



Dayanand Education Society's

Dayanand Science College, Latur, Maharashtra India



Department of Mathematics

ATR

**One Day University Level Workshop on 'Implementation of
Curriculum of B. Sc. II (Mathematics) in NEP-2020'
(July 08 - 2025)**

By

Dr. S. S. Bellale

Head

Department of Mathematics

**Dayanand Science College, Latur,
Maharashtra, India.**

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Institution Track Id: MHCOGN10815



Event: Workshop

Sr. No	Title	Information
1.	Name of Department	Mathematics
2.	Title of Event	One Day University Level Workshop on 'Implementation of Curriculum of B. Sc. II (Mathematics) in NEP-2020'
3.	Date or Duration	08 July, 2025
4.	Venue of the Event	Dayanand Science college, Latur.
5.	Sponsor/ Collaboration	Swami Ramanand Teerth Marathwada University, Nanded
6.	Level of Event	University
7.	Aims/Objectives of the Event	In this workshop participants will get detailed knowledge of how to perform and conduct theory, and practical modules of major and minor and also Skill based course Mathematics.
8.	Beneficiaries/ Participants	Faculty
9.	Number of Participants	41
10.	Name of Chief Guest, Speakers	Dr. Ashok Mahajan (Chief Guest) Speakers 1. Dr. M. S. Wavare 2. Dr. Y. M. Muley 3. Dr. S. S. Handibag 3. Dr. M. S. Aglave 4. Dr. P. R. Kulkarni
11.	Name of Coordinator	Dr. S. S. Bellale
12.	Photographs	Attached
13.	Evidence Produced	<ul style="list-style-type: none">List of participantsEvent Photo
14.	Outcomes of the Event	<ol style="list-style-type: none">All faculty familiarizes with new NEP-2020 B.Sc. II syllabusParticipants receive a foundational overview of Sage Math, R software, and Essential Mathematics for Data Science, covering their relevance and basic functionalities.
15.	Any other information	In this NEP-2020 workshop – Dr. B. D. Karande given valuable talk on application of new syllabus of mathematics.



Background

Department of mathematics is one of the best department in Marathwada region in SRTMUN. This department has UG, PG, Ph. D, M. Phil courses & Research Centers in Mathematics and MATLAB COC Courses. Every year the students from this department got Gold Medal from SRTMUN.

On 08th July 2025 the One Day University Level Workshop on ‘Implementation of Curriculum of B. Sc. II (Mathematics) in NEP-2020’ was successfully held, which is organized by Department of Mathematics, Dayanand Science College, Latur for Mathematics faculties of various colleges affiliated by Swami Ramanand Teerth Marathwada University, Nanded. The Workshop was attended by a total of 41 participants.

Aims / Objectives:

In this workshop participants will get detailed knowledge of how to perform and conduct theory, and practical modules of major and minor and also Skill based course Mathematics.

The proposed results were:

1. All faculty members familiarize themselves with the new NEP-2020 B.Sc. II syllabus.
2. Participants receive a foundational overview of Sage Math, R software, and Essential Mathematics for Data Science.
3. Faculty gain awareness of interdisciplinary teaching approaches encouraged under NEP-2020.
4. Participants understand the integration of practical skill development into the B.Sc. curriculum.
5. Faculty explore assessment methods aligned with NEP-2020 guidelines.

Participants

The One Day University Level Workshop on ‘Implementation of Curriculum of B. Sc. II (Mathematics) in NEP-2020’ brought together more than 41 faculties from various colleges affiliated by Swami Ramanand Teerth Marathwada University, Nanded.

Inauguration and Plenary Presentations

The inauguration of the workshop was conducted by the following authorities:

- President :- Dr. S. S. Bellale (Principal - Dayanand Science College, Latur)
- Chief Guest: - Dr. Ashok Mahajan (Pro-Vice chancellor, Swami Ramanand Teerth Marathwada University, Nanded)

Outcomes of This Conference:

Participants receive a foundational overview of Sage Math, R software, and Essential Mathematics for Data Science, covering their relevance and basic functionalities.

