



Establishment : June 1961
Independent : 1967

Re-accredited 'A' Grade

Dayanand Education Society's

Dayanand Science College

Latur, Maharashtra (India)

(UGC - CPE College)

(DST-FIST Sponsored College)

(Best College Award by SRTMU, Nanded)

(Affiliated to - Swami Ramanand Teerth Marathwada University, Nanded)

Phone No.: (02382) 221149, 222929

E-mail : daya_scin1@rediffmail.com

Fax No. : (02382) 221149

Website : www.dsclatur.org

Laxmiraman Lahoti

President

Dr. Jaiprakash Dargad

Principal

Ramesh Biyani

Secretary

Ref. No. *Work-Shop/2020-21/ 717*

Date : 07/01/2021

To,

The Coordinator,

Dr. C S Ravikumar

Joint Science Education Panel,

Indian Academy of Sciences,

C. V. Raman Avenue,

Bangalore 5600080.

Email - ravi@ias.ac.in

Sir,

Please find enclosed herewith the bills of expenditure and utilization certificate signed by accountant of Dayanand Science College, Latur as per our discussion on mobile. The statement of receipts and payments certified by finance personnel of our institution. You are requested to verify it at the earliest and pay the total amount of expenditure, since we have not received any advance. The account details for depositing the amount of Rs.47510/- are already given to you as per our old account. Also find the copies of the Time-Table and Photographs and such other necessary documents. Please pay the amount at the earliest.

Yours faithfully,

Principal

& Organizer

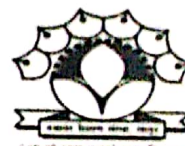
Dayanand Science College,

Latur

PRINCIPAL

Dayanand Science College

LATUR



Coordinator's Report

Science Academie's Virtual Lecture Workshop On Quantum Mechanics and Electronics 01st to 03rd Jan. 2021

The proposal for the Virtual Workshop was submitted to the Academy on 1st Oct. 2020 for sanction.

The Three days Virtual Workshop when it was approved on 24th December 2020. Then, I have to ask each Resource Persons about allotment of articles in the given Topics in the Proposal. Dr. Rajaram Nitayananda has expressed his inability to take 6 periods as was accepted initially. Hence those Two periods are allotted to Dr. Shashikala Gangal as extra periods, while framing the Time-Table. After preparing the Time-Table it was sent to the Three Resource Persons and to the Principals of Rajarshi Shahu College , Latur and Shri Chhatrapati Shivaji College Omurga and Asked them to gie list of participating students from M.Sc. Physics classes. Rajarshi Shahu College has given a list of 63 students, Shri Chhatrapati Shivaji College Omurga has given list of 20 students and from Dayanand Science College 53 students. Total participants are 136.

We have informed Resource persons for a Demo (To check up) the connectivity with the given-link on 27th December 2020 at 5=00pm.

Also we have informed all the students for the demo on 30, 31 December 2020 at 11=00 am.

So, that there shouldn't be any difficulty in the regular periods. Formal inauguration was also declared in the Time-Table only and accordingly principal of Dayanand Science College, Latur Dr. J. S. Dargad, The organizer of the workshop, the chief guest and convener of the workshop Dr. Rajaram Nitayananda and myself have expressed the views regarding this Virtual Workshop and about the Academies providing the funds for organizing such workshops, seminars etc. was also explained to the students. The importance and opportunities in the subject of Quantum Mechanics and Electronics in their future carrier was explained to the students.


In virtual workshop I find certain difficulties of internet problem some times, problems in the mobiles of students having 2 GB data and charging etc on the very first day last period of Dr. Shashikala Gangal was completed within 15 minutes because of there internet problem. I have requested her to complete the Title of that period 4=15 to 5=15 pm the next day i.e. 02.01.2021 at 9.30 am. At an earlier time and students were informed accordingly.

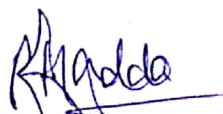
The complete syllabus given in the proposal was covered by all the Resource persons Few Photographs are enclosed of the resource persons while teaching and few other photographs are also enclosed. Ten staff members of local two colleges have attended this workshop. Principal of the college Dr. J. S. Dargad, Dr. Rohini Shinde, Dr. Lalit Thakre and Prof. Shweta Lokhande and Shri. Vishnu Naikwade have cooperated and helped me in organizing the workshop successfully. Supporting Documents to the statements in the report are enclosed herewith. There was problem with Dr. Shashikala Gangal may be internet, or Laptop but on 02.01.2021 also but She covered the timetable by having extra time and covered the given topics. Everything was completed satisfactorily. The publicity was given by giving news in a state level papers about the Virtual Workshop in Quantum Mechanics and Electronics. The cuttings of the News paper are enclosed. Letter of attendance will be issued to the participants to those who have attended the workshop. The feedback and request for letter of attendance from few students are enclosed herewith.

