
     ASSISTANT                                 OFFICE ASSISTANT
        │                                          │
    LAB ASSISTANT                              BASIC SERVANTS
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Anti-Ragging Committee:

S. No	NAME & DESIGNATION OF STAFF	PORTFOLIO
1.	Dr. C.Dhandapani, Principal.	Chairperson
2.	Inspector of Police, Gudiyattam.	Member (Police)
3.	Thiru. M.V. Jagadeesan, M.A, B.L., Advocate.	Member (Civil)
4.	Tmt. R. Vijayalakshmi, B.Com.	Member (NGO)
5.	Thiru. S. Arunachalam, Lect/Civil.	Member (Faculty)
6.	Thiru.S.Dhanasekaran, Lect/EEE	Member (Faculty)
7.	Dr.P.Vinothkumar, Physical Director	Member (Faculty)
8.	Tmt.D.R.Muthu Bhavani, Lect/Maths	Member (Faculty)

9.	Thiru.R.Murugesan, W.I/Mechanical	Member (Faculty)
10.	Thiru.J.Yogaraj, Lect/SSS/EEE	Member (Faculty)
11.	Tmt.J.Dhanalakshmi, Inst/SSS/EEE	Member (Faculty)
12.	Thiru. R.Saravanan, B.A.,	Member (Parent)
13.	Tmt. V.Vennila, DCE	Member (Parent)
14.	Selvi. A.Monika, I Year EEE	Member (Student)
15.	Selvi. C.Pooja, I Year ECE	Member (Student)
16.	Selvan. E.Vishnu Prasath, II Year Mechanical	Member (Student)
17.	Selvan. N. Mudashir Ahmed, II Year Civil	Member (Student)
18.	Selvan.R.Gowtham, III Year ECE	Member (Student)
19.	Selvi. A.Santhalakshmi, III Year EEE	Member (Student)

Grievance Redressal Committee:

S. No	NAME & DESIGNATION OF STAFF	PORTFOLIO
1.	Dr. C. Dhandapani, Principal.	Chairperson
2.	Dr. R. Rajaram, HOD/EEE.	Member (Faculty)
3.	Thiru. T. Rajasekaran, HOD / Civil.	Member (Faculty)
4.	Tmt. R. Poonam Asha, Lect / English.	Member (Faculty)
5.	Selvi. K. Gayathri, III Year – EEE.	Member (Student Representative)
6.	Selvi. K. Dhanalakshmi, II Year – Mech.	Member (Student Representative)
7.	Selvi. A. Monika, I Year – EEE.	Member (Student Representative)
8.	Selvan. L. Dhamodharan, III Year – Mech.	Member (Student Representative)
9.	Selvan. P. Sasikumar, III Year – EEE.	Member (Student Representative)
10.	Selvan.U.Kumaran, II Year- Mech(SSS-A).	Member (Student Representative)

Internal Complaint Committee:

S. No	NAME & DESIGNATION OF STAFF	PORTFOLIO
1.	Tmt. R. Poonam Asha, Lect / English.	Presiding Officer.
2.	Tmt. D. R. Muthu Bhavani, Lect / Maths.	Member (Teaching).
3.	Tmt. D. Tamilselvi, Lect/SSS/EEE.	Member (Teaching).
4.	Tmt. R. Banumathi, Typist.	Member (Non - Teaching).
5.	Tmt. J. Dhanalakshmi, Instructor/SSS/EEE.	Member (Non - Teaching).
6.	Tmt. R. Vijayalakshmi, B.Com.	Member (NGO).
7.	Selvi. K. Kalaivani – III – Year – EEE.	Member (Student).
8.	Selvi. S. Renuka- III – Year – EEE.	Member (Student).
9.	Selvi. T. Karthika - III – Year – ECE.	Member (Student).
10.	Selvi. T. Hemaprabha- III – Year – ECE.	Member (Student).
11.	Selvi. C. Karpagavalli- III – Year – Civil.	Member (Student).
12.	Selvi. S. Suvathi- II – Year – Civil.	Member (Student).
13.	Selvi. R. Aishwarya- II – Year –Mech.	Member (Student).
14.	Selvi. M. Boomika- II – Year –Mech.	Member (Student).
15.	Selvi. U. Gayathri-I-Year- EEE.	Member (Student).
16.	Selvi. S. Soniya-I-Year- ECE.	Member (Student).

Committee for SC/ST:

S. No	NAME & DESIGNATION OF STAFF	PORTFOLIO
1.	Dr. C.Dhandapani, Principal.	Chairman.
2.	Thiru. K.Sankar, Vice Principal, TPEVR Govt. Polytechnic College, Vellore	Senior Professor of State DTE.
3.	Thiru. M.Mohan, Lect / ECE.	Member (Faculty)
4.	Dr. P.Vinoth Kumar, Physical Director.	Member (Faculty)
5.	Tmt. D.Tamilselvi, Lect/SSS/EEE.	Member (Faculty)

Internal Quality Assurance Cell:

S. No	NAME OF THE IQAC MEMBER	ROLE
1.	Dr. C.Dhandapani, Principal.	Chairperson
2.	Dr.R.Rajaram, HOD/ EEE.	Coordinator
3.	Sri. M.P.S.Saravana Senthil, HOD/ECE.	Member
4.	Sri. T.Rajasekaran, HOD/Civil.	Member
5.	Sri. T.Sampath, HOD/ Non-Engg.	Member
6.	Sri. M.SalaiManalan, DGM/WEG & Water Systems, BHEL Ranipet	Member (Industry)
7.	Sri. D.Arulselvam, HOD, TPT, Salem	Member (External Expert)
8.	Smt. J.Megala, Principal, GPT, Jolarpet.	Member (Alumni)
9.	Mr.C.Srikanth, General Manager, Personnel & HR, Brakes India Pvt Ltd. Foundry Division, Sholingur.	Member (Employer)