Acknowledgements

It has been our pleasure to host the One Day University Level Workshop on ‘Implementation of Curriculum of B. Sc. II (Mathematics) in NEP-2020’. I am thankful to all the participants for coming to attend the workshop. I am sure that the participants must have benefited by attending this workshop.

- I would like to record my sincere thanks to our President:- Dr. S. S. Bellale (I/c Principal - Dayanand Science College, Latur) & Dr. Ashok Mahajan (Pro-Vice chancellor, Swami Ramanand Teerth Marathwada University, Nanded)

Dr. S.S. Bellale
Head, Dept. of Mathematics,

Brochure

Guests of Honour

Hon. Dr. Manohar Chaskar
Vice-Chancellor,
S.R.T.M. University, Nanded

Hon. Dr. Ashok M. Mahajan
Pro Vice-Chancellor,
S.R.T.M. University, Nanded

Hon. Dr. Dnyaneshwar D. Pawar
Registrar, S.R.T.M. University, Nanded

Hon. Dr. M. K. Patil
Dean, Faculty of Science and Technology,
S.R.T.M. University, Nanded

Dr. S. M. Jogdand
Member of Management Council
S.R.T.M. University Nanded

Principal Dr. J. S. Dargad
A.D.O., Dayanand Education Society, Latur

Dr. Manish C. Aglave
Head, Dept. of Mathematics, Ferguson College, Pune

Advisory Committee
(Mathematics - BOS)

Name	Address
Prof. Lt. Dr. M.S. Wavare (Chairman)	Rajarshi Shiksha Mahavidyalaya (Astronomical), Latur,
Prof. Dr. D. D. Pawar (VC Nominated)	Director School of Mathematical Sciences, SRTM University, Nanded
Dr. B. S. Reddy (VC Nominated)	School of Mathematical Sciences, SRTM University, Nanded
Dr. Anan B. Jadhav (VC Nominated)	DSM's College of Arts, Commerce and Science, Parbhani
Dr. S. S. Handibag (Member)	Mahatma Bawadshwar Mahavidyalaya, Latur
Prof. Dr. V. Berkar (Member)	Yashwanth College, Nanded
Dr. Kishor B. Galwade (Member)	Science College, Nanded
Dr. H. K. Undegosekar (Member)	Bhaktaji Sraarak College, Basant, Dist. Hingoli
Dr. S. S. Bellale (Member)	Dayanand Science College, Latur
Dr. Ram G. Markar (Member)	Jadhav Gandhi Sr. College, CIDCO, New Nanded, Tq. & Dist. Nanded

Patrons

Hon. Laxmiremanji Lahoti
President,
Dayanand Education Society, Latur

Hon. Arvindji Sonvane
Vice-President,
Dayanand Education Society, Latur

Hon. Rameshji Biyani
Secretary,
Dayanand Education Society, Latur

Hon. Vishalji Lahoti
Joint-Secretary,
Dayanand Education Society, Latur

Organizing Committee

Chairman
Dr. S. S. Bellale
Vc, Principal,
Dayanand Science College, Latur

Convener
Mr. S. V. Swami
Asst. Professor Dept. of Mathematics,
Dayanand Science College, Latur

Organizing Secretary

Dr. S. S. Handibag (Head, Dept. of Mathematics, M. B. College, Latur)

Dr. B. D. Karande (Head, Dept. of Mathematics, M. U. College, Latur)

Members of Department

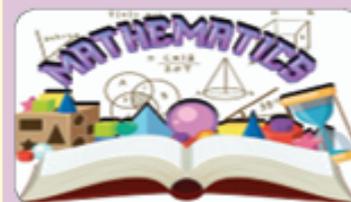
Miss. A. R. Andhare (Assistant Professor)	Mr. K. L. Chavan (Assistant Professor)
Miss. S. D. Shinde (Assistant Professor)	Mr. P. D. Bhosale (Research Scholar)
Miss. K. D. Jagtap (Research Scholar)	Mr. D. S. Dhaware (Research Scholar)
Mr. S. K. Kamble (Research Scholar)	Mr. A. R. Shire (Research Scholar)