Suggestions :-

- 1) I have to state that it will be better if you sanction the proposal at least fortnight earlier than the start of the workshop, so that we can get enough time to communicate and manage everything in a better way.
- 2) Also local supporting staff members will have to be paid an Honorarium. Otherwise it becomes very difficult for the co-coordinator alone to manage everything of the course. The staff will have assistance to the co-coordinator, but they avoid by saying I have got my regular work etc. in general.
- 3) Face to face (Actual) Workshops will be more effective than there tiring virtual workshops where there will no direct control on students to attend and so on. This is alright because of covid19.
- 4) Advance amount should be paid at least for payment of Resource Persons otherwise you can pay directly to them by getting list and amount to be paid. Local payments can be paid afterwards as such where from the payment can be done.

I express my thanks to Ravikumar and Geetha Madam for getting sanction of our proposals of Workshop.


PRINCIPAL
Dayanand Science College
LATUR


R.H.Ladda
Coordinator
Dayanand Science College, Latur



Dayanand Science College, Latur. (M.S.)

Science Academies Virtual Lecture Workshop On Quantum Mechanics and Electronics

(01st to 03rd January, 2021)

Time-Table

Day & Date	Inaugural Function	Period - I	11.00 to 11.15	Period - II	12.30 to 12.45	Period - III	1.45 to 2.45	Period - IV	4.00 to 4.15	Period - V
Time	09.30	10.00 - 11.00		11.15 - 12.30		12.45 - 1.45		2.45 - 4.00		4.15 - 5.15
Friday 01/01/2021		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Transmission Lines - parallel wire, coaxial and microstrip lines		Prof. Dr. Rajaram Nitayananda FNA, FASc, Faculty Member, IISER College, Pune Molecular beams, atomic clocks,		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Waveguides - Rectangular, circular		Prof. Dr. Rajaram Nitayananda FNA, FASc, Faculty Member, IISER College, Pune MRI imaging, interaction		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Microwave hybrid circuit, Directional coupler
Saturday 02/01/2021		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Scattering Matrix, Smith chart		Prof. Dr. Rajaram Nitayananda FNA, FASc, Faculty Member, IISER College, Pune GPS and interaction	Interval	Prof. Dr. Vijaya Puri UGC Research Scientist 'C' (Professor) Department of Physics Shivaji University Kolhapur 416004 INDIA Ferrite devices isolator	Lunch Break	Prof. Dr. Rajaram Nitayananda FNA, FASc, Faculty Member, IISER College, Pune Theory of spins and NMR interaction	Tea Break	Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Microwave tubes - Velocity modulation, klystron amplifier, Reflex klystron
Sunday 03/01/2021		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Basic Principles of magnetrons and traveling wave tube, applications		Prof. Dr. Vijaya Puri UGC Research Scientist 'C' (Professor) Department of Physics Shivaji University Kolhapur 416004 INDIA Gyrator, circulator		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Transfer electron devices, Gunn diode, IMPATT and TRAPPAT		Prof. Dr. Vijaya Puri UGC Research Scientist 'C' (Professor) Department of Physics Shivaji University Kolhapur 416004 INDIA Phase shifter and attenuator		Prof. Dr. Shashikala Gangal Ex. Prof. Emeritus (UGC) Ex. ISRO Chair Professor Ex. Prof & Head, Dept. of Electronics Science Savitribai Phule University, Pune Tunnel diode and Pin diode, Applications