6. Programmes

NBA Accreditation Status		
1.	Name/ List of Programmes/ Courses Accredited	1. Civil Engineering – 3 Year 2. Mechanical Engineering – 3 Year 3. Electrical & Electronics Engineering – 3 Years 4. Electronics & Communication Engineering – 3 Years.
2.	Applied for Accreditation A. Applied but Visit not happened B. Visit happened but result awaited	Nil
3.	List of programmes/ courses Not Applied	1. Automobile Engineering 2. Mechanical Engineering (R&AC)

i. Diploma in Civil Engineering:

Year	Number of Seats	Duration	Cut off Marks/ Rank of Admission	Placement Facilities	Campus Placement in Last three years	Salary		
						Min	Max	Avg
2020-2021	60	3 Years	185	Yes	40	Rs.10,000	Rs.15,000	Rs.12,000
2019-2020	60	3 Years	199	Yes	51	Rs.9,000	Rs.13,000	Rs.11,000
2018-2019	60	3 Years	202	Yes	54	Rs.9,000	Rs.13,000	Rs.11,000

ii. Diploma in Mechanical Engineering

Year	Number of Seats	Duration	Cut off Marks/ Rank of Admission	Placement Facilities	Campus Placement in Last three years	Salary		
						Min	Max	Avg
2020-2021	240	3 Years	191	Yes	226	Rs.12,500	Rs.15,000	Rs.13,000
2019-2020	240	3 Years	199	Yes	233	Rs.12,500	Rs.13,750	Rs.12,750
2018-2019	240	3 Years	206	Yes	231	Rs.12,500	Rs.13,750	Rs.12,750

iii. Diploma in Electrical and Electronics Engineering

Year	Number of Seats	Duration	Cut off Marks/ Rank of Admission	Placement Facilities	Campus Placement in Last three years	Salary		
						Min	Max	Avg
2020-2021	120	3 Years	201	Yes	129	Rs.12,500	Rs.15,000	Rs.13,000
2019-2020	120	3 Years	214	Yes	127	Rs.12,500	Rs.13,750	Rs.12,750
2018-2019	120	3 Years	225	Yes	136	Rs.12,500	Rs.13,750	Rs.12,750

iv. **Diploma in Electronics and Communication Engineering**

Year	Number of Seats	Duration	Cut off Marks/ Rank of Admission	Placement Facilities	Campus Placement in Last three years	Salary		
						Min	Max	Avg
2020-2021	60	3 Years	201	Yes	58	Rs.12,500	Rs.15,000	Rs.13,000
2019-2020	60	3 Years	242	Yes	65	Rs.12,500	Rs.13,750	Rs.12,750
2018-2019	60	3 Years	245	Yes	68	Rs.12,500	Rs.13,750	Rs.12,750

v. **Diploma in Automobile Engineering**

Year	Number of Seats	Duration	Cut off Marks/ Rank of Admission	Placement Facilities	Campus Placement in Last three years	Salary		
						Min	Max	Avg
2020-2021	60	3 Years	191	Yes	56	Rs.10,000	Rs.15,000	Rs.12,000
2019-2020	60	3 Years	186	Yes	54	Rs.9,000	Rs.13,000	Rs.11,000
2018-2019	60	3 Years	203	Yes	50	Rs.9,000	Rs.13,000	Rs.11,000

7. Faculty List:

Civil Department.

S. No	Name	Qualification	Designation	Date of Joining
1	Mr.T.Rajasekaran	M.S., M.E.,	HOD	05-07-1999
2	Mr.S.Arunachalam	A.M.I.E., M.E.,	Lecturer (S.G)	18-01-1988
3	Mr.R.G.Ramesh Kumar	M.E.	Lecturer	16-09-1991
4	Mr. S.Surendhar	B.E.	Lecturer	01.06.2015
5	Mr. P.Puviyarasan	B.E.	Lecturer	02.07.2018
6	Mr. M.Santhosh Kumar	B.E.	Lecturer	09.07.2018
7	Mr. V.Senthilkumar	M.Sc., B.Ed	Lecturer / Maths	02.11.2009

Mechanical Department:

S. No	Name	Qualification	Designation	Date of Joining
1.	Dr.C.Dhandapani	M.E., Ph.D., M.B.A., M.Sc.,	HOD	04.07.2001
2.	Mr.K.Lokesan	M.E.,	Lecturer	01.06.2017
3.	Mr.A.Dinesh	M.E.,	Lecturer	03.06.2014
4.	Mr.R.Pradeep Raj	M.E.,	Lecturer	12.06.2017
5.	Mr.N.Prasanth	M.E.,	Lecturer	12.06.2017
6.	Mr.U.Pichandi	M.E.,	Lecturer	02.07.2018
7.	Mr.R.R.Vinothkumar	B. Tech.,	Lecturer	06.06.2012
8.	Mr.V.Loganathan	B.E.,	Lecturer	06.06.2013
9.	Mr.J.Vinoth Kumar	B.E.,	Lecturer	03.06.2010
10.	Mr.J.Vignesh	B.E.,	Lecturer	06.06.2013
11.	Mr.P.Vignesh	B.E.,	Lecturer	06.06.2013
12.	Mr.D.Aanand	M.E., M.B.A.,	Lecturer	01.07.2014
13.	Mr.R.Mugundan	M.E.,	Lecturer	15.12.2015
14.	Mr.E.Yuvaraj	B.E.,	Lecturer	12.06.2017
15.	Mr.G.Ajay Kumar	B.E.,	Lecturer	12.06.2015
16.	Mr.A.Dhileep	B.E.,	Lecturer	01.07.2019
17.	Mr.K.Sathish Kumar	B.E.,	Lecturer	02.07.2018
18.	Mr.K.Paranthaman	B.E.,	Lecturer	01.12.2020
19.	Mrs.D.Tamilselvi	M.A., M.Phil., B.Ed	HOD / English	28.08.1985
20.	Mr.V.Thennarasu	M. Sc., M. Phil.,	Lecturer	01.12.2017
21.	Mr.S.Shanmugam	M. Sc., B.Ed.,	Lecturer	01.07.2014
22.	Mr.S.Paranthaman	M.Sc., M.Phil., B.Ed.,	Lecturer	01.06.2007
23.	Mrs.D.Ezhilarasi	M.Sc., B.Ed.,	Lecturer	19.02.2010
24.	Mr.P.Prabu	M.Sc., M.Phil.,	Lecturer	01.07.2014
25.	Mrs.D.R.Muthu Bhavani	M.Sc., M.Phil.,	Lecturer	01.12.2017
26.	Mr.B.Sarath Kumar	M.Sc., M.Phil.,	Lecturer	07.07.2016
27.	Mr.T.Umabharath	M.Sc., M.Phil.,	Lecturer	09.07.2018
28.	Mr.V.Dhanasekaran	M.Sc., M.Phil.,	Lecturer	02.07.2018
29.	Mr.V.Baskaran	M.E.,	W.I	24.07.1995
30.	Mr.S.Karunanithi	M.E.,	W.I	21.03.1997

Electrical and Electronics Engineering

S. No	Name	Qualification	Designation	Date of Joining
1.	Dr.R.Rajaram	M.E., M.B.A., Ph.D	HOD	02.07.2001
2.	Tmt.P.Lalitha	B.E.,	Lecturer	03.03.1989
3.	Mr.S.Dhanasekaran	M.E.,	Lecturer	07.09.2006
4.	Mr.R.M.Rajesh Kumar	M.E.,	Lecturer	02.06.2014
5.	Mr.J.Yogaraj	M.E.,	Lecturer	01.06.2015
6.	Mr.U.Madhan Kumar	M.Tech.,	Lecturer	01.06.2015
7.	Mr.C.S.Vinothkumar	M.E.,	Lecturer	06.06.2016
8.	Ms.D.Tamilselvi	B.E.,	Lecturer	06.06.2016
9.	Dr.S.Sathiyamoorthy	M.E., Ph.D.,	Lecturer	13.06.2016
10.	Tmt.G.Susithra	B.E.,	Lecturer	05.07.2017
11.	Mr.R.V.Ashokbabu	B.E.,	Lecturer	18.07.2018
12.	Ms.V.Kanimozhi	B.E.,	Lecturer	17.02.2021
13.	Tmt.R.PoonamAsha	M.A., B.Ed.,	Lecturer	01.12.2017
14.	Tmt.S.Selvi	M.Sc., B.Ed.,	Lecturer	26.10.2009
15.	Tmt.N.Kanchanadevi	M.Sc., M.Phil, B.Ed.,	Lecturer	26.10.2010
16.	Mr.N.Raja	M.Sc., B.Ed	Lecturer	15.07.2013

Electronics and Communications Engineering:

S. No	Name	Qualification	Designation	Date of Joining
1	Mr. M.P.S.Saravana Senthil	B.E., M.S.,	HOD$_{(i/c)}$	02.12.1996
2	Mr. T.Rahuraman	B.E	Lecturer	26.08.1996
3	Mr. M.Mohan	B.E., M.Tech	Lecturer	11.05.2012
4	Mrs. G.Gunasundari	B.E	Lecturer	16.07.2018
5	Dr. D.Santhosh Kumari	Ph.D	Lecturer	01.06.2019
6	Mrs. S.Priyadharshini	B.E., M.E.,	Lecturer	01.11.2020
7	Mr. T.Sampath	M.Sc., B.Ed., M.Phil	HOD$_{(i/c)}$/NE	12.01.1999

8. Profile of the Principal

Dr.C.Dhandapani,
M.E.,Ph.D., M.B.A., M.Sc., PGDG&C,PGDPM, MIE,

I. QUALIFICATION:

1. B.E - Mechanical Engineering
   Alagappa Chettiar College of Engineering and Technology, Karaikudi,
   Madurai Kamaraj University.

2. M.E – Mechatronics
   Madras Institute of Technology, Chromepet, Chennai-44. Anna University.

3. Ph.D Robotics and Parallel Manipulator
   Madras Institute of Technology, Chromepet, Chennai-44. Anna University.

4. M.B.A –Marketing Management,
   Indira Gandhi National Open University.

5. M.Sc. Psychology
   Manonmaniam Sundaranar University (MSU), Tirunelveli.

6. Post Graduate Diploma in Guidance and Counseling (PGDG&C)
   Periyar University, Salem.

7. Post Graduate Diploma in Personnel Management (PGDPM)
   Periyar University, Salem.

II. MEMBERSHIP IN PROFESSIONAL BODIES:

1. The Institution of Engineers (India), IE(I), Life Member–M12293410.
2. Chartered Engineer (India), from The Institution of Engineers (India).
3. Indian Society for Technical Education (ISTE), Life Member.
4. The Association for Machines and Mechanism (IIT- Bombay), Life Member.
5. Powder Metallurgy Association of India, Life Member.