NEP-2020




Dayanand Education Society's
Dayanand Science College, Latur
Department of Mathematics Organized
University Level
ONE DAY WORKSHOP
ON
'Implementation of Curriculum on B.Sc. II (Mathematics) in NEP-2020'

08 July 2025



• **Sponsored By** •
Swami Ramanand Teerth Marathwada University, Nanded

• **Venue** •
Seminar Hall
Department of Mathematics,
Dayanand Science College, Latur-413 512 (MS)
Phone- 02382-221149

About College

- ★ The Status of College with Potential for Excellence – CPE.
- ★ NAAC Accreditation (3rd Cycle) A+ Grade with CGPA 5.40.
- ★ DST-FIST Sponsored College.
- ★ Best College Award (Urban) by SRTMU, Nanded.
- ★ Best Principal Award by SRTMU, Nanded.
- ★ Mahatma Govt.'s "Shahu-Phule-Ambekar" Award.
- ★ 22 Acres of Closed-Green Campus.
- ★ Digital Classrooms and Laboratories with Touch Screen Panels and Smartboards.
- ★ Employability Skills and Innovative Courses.
- ★ IUSA Infrastructure Grant of Rs. 2 cr. (Only One College in SRTMU, Nanded).
- ★ International Indoor Stadium and Cricket Ground.
- ★ National Award in Energy Conservation: First Prize Awarded by Ministry of Power, GOI, with auspicious hands of President of India Hon'ble Droupadi Murmu.

About Department

- ★ The department has started with B.Sc. Mathematics Program since 1961.
- ★ The Mathematics Research center has been started since 2015 and 58 Students Receiving their Ph.D. from 8 research supervisor.
- ★ M.Sc. Mathematics Course has been started since 2016. Maintained reputation and good academic performance.
- ★ Department conducted two International Conferences Seven State/National Workshop.
- ★ Good record of results in University examination.
- ★ UG & PG students stood in the merit list of the university.
- ★ A well equipped MATLAB, with all infrastructural facilities with all useful mathematical software's and Departmental library. Computers with internet facility and Digital Boards.
- ★ Highly qualified and experienced teaching staff and experienced non-teaching staff.

Time Schedule of Workshop

Time	Programme
09.30-10.30 am	Registration Venue: Auditorium
10.30-11.30 am	Inauguration Venue: Auditorium
11.30-12.30 pm	Session I Curriculum of B.Sc. II Mathematics Changes Opportunity & Challenges (Dr. S. N. Jogdand & Dr. M. S. Wavare)
12.30-01.30 pm	Session II Understanding the Implementation of Lab course (Dr. M. C. Aglave, Dr. B. S. Reddy & Dr. R. N. Ingale)
01.30-02.30 pm	Lunch Break Venue: Dharma Hall, DSCL
02.30-03.30 pm	Session III Introduction to R Programming (Dr. V. M. Mule & Dr. S. S. Handibag)
03.30-04.30 pm	Session IV Group and Ring Theory using SageMath (Dr. V. C. Berkar & Dr. P. R. Kulkarni)
04.30-05.30 pm	Valedictory & certificate distribution Venue: Department of Mathematics

Registration

Sr. No.	Participants	Mode	Fee
1	Faculty Members Permanent/CHB	Offline/ Online	Rs. 500/-

Registration Link
<https://forms.gle/3rn3ZT4gb8WYK5rR8>

Contact details

Dr. S. S. Bellale - 9405020007
Prof. S. V. Swami - 8378068623
Dr. M. S. Wavare - 9890620620
Dr. S. S. Handibag - 9011491162