PRINCIPAL
Dayanand Science College
LATUR

[Signature]
Co-Ordinator

DAYANAND SCIENCE COLLEGE, LATUR

DEPARTMENT OF PHYSICS

THREE DAYS VIRTUAL WORKSHOP ON QUANTUM MECHANICS & ELECTRONICS FOR PG STUDENTS

VIRTUAL ATTENDANCE

SR. NO.	NAME OF PARTICIPANT	COLLEGE NAME
1	AMOL VYAVIHARE	DAYANAND SCIENCE COLLEGE, LATUR
2	ARCHANA GIRI	DAYANAND SCIENCE COLLEGE, LATUR
3	ARTI MORE	DAYANAND SCIENCE COLLEGE, LATUR
4	ASHWINI DHANADE	DAYANAND SCIENCE COLLEGE, LATUR
5	BABYSUMAIYA SHAIKH	DAYANAND SCIENCE COLLEGE, LATUR
6	DARSHAN DESHPANDE	DAYANAND SCIENCE COLLEGE, LATUR
7	DR JAIPRAKASH DARGAD	DAYANAND SCIENCE COLLEGE, LATUR
8	DR. R. H. LADDA	DAYANAND SCIENCE COLLEGE, LATUR
9	GANESH MALEGAONKAR	DAYANAND SCIENCE COLLEGE, LATUR
10	GANESH PAWAR	DAYANAND SCIENCE COLLEGE, LATUR
11	KANCHAN DAPKE	DAYANAND SCIENCE COLLEGE, LATUR
12	LAHU KATHWATE	DAYANAND SCIENCE COLLEGE, LATUR
13	LALIT THAKRE	DAYANAND SCIENCE COLLEGE, LATUR
14	MANALI DALIMBE	DAYANAND SCIENCE COLLEGE, LATUR
15	MANE ASHWINI	DAYANAND SCIENCE COLLEGE, LATUR
16	MANISHA MATHPATI	DAYANAND SCIENCE COLLEGE, LATUR
17	MEERA SHINDE	DAYANAND SCIENCE COLLEGE, LATUR
18	MEHRAJ SAYYAD	DAYANAND SCIENCE COLLEGE, LATUR
19	MOHINI PATIL	DAYANAND SCIENCE COLLEGE, LATUR
20	NARENDRA SOLANKE	DAYANAND SCIENCE COLLEGE, LATUR
21	NAZIYA SHAIKH	DAYANAND SCIENCE COLLEGE, LATUR
22	NIKHIL HARE	DAYANAND SCIENCE COLLEGE, LATUR
23	NISHIGANDHA GHOGARE	DAYANAND SCIENCE COLLEGE, LATUR
24	PALLAVI SONAWANE	DAYANAND SCIENCE COLLEGE, LATUR
25	PRADIP KAWALE	DAYANAND SCIENCE COLLEGE, LATUR
26	PRANITA CHAFE	DAYANAND SCIENCE COLLEGE, LATUR
27	PRAPTI WAGHMARE	DAYANAND SCIENCE COLLEGE, LATUR
28	RADHIKA VYAS	DAYANAND SCIENCE COLLEGE, LATUR
29	RAKESHKUMAR KAMBLE	DAYANAND SCIENCE COLLEGE, LATUR
30	ROHINI SHINDE	DAYANAND SCIENCE COLLEGE, LATUR
31	SACHIN KADAM	DAYANAND SCIENCE COLLEGE, LATUR
32	SANDHYARANI SOMWANSHI	DAYANAND SCIENCE COLLEGE, LATUR
33	SHANTESHWAR DODKE	DAYANAND SCIENCE COLLEGE, LATUR
34	SHUBHANGI JADHAV	DAYANAND SCIENCE COLLEGE, LATUR
35	SHWETA LOKHANDE	DAYANAND SCIENCE COLLEGE, LATUR
36	SHWETA MANE	DAYANAND SCIENCE COLLEGE, LATUR
37	SUDARSHAN KAWADE	DAYANAND SCIENCE COLLEGE, LATUR
38	SWITI JADHAV	DAYANAND SCIENCE COLLEGE, LATUR
39	ULAGADDE KEDAR RAJKUMAR	DAYANAND SCIENCE COLLEGE, LATUR
40	VAISHALI CHANDAK	DAYANAND SCIENCE COLLEGE, LATUR
41	VITTHAL MULE	DAYANAND SCIENCE COLLEGE, LATUR
42	YATENDRA DIXIT	DAYANAND SCIENCE COLLEGE, LATUR
43	YOGESH KURHADE	DAYANAND SCIENCE COLLEGE, LATUR
44	DR. RAJARAM NITYANAND	IISER PUNE
45	ABHIJIT YADAV	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
46	ABHIMANYU KSHIRSAGAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
47	ALANGE TEJASHRI ARUN	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
48	ANNAPURNA BACHATE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
49	ARCHANA UGILE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.