III. PATENTS REGISTERED:

1. Modelling, Simulation and Kinematic analysis and Synthesis of 3 Degrees of Freedom Tri-Glide Parallel Manipulator.
   Publication No.202041049421A   Date.27.11.2020.

2. Machine Learning Based Smart Welding and Monitoring Robot.
   Publication No.202141020119A   Date.14.05.2021.

3. A FPGA based preventive power factor detector
         Patent filed – 2022.

4. Artificial Intelligence based approach to monitor and analyze the activities of bank operations.
         Patent filed – 2022.

IV. <u>TEXT BOOK AUTHOR SHIP :</u>

1. Authored one text book titled "DESIGN OF MACHINE ELEMENTS" for 5th semester Diploma in Mechanical Engineering in accordance with K scheme. Published by M/s Yuktha Publications, Karur.

2. Authored one text book titled "MECHANICS OF MATERIALS" for 3rd semester Diploma in Mechanical Engineering in accordance with K scheme. Published by M/s Yuktha Publications, Karur.

V. <u>GRANTS RECEIVED: (Rs. 3,46,16,667/-)</u>

1. Rs.20,000/- from Institution of engineers (India) for Two Day National workshop on "LED LIGHTING TECHNIQUE" August 2019.
2. Rs.17 Lakhs for Modernization MODROB (Rural) CNC Machines from AICTE, April 2020. (Completed)
3. Rs.3,96,667/- (Rupees Three lakhs Ninety Six Thousand Six Hundred and Sixty Seven) from AICTE for ATAL short Term Training Programme on "Parallel Robot for Industries" July 2020. (Completed)
4. Rs.3,25,00,000/- (Rupees Three Crores Twenty Five Lakhs only) for girls hostel construction from AICTE under CAFES (Campus Accommodation & Facilities Enhancing Social experience) Scheme. (Under Progress)

VI. <u>CONFERENCE/ WORKSHOPS - ORGANISED:</u>

1. First National Conference on Futuristic Trends in Engineering Research and Technology. (NCFTET-2020) in association with International Journal of Engineering Research and Technology in March 2020.
2. Two day Technical Workshop on LED LIGHTING TECHNIQUE –Product Assembling and Manufacturing from 30.08.2019 to 31.08-2019 in association with The Institution of Engineers (India) in August 2019.
3. Two day Workshop on "Open Source Software" in association with IIT- Bombay in 2016.
4. Three day Zonal Round of National Robotics Championship, ROBOTRYST 2014, in association with IIT, Delhi in 2014.

VII. ADDITIONAL RESPONSIBILITIES HELD :

1. **Placement Officer** : **2 Years**
   (1. 7. 2018 to Till Date).

2. **Vice President / Student's** : **6 Years 3 Months**
   Co-Operative Stores (1. 5. 2014 to Till date)

3. **HOD – Automobile Engg.** : **2 Year 3 Months**
   : (1. 6. 2018 to Till Date)

4. **Internal Co-Ordinator for** : **1 Year 11 Months**
   CDTP Scheme : (1. 10. 2018 to Till Date)

5. **Internal Co-Ordinator** : **1 Year 11 months**
   PMKVY Skill Development (1. 10. 2018 to Till Date)

6. **Accountant for Student's** : **1 Year 9 months**
   Co-Operative Stores (1. 8. 2012 to 31. 5. 2014)

7. **Process Champion** : **1 Year 3 Months**
   CIICP (1. 8. 2013 to 30. 10. 2014).

8. **Hony. Secretary** : **4 Years**
   ISTE – Chapter (1. 3. 2010 to 24. 2. 2014)

9. **MIS – Manager** : **4 Years**
   CIICP (2. 1. 2004 to 2.1.2008)

VIII. LABORATORIES SET UP / NEW SUBJECTS INTRODUCED

(1) Introduced a new Elective Subject "MECHATRONICS" at Rajagopal Polytechnic College during 2004 – 05.

(2) Introduced a new Elective Subject "TOTAL QUALITY MANAGEMENT" at Rajagopal Polytechnic College during 2002 – 03.

(3) Set up a new Mechatronics Laboratory as per the syllabus of Directorate of Technical Education with Hydraulics & Pneumatics, PLC Controls and micro controller.

(4) Set up Three new Computer Laboratories with networking.

(5) Set up a new Quality Control Laboratory with Non–Destructive Testing facility as per the syllabus of Directorate of Technical Education.

(6) Set up a new ATMEL Studio/AVR Micro controller based Robotics Laboratory under E-Yantra project supported by IIT Bombay.

IX. SHORT COURSES DEVELOPED

(1) Introduced two new short courses on "Mechatronics" and "TQM" and developed course materials with Practical under Canada India Co-operation project.

(2) Introduced a new short courses on "Welding Technology and Testing of Weldments" and developed course material under Canada India Co-operation project.