B.Sc. II Mathematics Papers

Morning Session- 11.30 am to 1.30 pm		
Major	SMATCT1201	Real Analysis-I
	SMATCT1202	Group Theory
Minor	SMATCP1201	Lab Course on Real Analysis-I
	SMATCP1202	Lab Course on Group Theory
Skill Course	SMATMT1201	Fundamentals of Sequence and Group Theory
	SMATMP1201	DSM Lab Course-I (on Fundamentals of Sequence and Group Theory)
Major	SMATCT1251	Real Analysis-II
	SMATCT1252	Ring Theory
Minor	SMATCP1251	Lab Course on Real Analysis II
	SMATCP1252	Lab Course on Ring Theory
Skill Course	SMATMT1251	Introduction to Infinite Series and Ring Theory
	SMATMP1251	DSM Lab Course-II on Introduction to Infinite Series and Ring Theory
Skill Course	SMATVCT1201	Essential Mathematics for Data Science
	SMATVCT1251	Introduction to R Programming

Significance of Workshop

- ★ In this workshop we will provide with all detailed practical modules of major, minor, VEC papers conduct hands on practical modules of B.Sc. S.V.
- ★ Participants will get detailed knowledge of how to perform and conduct theory, and practical modules of major and minor and also Skill based course in Mathematics.

All sessions are conducted in presence of all BOS members and chairman of the subject.
It will provide soft copy of practical, programs, books and notes in the workshop.

Attendance

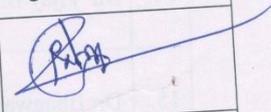
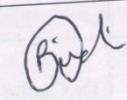
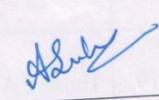
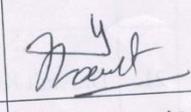
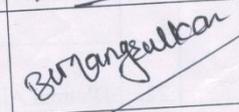


Dayanand Education Society,
DAYANAND SCIENCE COLLEGE, LATUR
NAAC Reaccredited "A+" grade, DST - FIST Recognised College,
UGC - CPE sponsored



One Day University Level Workshop on 'Implementation of Curriculum of B. Sc. II (Mathematics) in NEP-2020'

List of Participants

Sr. No.	Name of Participant	Name of College	Signature
1.	Prof. Dr. R.N.Ingle	Bahirji Smarak Mahavidyalaya, Basmathnagar	
2.	Dr.Ram Govindrao Metkar	Indira Gandhi Sr.College CIDCO Nanded	
3.	Dr Charudatta Dattatraya Bele	Shri Shivaji College, Parbhani	
4.	Dr. Sachin Pandurang Basude	Maharashtra Mahavidyalaya, Nilanga	
5.	Pathan Aamer Suhail Mustafa	Kai. Rasika Mahavidyalaya Deoni	
6.	Kore Suresh Umakantrao	Sambhajirao Kendre College, Jalkot Dist-Latur (MS)	
7.	Mr. Prashant Pandurang Waghmare	Maharashtra Udayagiri Mahavidyalaya, Udgir	
8.	Mangrulkar Bhagyashri Umesh	Mahatma Gandhi Mahavidyalaya, Ahmedpur	
9.	Karad Mahesh Shivajirao	Sanjeevani Mahavidyalaya, Chapoli, TQ-Chakur Dist.-latur	