DAYANAND SCIENCE COLLEGE, LATUR

DEPARTMENT OF PHYSICS

THREE DAYS VIRTUAL WORKSHOP ON QUANTUM MECHANICS & ELECTRONICS FOR PG STUDENTS

VIRTUAL ATTENDANCE

SR. NO.	NAME OF PARTICIPANT	COLLEGE NAME
50	BHOJANE PRADIP	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
51	BIRAJDAR NAMRATA SHIVAJI	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
52	BIRAJDAR PARMESHWAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
53	BUSHARA KOTWAL	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
54	CHINCHBANKAR SWATI SUBHASHRAO	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
55	DAYANAND RAJE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
56	DHUMAL PRASAD	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
57	GAJANAN UDBALE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
58	HAWALDAR MAYURI VENKATRAO	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
59	JAGTAP MAYURI HANMANT	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
60	KINNARI SHENDGE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
61	KRANTI BHOSALE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
62	KSHITIJA SUTAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
63	MALLIKARJUN BISE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
64	MANISHA RAUT	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
65	MARUTI KUMBHAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
66	MORE GITANJALI	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
67	NIKHIL BAWASKAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
68	NILESH CHAWALE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
69	OMPRAASAD KSHIRSAGAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
70	PATIL RUTUJA ANKUSH	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
71	POOJA GANGOTRI	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
72	PRANAV BURNAPALLE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
73	RAVI BIRAJDAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
74	RUSHIKESH NATHBONE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
75	SAMRIN SHAIKH	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
76	SAYYAD HAIDAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
77	SHAIKH HIRAM NIJAM	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
78	SHITAL PATIL	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
79	SHRADHA BOYANE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
80	SHUBHANGI SOMWANSHI	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
81	SUMIT BESKE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
82	SWAPNIL BHORDE	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
83	SWAPNIL UNDALKAR	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
84	THORAT POONAM VYANKATESH	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
85	VAISHNAVI PATIL	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.
86	DR. VIJAYA PURI	SHIVAJI UNIVERSITY, KOLHAPUR
87	ASHOK PADAMPALLE	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
88	AVINASH MALI	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
89	DIVYA ARBALE	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
90	HARIKISHAN HOLKAR	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
91	KAILASH METI	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
92	MANISHA SABANE	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
93	MARUTI PANDHARE	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
94	NAGESH GIRI	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
95	SAKSHI NALDURGKAR	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
96	SANDEEP PATIL	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
97	SATYEWAN NELWADE	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.
98	SHAHURAJ PAWAR	SHRI. CHHATRAPATI SHIVAJI COLLEGE. OMERGA.

DAYANAND SCIENCE COLLEGE, LATUR

DEPARTMENT OF PHYSICS

THREE DAYS VIRTUAL WORKSHOP ON QUANTUM MECHANICS & ELECTRONICS FOR PG STUDENTS


VIRTUAL ATTENDANCE

SR. NO.	NAME OF PARTICIPANT	COLLEGE NAME
99	SIDDHESHWAR SUBHEDAR	SHRI CHHATRAPATI SHIVAJI COLLEGE, OMERGA.
100	VAIBHAV SURWASE	SHRI CHHATRAPATI SHIVAJI COLLEGE, OMERGA.
101	VIRAYYA SWAMI	SHRI CHHATRAPATI SHIVAJI COLLEGE, OMERGA.
102	VISHWAJEET PATIL	SHRI CHHATRAPATI SHIVAJI COLLEGE, OMERGA.
103	DR. SHASHIKALA GANGAL	SPPU, PUNE



PRINCIPAL
Dayanand Science College
LATUR

Sr. No.	College Name	Total Student
1	DAYANAND SCIENCE COLLEGE, LATUR	43
2	IISER PUNE	1
3	RAJARSHI SHAHU MAHAVIDYALA (AUTONOMOUS),LATUR.	41
4	SHIVAJI UNIVERSITY, KOLHAPUR	1
5	SHRI. CHHATRAPATI SHIVAJI COLLEGE, OMERGA.	16
6	SPPU, PUNE	1
Total		103


PRINCIPAL
Dayanand Science College
LATUR



Indian Academy of Sciences, Bengaluru
 Indian National Science Academy, New Delhi
 The National Academy of Sciences India, Prayagraj

SCIENCE ACADEMIES' EDUCATION PROGRAMME

P.B. No. 8005 C.V. Raman Avenue, Sadashivanagar Post, Bengaluru 560 080
 Telephone: (080) 2266 1207, 2266 1210, Fax: (080) 2361 6094
 Email: sep@ias.ac.in Website: www.ias.ac.in

28 December 2020

JOINT SCIENCE EDUCATION PANEL

Indian Academy of Sciences

M R N Murthy (Chairman)
 D G Kanhere (Co-Chairman)
 Suvendra N Bhattacharyya
 Amitabha Chattopadhyay
 Nitin Chattopadhyay
 Arun K Grover
 Indranil Manna
 C Narayana
 Sourav Pal
 Dhananjai Pandey
 T Pradeep
 K N Raghavan
 G Rajasekaran
 Pulak Sengupta
 Annapurni Subramaniam