X. GUEST FACULTY PROGRAMMES

(1) Involved in Expert Guest Lectureship on various topics at NITTTR, Chennai, Hindustan Engineering College, TPEVR Government Polytechnic College, etc.,

XI. RESEARCH PUBLICATIONS

     i. International Journals   :   30.
    ii. International Conference :   01.
   iii. National Conference   :   03

XII. SUBJECTS TAUGHT

Odd Semester:

Design of Machine Elements	-	V Semester
Metrology and Machine TOOL Testing	-	V Semester
Total Quality Management	-	V Semester
Mechanics of Materials	-	III Semester
MM & FM Lab	-	III Semester

Even Semester:

Automobile Technology	-	VI Semester
Industrial Engineering and management	-	VI Semester
Thermal Engineering	-	VI Semester
Mechatronics & Mechatronics Practical	-	VI Semester
Fluid Mechanics and Fluid Power	-	IV Semester
Automobile Lab	-	VI Semester
Project Work	-	VI Semester

XIII. PREVIOUS EXPERIENCE IN INDUSTRIES (7 years and 5 Months)

(1) Name of Organisation   **: M/s Ennore Foundries Limited, Ennore, Chennai.**
                                          Now M/s. Hindhuja Foundries Limited.

Designation   **: Senior Executive**

XIV. PERSONAL DETAILS

Name	:	Dr.C.Dhandapani.
Staff ID	:	1-464297856.
Address	:	No.1, Staff Quarters, Rajagopal Polytechnic College, Gandhinagar, Gudiyattam – 632 602.

8. FEES

I-Year New Admission (Government Aided Courses)

S. No	Particulars	Amount
1.	Admission fee	2.00
2.	Tuition fee	2,500.00
3.	Special fee	1,000.00
4.	Development charges	1,000.00
5.	Caution deposit	20.00
6.	Admission approval fee	15.00
7.	Certificate verification fee	50.00
8.	SUB.RCS	20.00
9.	Flag Day	5.00
10.	NSS Corpus Fund	10.00
	Students Total Fee Rs.	**4,622.00**
	For SC, SC (Christian) & ST Students	**Rs.2,122.00**

*Skill Training, Professional society membership fees will be charged additionally

II-Year (LES) Admission Fee (Government Aided Courses)

S. No	Particulars	Amount
1.	Admission fee	2.00
2.	Tuition fee	2,500.00
3.	Special fee	1,000.00
4.	Development charges	1,000.00
5.	Caution deposit	20.00
6.	Admission approval fee	15.00
7.	Certificate verification fee	50.00
8.	SUB.RCS	20.00
9.	Flag day	5.00
10.	NSS corpus fund	10.00
	Students Total Fee	**Rs.4,622.00**
	For SC, SC (Christian) & ST Students	**Rs.2,122.00**

*Skill Training, Professional society membership fees will be charged additionally

Mechanical, EEE (Self Supporting courses)

S. No	Particulars	Amount
1.	Admission fee	2.00
2.	Tuition fee	17,500.00
3.	Educational Development Fund	17,500.00
4.	Admission approval fee	15.00
5.	Certificate verification fee	50.00
6.	SUB.RCS	20.00
7.	Flag Day	5.00
8.	NSS corpus fund	10.00
	Total Rs.	35,102.00

**Skill Training, Professional society membership fees will be charged additionally

Automobile (Self Supporting courses)

S. No	Particulars	Amount
1.	Admission fee	2.00
2.	Tuition fee	12,500.00
3.	Educational Development Fund	12,500.00
4.	Admission approval fee	15.00
5.	Certificate verification fee	50.00
6.	SUB.RCS	20.00
7.	Flag Day	5.00
8.	NSS Corpus Fund	10.00
	Total Rs.	25,102.00

**Skill Training, Professional society membership fees will be charged additionally

SCHOLARSHIP BENEFICIARY DETAILS:

	SC / ST Scholarship	BC / MBC Scholarship	AICTE PRAGATI Scholarship
2020-2021	248	760	35
2019-2020	257	853	-
2018-2019	304	907	-

9. Admission

Student's admission in 2020-2021 through First year:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	**60**	**17**	**7**	**2**	**7**	**7**	**1**	**-**	**2**	**43**
Mechanical	**60**	**17**	**13**	**2**	**10**	**8**	**2**	**-**	**6**	**58**
Mechanical (SSS)	**180**	**27**	**24**	**3**	**12**	**9**	**1**	**-**	**12**	**88**
Electrical & Electronics	**60**	**17**	**14**	**2**	**11**	**7**	**1**	**-**	**6**	**58**
Electrical & Electronics (SSS)	**60**	**9**	**6**	**-**	**6**	**4**	**1**	**-**	**7**	**33**
Electronics & Communication	**60**	**16**	**15**	**2**	**10**	**7**	**2**	**-**	**6**	**58**
Automobile	**60**	9	5	1	3	2	1	-	3	24

Application Received : 502   Admitted : 362

Student's admission in 2020-2021 through Lateral Entry:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	**6**	**1**	**2**	**-**	**1**	**1**	**-**	**-**	**8**	**13**
Mechanical	**6**	**2**	**2**	**-**	**1**	**-**	**-**	**-**	**3**	**8**
Mechanical (SSS)	**18**	**1**	**1**	**-**	**1**	**-**	**-**	**-**	**27**	**30**
Electrical & Electronics	**6**	**2**	**1**	**1**	**1**	**-**	**-**	**-**	**5**	**10**
Electrical & Electronics (SSS)	**6**	**1**	**1**	**-**	**1**	**-**	**-**	**-**	**19**	**22**
Electronics & Communication	**6**	**1**	**1**	**-**	**1**	**1**	**1**	**-**	**9**	**14**
Automobile	**6**	**1**	**-**	**-**	**-**	**1**	**-**	**-**	**-**	**2**