10.	Dr. Sachin Pralhadrao Hatkar	Adarsh Education Society's Arts, Commerce & Science College Hingoli	
11.	Shinde Parshuram Rajaram	Gramin college vasantnagar Mukhed	
12.	Dr. Vishnu Vaijanath Latpate	Arts, Commerce and Science College Gangakhed	
13.	Bhosale Jyoti Hanmantrao	Shri kumarwami college AUSA District Latur	
14.	Mr Vijay Bhagwat Patare	Nutan Mahavidyalaya Selu	
15.	Dr. Bhagwat Balaprasad Pandit	Shri Datta Arts, Commerce and Science College, Hadgaon, Dist. Nanded	
16.	Shyam Baliram Garud	Nutan Mahavidyalaya Selu.	
17.	Gacche Kuldeepak Brahmaji	Lal Bahadur Shastri Mahavidyalaya Dharmabad ,District Nanded 431809	
18.	Dr.Gadhe Sudhakar Raosaheb	N.W.College Balapur (Ak),District Hingoli	
19.	Thosare Anil Sureshrao	Vai Dhunda Maharaj Deglurker college Degloor Dt.Nanded	
20.	Dr. H. K. Undegaonkar	Bahirji Smarak Mahavidyalaya Basmathnagar	
21.	Dr.Amit Kumar Pandey	Sharadchandra Arts Commerce and Science College Naigaon	
22.	Dhumal Ajit Prataprao	Shri Kumarwami Mahavidyalaya, AUSA.	
23.	Sayyed Jalil Sayyed Yousuf	Hutatma Jaywantrao Patil Mahavidhyalay	



24.	Dr. Archana Venketesh Bhosle	Nagnath Art's, Commerce and Science College, Aundha Nagnath, District Hingoli	
25.	Dr. Namdev Shivajirao Jadhav	Madhavrao Patil College Palam, Dist Parbhani	
26.	Dr. S. V. Badgire	Azad Mahavidyalaya, Ausa	
27.	Suvarna Devidas Kamble	Shivaji Mahavidyalaya Udgir	
28.	Dr. Prashant Sutkar	Science College Nanded	
29.	Shete Siddharth Ganesh	Mahatma Basweshwar Mahavidyalay Latur	
30.	Thenge Anil Bhaga	Shivaji Mahavidyalaya Renapur	
31.	Dr. Jnanardhan K. Mane	Saijeevanee Mahavidyalaya Chapoli	
32.	Ms. Vadneri Sandeep Hanilal	Shivneri Mahavidyalaya Shigur Anantpur	
33.	Dr. D. K. Raut	Shivaji Mahavidyalaya Renapur.	
34.	Dr. G. C. Done	Shri Shivaji college Kambhar	
35.	Dr. Atka S. Kausadikar	S. G. B. college. Pusna.	
36.	Dr. Sunita Sidramappa Biradar	Shri Hanagiswami college, udgir	
37.	Dr. Anjali M. Bureande	Dayanand science college Latur.	