Indian National Science Academy, New Delhi

Madhu Dikshit
 I B S Passi
 Diptiman Sen
 K D Sen

The National Academy of Sciences, India

Prayagraj
 V P Dimri
 Paramjit Khurana
 Swapan K Ghosh
 Gadadhar Misra

Contact Address

C S Ravi Kumar
 Coordinator,
 Science Education
 Programme
 Indian Academy of Sciences
 P.B. No.8005
 C. V. Raman Avenue
 Sadashivanagar P.O.,
 Bengaluru 560 080, India

Telephone
 91-80- 2266 1207
 91-80- 2266 1210
 Fax: 080 2361 6094

Email:
 sep@ias.ac.in

Dr R.H. Ladda
 Ex Principal
 3, Bhagya Nagar
 Old Ausa Road
 Latur 413 512

Sub: Lecture Workshop on "Quantum Mechanics and Electronics" during 01-03 January 2021.

Dear Sir,

Thank you for submitting the proposal for conducting the virtual Lecture Workshop on "Quantum Mechanics and Electronics". The budget of Rs. 47,500/- (Rupees Forty-Seven Thousand and Five Hundred only, capital items i.e., webcam, microphone etc. will not be paid by the Academy) has been approved by the Academy. Honorarium for supporting staff is inadmissible.

After the completion of the Workshop we need the following:

1. a brief report of the workshop
2. time-table of the workshop
3. Statement of receipts and payments certified by finance personnel of your institution or a Chartered accountant.
4. Detailed statement of accounts (In the prescribed format) along with copies of vouchers/bills.
5. Utilization certificate as per GFR 19A (enclosed)

Please settle all the claims at your end and send us the final expenditure statement for releasing the amount. ←

We wish the Workshop all success.

With regards,

C S Ravi Kumar
 Coordinator
 Science Education Programmes

Format for sending statement of expenditure for Lecture Workshop


Lecture Workshop on Quantum Mechanics & Electronics dates 01 to 03 Jan. 2021.


Total participants approved by IAS: 100-150 No. actually participated 136

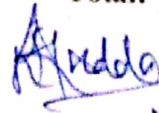
(Students: 136 ; Teachers: 10 ; Resource Persons: 3 ; Supporting Staff: 4)

Sl. No.	Budget head / amount sanctioned (Rs)	Particulars (name of payee/item)	Amount spent
1	a. Honorarium for resource persons (at Rs. 2000/- per lecture)	a. Dr. Rajaram Nitayananda b. Dr. Shashikala Gangal c. Dr. Vijaya Puri d. Dr e. Dr	8000.00 16000.00 6000.00
	b. Honorarium for convener/co-ordinator (Rs 2500/ Rs 2000)	a. Dr Rajaram Nitayananda b. Dr Ladda R. H. c. Dr	2500.00 2000.00
Total			34500.00
2.	Webinar Platform charges	a. Shri. Hanmant Sagare Rental Charges for -Creation of Micro Soft "Team App" for online Webinar Platform. Ii) Registration of students and Resource Persons on Webinar b. Dr c. Dr d. Dr e. Dr	10000.00
Total			10000.00
3.	Incidental Expenses	a. Uday Automotive Services, Latur Petrol 3.29ltr b. Krishna Tea House, Latur (1 to 3 Jan 2021 300x3=900 c. Komal Digital Photo Studeo, Latur 50 x 12 = 600 d. Aditya Comunication, Dayanand Complex, Latur 150 x 5 e. Postage, Latur f. Aditya Comunication, Dayanand Complex, Latur Xerox of Time-table and other documents 70 x 3	300.00 900.00 600.00 750.00 250.00 210.00
Total			3010.00

Total: 47510/-


PRINCIPAL
Dayanand Science College
LATUR


Accountant
Dayanand Science College
LATUR


Coordinator

Notes:

- a.** Mention the name of the payee (and paid for what item).
- b.** Each payment should be listed separately. Use additional sheets if necessary.
- c.** All bills/ vouchers should be enclosed to this statement.
- d.** The bills (countersigned by the co-ordinator on the reverse) should be given the same sl.no. as in the statement for easy reference, e.g. 1a, 1b etc.