Application Received : 146   Admitted : 99

Student's admission in 2019-2020 through First year:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	60	16	14	-	10	7	-	1	6	54
Mechanical	60	16	14	2	11	7	1	-	6	57
Mechanical (SSS)	60	9	8	1	6	4	-	-	5	33
Mechanical (Shift)	120	17	16	2	11	9	2	1	57	115
Electrical & Electronics	60	17	14	2	11	8	1	-	6	59
Electrical & Electronics (SSS)	60	8	8	1	6	4	1	-	16	44
Electronics & Communication	60	15	14	1	9	7	2	-	6	54
Automobile	60	9	8	-	5	4	-	-	12	38

Admitted   :   454   Application   :   663

Student's admission in 2019-2020 through Lateral Entry:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	6	1	3	1	1	1	-	-	7	14
Mechanical	6	2	2	-	1	-	-	-	3	8
Mechanical (SSS)	6	1	1	-	1	-	-	-	6	9
Electrical & Electronics	6	2	1	1	1	-	-	-	3	8
Electrical & Electronics (SSS)	6	1	1	-	1	-	-	-	22	25
Electronics & Communication	6	1	1	-	1	-	1	1	7	12
Automobile	6	1	1	-	1	-	-	-	40	43

Application Received   :   328   Admitted   :   119

Student's admission in 2018-2019 through First year:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	**60**	**17**	**14**	**2**	**4**	**8**	**1**	**-**	**1**	**47**
Mechanical	**60**	**17**	**14**	**2**	**11**	**8**	**1**	**1**	**6**	**60**
Mechanical (SSS)	**60**	**9**	**8**	**1**	**6**	**5**	**1**	**-**	**28**	**58**
Mechanical (Shift)	**120**	**18**	**16**	**2**	**12**	**10**	**2**	**-**	**60**	**120**
Electrical & Electronics	**60**	**17**	**14**	**2**	**10**	**8**	**1**	**1**	**6**	**59**
Electrical & Electronics (SSS)	**60**	**9**	**8**	**1**	**6**	**5**	**1**	**-**	**21**	**51**
Electronics & Communication	**60**	**16**	**15**	**2**	**8**	**8**	**2**	**-**	**6**	**57**
Automobile	**60**	**9**	**6**	**1**	**6**	**2**	**1**	**-**	**2**	**28**

Admitted   :   480   Application   :   773

Student's admission in 2018-2019 through Lateral Entry:

Branch	No. of seats sanctioned	OC	BC	BC(M)	MBC	SC	SC(A)	ST	MQ	Total
Civil	**12**	**3**	**5**	**-**	**1**	**2**	**-**	**-**	**5**	**16**
Mechanical	**12**	**3**	**3**	**-**	**3**	**1**	**1**	**-**	**5**	**16**
Mechanical (SSS)	**12**	**2**	**2**	**-**	**1**	**1**		**-**	**11**	**17**
Electrical & Electronics	**12**	**3**	**3**	**-**	**2**	**2**	**-**	**1**	**1**	**12**
Electrical & Electronics (SSS)	**12**	**2**	**2**	**-**	**2**			**-**	**10**	**16**
Electronics & Communication	**12**	**3**	**4**	**-**	**2**	**1**	**-**	**1**	**1**	**12**
Automobile	**12**	**2**	**2**	**-**	**2**			**-**	**32**	**38**

Application Received   :   360   Admitted   :   127

10. ADMISSION PROCEDURE

Admission to Diploma courses instructions to candidates

Application for admission to the courses should be submitted to the Principal of the Polytechnic only by designation and not by name.

Applicants belonging to Tamil Nadu only are eligible to apply. However the following categories of candidates are also eligible to apply.

a. Children of Central Government employees and children of persons employed in Registered Joint Stock Companies, Private of Public Government Recognised Institutions not domiciled in this state may also apply and compete with other candidates for admission irrespective of their domicile provided the parent or guardian of the candidate is employed for a period of 5 years (Continuously) in this state at the time of Submission of application which should be supported by a certificate from the employer of the parent or guardian. (The certificate should also state that the person is a permanent employees of the firm or institution concerned)

b. Certificate of permanent residence should be produced by the candidates who have passes their IX, X or their equivalent examinations from high schools situated outside Tamil Nadu for considering them as candidates belonging to Tamil Nadu.

c. Children of Central Government Employees not domicile of TamilNadu may also apply and compete under open competition for admission, provided their parents or guardians (only if parents are not alive) are serving in TamilNadu continuously for the past five years at the time of submission of application which should be supported by enclosing certificate from the employer of the parent or guardian.

d. Other State candidates with schooling in TamilNadu from Standard VII onwards need not enclose "Certificate of Permanent Residence". They are eligible for open competition only.

Note: The name of the guardian should be mentioned only if both the parents of the candidates are deceased

NAME OF THE COURSES OFFERED

(GOVT. AIDED)	(SELF SUPPORTING COURSES) (UNAIDED)
1. Civil Engineering	1. Automobile Engineering
2. Mechanical Engineering	2. Mechanical Engineering
3. Electrical & Electronics Engineering	3. Electrical & Electronics Engineering
4. Electronics & Communication Engineering	4. Mechanical Engineering (R&AC)

QUALIFICATION FOR ADMISSION:

1. Minimum Qualification:

A Pass in SSLC with eligible to 1st year Higher Secondary School in Tamilnadu HSC Board Schools.