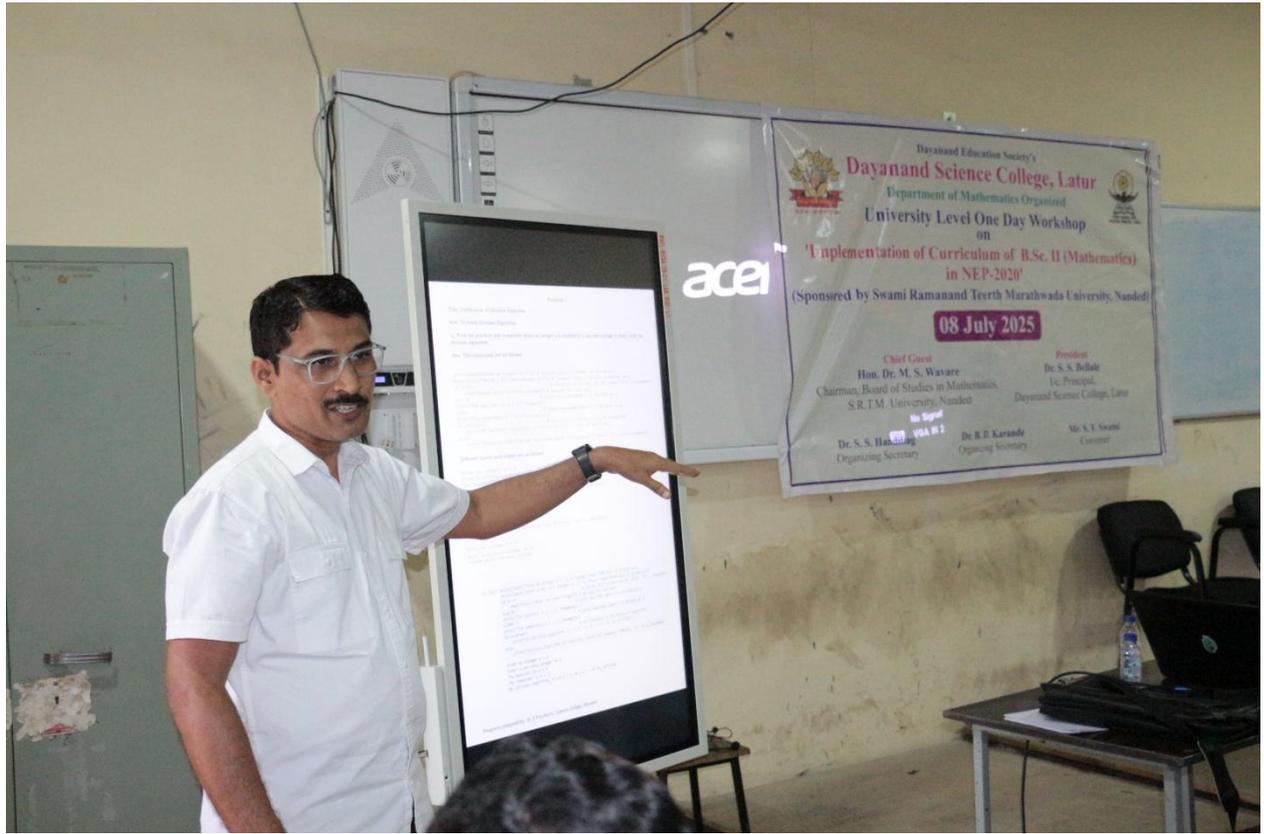


38.	Yogesh J. Bagul K. K. M. College, Man	K. K. M. College, Manwath, Dist: Parbhani	
39.	Mr. Dnyaneshwar Pralhad Tadas	Toshniwal Arts, Commerce & Science college, Sengoon	
40.	Dr. Vedprakash Kaljan	D.S.M. College, Parbhani	for Ck
41.	Dr. Nishank Sudhakar Pimple	Rajarshi Shahu Mahavidyalaya Latur	for Chaos
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Event Photo











CERTIFICATE



Dayanand Education Society's Dayanand Science College, Latur



Department of Mathematics Organized

University Level One Day Workshop on

'Implementation of Curriculum on B.Sc. II (Mathematics) in NEP-2020'

(Sponsored by Swami Ramanand Teerth Marathwada University, Nanded)

08 July 2025

CERTIFICATE

This is to certify that Prof./Dr./Mr./Mrs. Mahesh Shivajirao Karad
of Sanjeevani Mahavidyalaya, Chapeli, Dist. Latur has participated as
Resource Person / Delegate / Organizing Committee Member in the University Level One Day Workshop on
'Implementation of Curriculum of B.Sc. II (Mathematics) in NEP-2020' organized by Department of
Mathematics, Dayanand Science College, Latur on 08th July 2025.

Dr. B.D. Karande
Organizing Secretary

Mr. S. V. Swami
Convener

Dr. S. S. Bellale
I/c. Principal

देशोन्नती



कौशल्याधारित शिक्षणामुळे विद्यार्थ्यांचे भविष्य उज्ज्वल - डॉ. अशोक महाजन

देशोन्नती वृत्तसंकलन

लातूर : राष्ट्रीय शैक्षणिक धोरण-२०२० ची अंमलबजावणी प्रभावीपणे झाली पाहिजे. हे शैक्षणिक धोरण विद्यार्थीकेंद्री, आंतरविद्याशाखीय अभ्यासाला प्राधान्य देणारे, विद्यार्थ्यांमध्ये कौशल्य वाढीस व व्यवसायाभिमुखता वृद्धिंगत करणारे आहे. विद्यार्थ्यांनी संशोधन, इनोव्हेशन, स्टार्टअप मध्ये पुढे गेले पाहिजे. एनईपी मध्ये शैक्षणिक प्रगती करण्याबरोबर विकसित भारत -२०४७ या संकल्पनेमध्येही आपणाला योगदान द्यावयाचे आहे.