GFR 19-A

(See Rule 212(1))

Form of Utilization Certificate

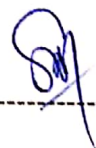
S.No.	Letter No. and Date	Amount (Rs.)
1	28th December 2020	47500.00
		47500.00

Certified that out of Rs.47500/- Of Grants-in-aid sanctioned during the years 2020-21 in favour of **Dayanand Science College Latur** under this Ministry/Department letter No. given in the margin and Rs. ---- on account of unspent balance of the previous year, -- a -sum of Rs.----has been utilized for the purpose of 47500/- for which it was sanctioned and that the balance of Rs. **NIL** remaining unutilized at the end of the year has been surrendered to Government (vide No. - ----dated---) will be adjusted towards the grants-in-aid payable during the next year ---.

1. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kindes of checks exercised

1. The Bills and Payments are found correct
2. and Hence certified
- 3.
- 4.
- 5.

Signature  -----
Designation **Accountant** -----
Dayanand Science College
LATUR
Date **07.01.2021** -----


PRINCIPAL
Dayanand Science College
LATUR

Name and Addresses of Mentors

- 1) **Name** : **Prof. Dr. Rajaram Nitayananda**
FNA, FASc,
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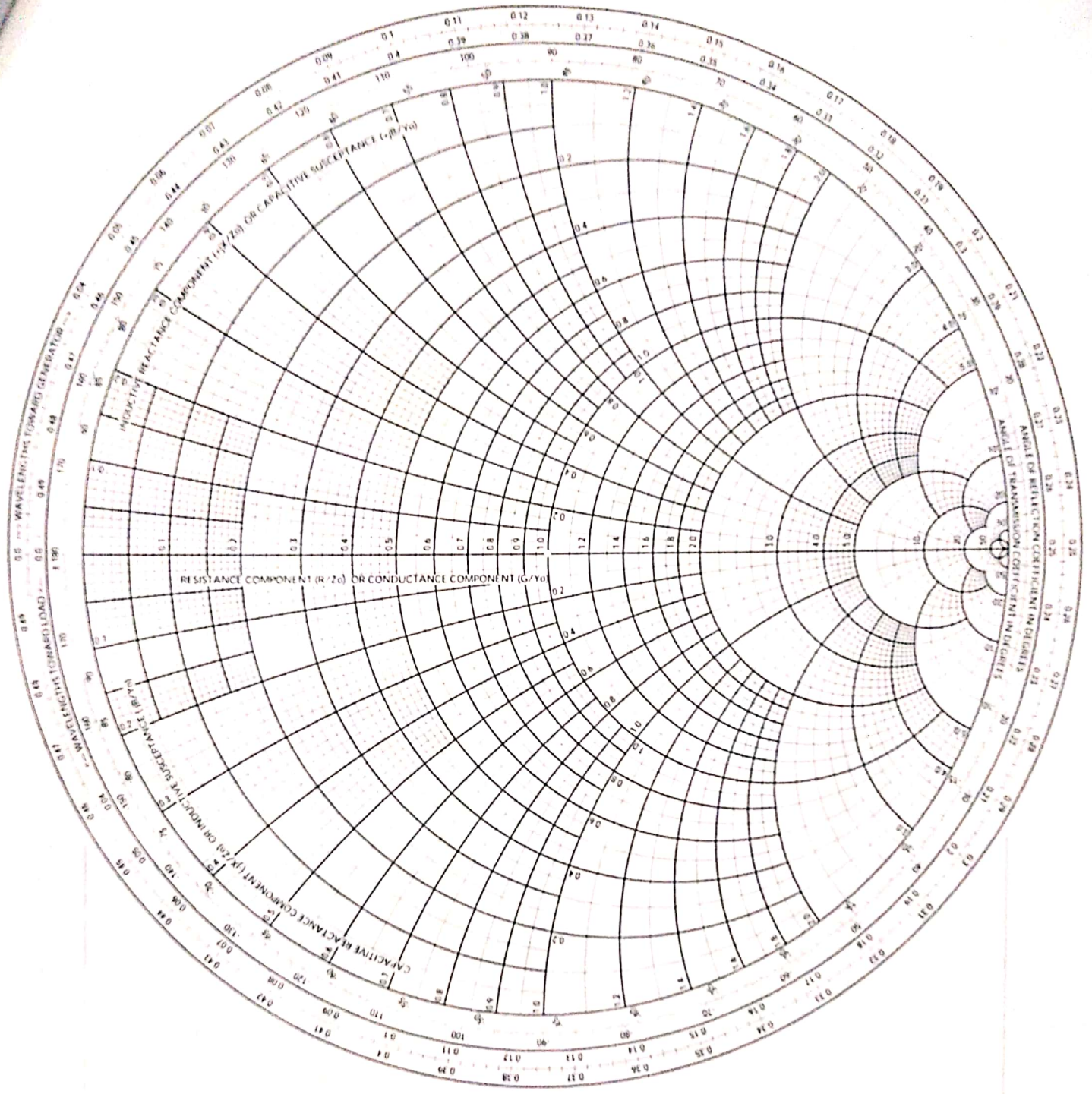