(or)

Any other qualification recognised as equivalent to a pass in SSLC or X Standard School of TamilNadu High School by the Director of School Education / Secondary Education Board, TamilNadu.

Candidates who are qualified as on 1-7-2021. (i.e. who have passed the qualifying examination during April 2021 or earlier examination) only will become eligible for admission.

Note:

1. Where the subjects "Mathematics" is a taught in two individual group, namely as General Mathematics and Composite Mathematics' the candidates who have taken composite mathematics alone are eligible for admission. The candidates who have taken General Mathematics / Elementary Mathematics are not eligible for admission.

2. In respect of candidates who have passed their qualifying examination in other state where the marks in respect of science are awarded subject wise namely Physics, Chemistry, Biology, etc., their eligibility shall be decided taking into account the marks secured in all the individual subjects put together as an integrated one science. The marks secured in the individual subjects alone shall not be considered for the purpose of pass and marks rules i.e. Physics and Chemistry alone or Physics and Biology alone and so on. However, if the candidate is found to have failed in anyone of the individual subjects, in the combined subject 'Science' then such candidates shall not be considered eligible for admission.

3. When grade certificates are produced by the candidates, only the minimum marks for the grades in the subjects will be taken into account.

4. The candidates should satisfy the above qualification and marks rules, in the prescribed qualifying examination, irrespective of the fact of his / her higher qualification.

ALLOCATION OF SEATS:

Selection will be made under six categories.

1. Open Competition
2. Backward class (Others)

3. Backward class (Muslim)

4. Most Backward Class / Denotified Communities

5. Scheduled Caste (Arunthathiyars)

6. Scheduled Tribe

The percentage of seats under the above categories will be as per the orders of Government of TamilNadu.

a) Candidates seeking admission against ST / SC(A) / MBC & DC / BC (Others) / BC (Muslims) should obtain a certificate of social status in the prescribed form (which is a duly numbered and printed one) available with Revenue Authorities concerned.

The candidates should furnish the particulars in variably for item No. 9 (b) of the application form without fail. The candidates who have not furnish the particular for item no. 9(b) at the time of submission of the application they will be treated as belonging to OC.

The candidates should produce at the time of admission, the original community certificate along with a Xerox copy of the community certificate duly attested by officers of Grade A or B.

1. A member of the Scheduled Caste on conversion to Christianity will be considered only under backward class and not under Scheduled Caste.

2. No person who professes a religion different from the Hinduism or Sikh religion shall be deemed to be a member of a Scheduled Caste.

3. A member of Scheduled Tribe will however continue to be treated as such a member, irrespective of whether he is a convert to any religion or he is discended from such a convert.

4. A candidate who claims to belong to scheduled caste by virtue of reconversion should give all and full details regarding date of reconversion and whether the candidate on such reconversion is a accepted by members of the particular community of the locality where he/she resides as belonging to the particular community which he claims to belong. Reconversion from christianity to Hinduism will be considered only if notified in the Gazette before 1st July of the year of admission.

5. Candidates are warned that if the community recorded in the certificate produced by them from the competent authority is not included in the list of ST / SC(A) / MBC & DC / BC (Others) / BC (Muslims) given in the annexure to the instructions to the candidates or if the community certificate is not issued / signed by the competent authority, they will not be considered as belonging to ST / SC(A) / MBC & DC / BC (Others)/ BC (Muslims) as the case may be. They will be in that case considered only

under "Others" and privilege that have been given, on the presumption that the candidate belongs to ST / SC(A) / MBC & DC/ BC (Others) / BC (Muslims) as per the details given under that item No. 4(b) of the application form will be withdrawn. The selection made already on the basis of community privilege will be cancelled and they have no compete for a seat under open competition along with others. If they are not qualified to be considered under "others" their application will be treated as rejected.

6. The selection of ST / SC(A) / MBC & DC / BC (Others) / BC (Muslims) candidates under open competition is in addition to the reservation made for them.

7. Permanent Community Certificate of ST should be issued only by the R.D.O. concerned.

8. Permanent Community Certificate issued with State Gopuram Seal, is alone valid for all admission purposes.

MODE OF SELECTION

Selection of candidates for the courses in the Polytechnic will be made purely on the basis of ranking of all qualifying candidates in the order of total marks secured by the candidates in the SSLC examination or in the qualifying examination.

In respect of candidates whose maximum marks in the SSLC or equivalent examination is more than 500 as per scheme, as maximum marks shall be reduced to a basis of 500 and rank arrived at along with other candidates

PUBLICATION OF LIST OF CANDIDATES SELECTED FOR ADMISSION:

The list of candidates provisionally selected for admission shall be published by the principal. The institution shall also display the mark range particulars of selected and admitted candidates in each category, each and every day for the general information of the public. The selected candidates will be intimated of their selection by Registered Post by the principal.

The candidates are in their own interest advised to verify the Notice Board of the Polytechnic / institution where he / she had applied for admission and make himself / herself acquainted with the position. In the event of non-receipt of admission order on the basis of mark range particulars displayed in the Notice Board, the candidate may make representation to the principal inspite of such representation.

If the candidate is not admitted such candidates may send representation to the Additional Director of Technical Education (Polytechnics), Chennai - 25, furnishing all particulars such as marks secured in the basic subjects, Total marks in SSLC or in the qualifying examination, name of the course applied for, the date on which he/she represented to the principal along with a copy of the representation.