दयानंद शिक्षण संस्थेच्या दयानंद विज्ञान महाविद्यालयानी एकाच वेळेस अकरा विषयाच्या कार्यशाळेचे आयोजन करणे हे ऐतिहासिकच आहे. विद्यापीठाच्या इतिहासात ११ विषयाची ही पहिलीच कार्यशाळा असेल. दयानंद शिक्षण संस्थेतील शैक्षणिक वातावरण, सुसज्ज परिसर, इंटरनॅशनल लेव्हलच्या सर्व सुविधा येथे उपलब्ध आहेत. एनईपी अंमलबजावणीत अकरा विषयाच्या प्राध्यापकांना एकत्र आणणे ही जमेची बाजू आहे.

या शैक्षणिक धोरणात कौशल्याधारित शिक्षणामुळे विद्यार्थ्यांचे करिअर व भविष्य नक्कीच उज्ज्वल होणार आहे, असे प्रतिपादन स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे प्र-कुलगुरु डॉ. अशोक महाजन यांनी केले.

येथील दयानंद शिक्षण संस्था संचलित, दयानंद

विज्ञान महाविद्यालयात दि. ०८ जुलै २०२५ रोजी ' २०२० च्या राष्ट्रीय शैक्षणिक धोरण अभ्यासक्रमात बी. एस्सी. द्वितीय वर्षाच्या गणित, संगणकशास्त्र, रसायनशास्त्र, औद्योगिक रासायनशास्त्र, क्रीडा, वनस्पतीशास्त्र, सूक्ष्मजीवशास्त्र, प्राणिशास्त्र, मत्स्यशास्त्र, भौतिकशास्त्र, इलेक्ट्रॉनिक्स या अकरा विषयांच्या अभ्यासक्रमाच्या अंमलबजावणीवर एक दिवसीय विद्यापीठस्तरीय कार्यशाळेचे आयोजन करण्यात आलेले होते.

या कार्यशाळेचे उद्घाटन दयानंद शिक्षण संस्थेच्या दयानंद सभागृहात झाले. यावेळी प्र-कुलगुरु उद्घाटक म्हणून बोलत होते. कार्यशाळेच्या उद्घाटन कार्यक्रमाच्या अध्यक्षस्थानी दयानंद शिक्षण संस्थेचे अध्यक्ष लक्ष्मीरमण लाहोटी होते.

याप्रसंगी विज्ञान व तंत्रज्ञान शाखेचे अधिष्ठाता डॉ. एम. के. पाटील, आंतरविद्याशाखा अधिष्ठाता डॉ. चंद्रकांत बावीसकर, सिनेट सदस्य डॉ. ए. टी. शिंदे, डॉ. दीपक बच्चेवार, दयानंद शिक्षण संस्था शैक्षणिक विकास अधिकारी प्राचार्य डॉ. जयप्रकाश दरगड, महाविद्यालयाचे प्र. प्राचार्य डॉ. सिद्धेश्वर बेल्लाळे, कार्यशाळा समन्वयक डॉ. महेश बेंबडे, स्पोर्ट्स डायरेक्टर डॉ. भास्कर माने तसेच डॉ. सदानंद आवळे, डॉ. एम. एस. वावरे, डॉ. कैलास पाळणे, डॉ. डी. आर. मुंडे, डॉ. के. एस. कानसे, डॉ. एस. डी. अहिरराव, डॉ. वाय. एस. जोशी, डॉ. शिंदे अभ्यास मंडळाचे अध्यक्ष यांची प्रमुख उपस्थिती होती.

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