Name and Addresses of Mentors

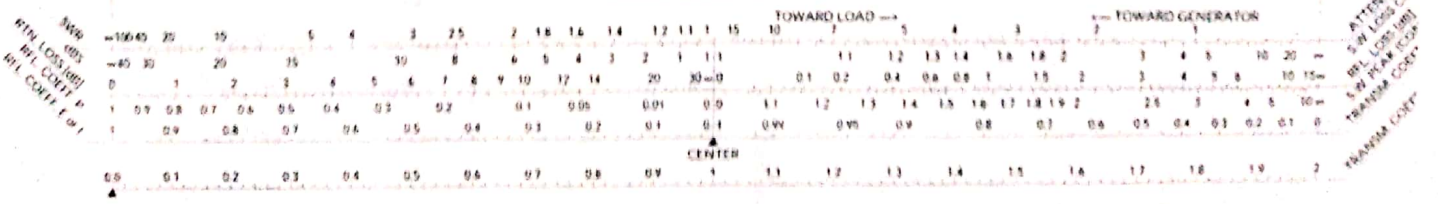
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Smith Chart



RADIALLY SCALED PARAMETERS



Dr Shashikala Gangal, used in her teaching

पुण्य नगरी



पुण्य नगरी

क्वांटम मेकॅनिक्स क्षेत्रात भावंड्या घडवावे

पदव्युत्तर भौतिकशास्त्र विद्यार्थ्यांना डॉ. राजाराम नित्यानंद यांचे मार्गदर्शन

लातूर / प्रतिनिधी

स्पर्धेच्या युगात प्रत्येक विद्यार्थ्यांनी पदवीनंतर पदव्युत्तर वर्गात शिकत असतानाच भावी आयुष्याची पायाभरणी केली पाहिजे. विज्ञान-तंत्रज्ञानाच्या युगात 'क्वांटम मेकॅनिक्स आणि इलेक्ट्रॉनिक्स' सारख्या विषयात भावि घडविले पाहिजे, असे मार्गदर्शन भारतीय विज्ञान शिक्षण आणि संशोधन संस्था पुणे येथील डॉ. राजाराम नित्यानंद यांनी केले.

येथील दयानंद विज्ञान महाविद्यालय व इंडियन अकॅडमी ऑफ सायन्स, बंगळूर यांच्या संयुक्त विद्यमाने १ ते ३ जानेवारी दरम्यान 'क्वांटम मेकॅनिक्स आणि इलेक्ट्रॉनिक्स' या विषयावरील पदव्युत्तर भौतिकशास्त्र विद्यार्थ्यांसाठी तीन दिवसीय ऑनलाइन कार्यशाळेचे

आयोजन केले होते. याप्रसंगी ते प्रमुख पाहुणे म्हणून बोलत होते. याप्रसंगी प्राचार्य डॉ. जयप्रकाश दरगड, शिवाजी विद्यापीठ कोल्हापूर येथील भौतिकशास्त्र विभागातील डॉ. विजया पुरी, सावित्रीबाई फुले पुणे विद्यापीठातील इलेक्ट्रॉनिक विभाग प्रमुख डॉ. शशिकला गांगल, माजी प्राचार्य आर. एच. लड्डा, भौतिकशास्त्र विभाग प्रमुख डॉ. ललित ठाकरे, डॉ. विश्वनाथ मोटे, प्रा. श्वेता लोखंडे, डॉ. रोहिणी शिंदे आदींची प्रमुख उपस्थिती होती. यावेळी प्राचार्य डॉ. जयप्रकाश दरगड यांनीही मार्गदर्शन केले. प्रास्ताविक माजी प्राचार्य आर. एच. लड्डा यांनी केले. सूत्रसंचालन डॉ. रोहिणी शिंदे यांनी केले. आभार डॉ. ललित ठाकरे यांनी मानले. या कार्यशाळेमध्ये दयानंद विज्ञान

▶▶ पान २ वर

पुरोगामी विचारांचे
एकमत

► दयानंद विज्ञान महाविद्यालयात तीन दिवसीय ऑनलाईन कार्यशाळा ► डॉ. राजाराम नित्यानंद यांचे मत