The candidates are also advised in their own interest to send their applications duly filled into the principal by registered post with A/D.

THE FOLLOWING ORIGINAL CERTIFICATE SHOULD BE PRODUCED AT THE TIME OF ADMISSION TO THE PRINCIPAL.

a. Conduct Certificate in original from the Head of Educational Institution in which the candidate had last studied.

b. Transfer Certificate in Original from the Head of the Education Institution in which the candidate had last studied.

c. SSLC Book or equivalent record.

d. SSLC Mark Sheet or mark sheet issued by the concerned educational authority for the qualifying examination. (Note: SSLC Mark Sheet issued by the Head Master of the School, will not accepted)

e. Certificate regarding proficiency in games if any.

f. Original Community certificate for ST/ SC(A) / MBC & DC / BC others BC (Muslims) from prescribed authority.

12. LIBRARY
Library Facilities

S. No	Particulars	Available
1.	Volumes	27633
2.	Titles	5950
3.	Journals	25
4.	Library Management Software	1
5.	Reading Room Seating Capacity	165
6.	Multi Media PC	10

Instructional Area-Common Facilities

S. No	Particulars	Room Area (Sq. m)
1.	Computer Center	213
2.	Library & Reading Room	529
3.	Language Laboratory	71
Total		**813.00**

Existing Programme / Engineering and Technology-Diploma

S. No	Particulars	No of Rooms	Room Area (Sq. m)
1.	Classroom	21	1525
2.	Tutorial Room	06	238
3.	Seminar Hall	01	259
4.	Workshop	03	485
5.	Drawing Hall	01	182
6.	Laboratory	29	2806
		TOTAL	**5607.00**

List of facilities available:

1. Sports and Games :

S. No	Event	Venue	Category	No of Courts Available
		Outdoor Facility		
1	Volleyball	RPCG Ground	Men/Women	02, Mud Courts
2	Handball	RPCG Ground	Men/Women	01, Mud Courts
3	Kho-Kho	RPCG Ground	Men/Women	01, Mud Courts
4	Badminton	RPCG Ground	Men/Women	01, Mud Courts
5	Tennikoit	RPCG Ground	Women	01, Mud Courts
6	Ball badminton	RPCG Ground	Men/Women	03, Mud Courts
7	Throw ball	RPCG Ground	Men/Women	01, Mud Courts
8	Football	RPCG Ground	Men/Women	01, Mud Courts
9	Cricket	RPCG Ground	Men/Women	02, Mud Courts
10	Cricket Nets	RPCG Ground	Men/Women	01, Mat, 01-Concrete

Indoor Facility				
1	Badminton	RPCG Indoor Court	Men/Women	01, Concrete Courts
2	Table Tennis	RPCG Indoor Court	Men/Women	02 Tables
3	Chess	RPCG Indoor Court	Men/Women	-
4	Carrom	RPCG Indoor Court	Men/Women	4 Board
5	Yoga	RPCG Assembly Hall	Men/Women	-

2. Clubs:

• Mechatronics & Robotics Club	• Rain Water Harvesting Club
• Green Club	• Clean Campus Club
• Innovation Club	• English Club
• Drone Club	• Standards Club
• Environmental Club	• Soft Skill Club
• Electronics Hobby Club	• Automation Club
• Fine Arts Club	• E-Vehicle Club
• Micro Controller Club	• Renewable Energy Club
• Energy Conservation Club	• Welding Club
• IoT Club	• Social Media Club

ACADEMIC CALENDAR

DEPARTMENT OF TECHNICAL EDUCAITON, CHENNAI-25

POLYTECHNIC COLLEGES

REVISED CALENDAR OF EVENTS FOR THE ACADEMIC YEAR 2021- 2022

(TENTATIVE)

I Year Full Time, Part Time and Special Reservation Admissions: On-line		
Date of Release of Advertisement in News Paper	24.06.2021	THURSDAY
Commencement Date of Online Registration for 1st year (Full Time) Part Time & Post Diploma	25.06.2021	FRIDAY
Last Date of Online Registration for 1st year (Full Time) , Part Time & Post Diploma	28.07.2021	WEDNESDAY
Special Reservation Counselling for Sons / Daughters of Ex-Servicemen	13.08.2021	FRIDAY
Special Reservation Counselling for Sports Quota	13.08.2021	FRIDAY
Closing date for I year (Full Time), Part Time & Post Diploma Admission	12.09.2021	SUNDAY
Commencement Of Classes For 1st year (Full Time) Part Time & Post Diploma Admission	13.09.2021	MONDAY
Last Date for the receipt of B-Form from Institutions	30.09.2021	THURSDAY
Commencement of I Year Part Time & Post Diploma Certificate Verification of admitted students	06.10.2021	WEDNESDAY
End of I Year Part Time & Post Diploma Certificate Verification	29.10.2021	FRIDAY
Lateral Entry Admissions: On-line		
Date of Release of Advertisement in News Paper	18.07.2021	SUNDAY
Commencement Date of Online Registration	20.07.2021	TUESDAY
Last date of Online Registration	05.08.2021	THURSDAY
Closing date for Lateral Entry Admission	03.09.2021	FRIDAY
Last date for receipt of B-Form from the Institutions	09.09.2021	THURSDAY
Commencement of Lateral Entry Certificate Verification of admitted students	13.09.2021	MONDAY
End of Lateral Entry Certificate Verification of admitted students	05.10.2021	TUESDAY