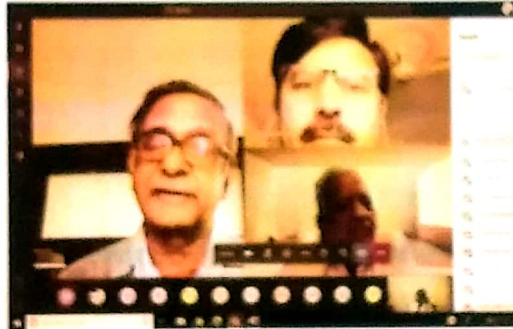
क्वांटम मेकॅनिक्स, इलेक्ट्रॉनिक्स' या क्षेत्रात संशोधनाची संधी

लातूर : प्रतिनिधी

सध्याच्या रघुचैत्या युगात प्रत्येक विद्यार्थ्यांनी पदवीनंतर पदव्युत्तर वर्गात शिकत असतानाच भाषी अत्याधुनिक प्राध्यापकांनी केलेली पाहिले. महाविद्यालयाचे वेगवेगळ्या कार्यशाळेच्या माध्यमातून जी अद्ययावत ज्ञानाची शिंदेरी उपलब्ध करून दिली त्या प्रत्येक कार्यशाळेतील ज्ञानाच्या सहभाग वाढवून घेण्याचे ध्येय होते. 'क्वांटम मेकॅनिक्स अँड इलेक्ट्रॉनिक्स' या विषयात अभ्यास, संशोधन करून भविष्य घडविले पाहिजे. त्यात अनेक संधी आहेत, त्या संधींचे साधन केले पाहिजे, असे प्रतिपादन भारतीय विज्ञान शिक्षण आणि संशोधन संस्था, पुणे येथील डॉ. राजाराम नित्यानंद यांनी केले.

लातूर येथील दयानंद विज्ञान महाविद्यालय, लातूर व इंदिरा अकाॅडमी ऑफ

सायन्स, बंगळूर यांच्या संयुक्त विद्यमाने दि. १ ते ३ जानेवारी दरम्यान 'क्वांटम मेकॅनिक्स



आणि इलेक्ट्रॉनिक्स' या विषयावरील पदव्युत्तर शैक्षणिकशास्त्र विद्यार्थ्यांसाठीच्या तीन दिवसीय ऑनलाईन कार्यशाळेचे उद्घाटन झाले. याप्रसंगी

ते प्रमुख पाहणे म्हणून बोलत होते. याप्रसंगी डॉ. जयप्रकाश दामड, डॉ. विजया पुरी, डॉ. शशिकला मांगल, माजी प्राचार्य आर.एच. लड्डू, डॉ. ललित ठाकरे, डॉ. विश्वनाथ मोटे, प्रा. श्वेता लोखंडे, डॉ. रोहिणी शिंदे आदींनी प्रमुख उपस्थिती होती. यावेळी प्राचार्य डॉ. दामड यांनी पदव्युत्तर एम. एस्सी. शैक्षणिकशास्त्र प्रथम आणि द्वितीय वर्षातील कार्यशाळेतील तज्ज्ञ मार्गदर्शकांनी दिलेल्या ज्ञानाचा समाजासाठी उपयोग करा असे सांगून या संधीचा, या

कार्यशाळेच्या पुरेपूर फायदा घ्या आणि संधीचे सोने करा असे ते म्हणाले.

या कार्यशाळेच्या प्रारंभिक माजी प्राचार्य आर.एच. लड्डू यांनी केले. सूत्रसंचालन डॉ. रोहिणी शिंदे यांनी केले. तर आचार्य डॉ. ललित ठाकरे यांनी मानले. या कार्यशाळेमध्ये दयानंद विज्ञान महाविद्यालय, लातूर व राजर्षी शाहू महाविद्यालय, लातूर आणि छत्रपती शिवाजी महाविद्यालय, उमरगा येथील एम. एस्सी. शैक्षणिकशास्त्र पदव्युत्तर वर्षातील विद्यार्थी उपस्थित होते. संबंधित महाविद्यालयाच्या प्राचार्यांचेही या कार्यशाळेसाठी सहकार्य लाभले. याप्रसंगी डॉ. अभिजीत यादव, प्रा. दयानंद राणे, प्रा. एम. पी. पिसे, प्रा. एम.बी. कुंभार, प्रा. एस. एस. इंदलकर, डॉ. ए.एस.पदमपळे, डॉ. पी.के. नाथकवाड आदी प्राध्यापक, शिक्षकतेत कर्मचारी उपस्थित होते.