



**Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's**  
**Shri Dr. R. G. Rathod Arts and Science College, Murtizapur**  
**Dist.-Akola (MS)**

**Affiliated to Sant Gadge Baba Amravati University, Amravati**

**Website – <http://rgrcollmzr.ac.in>**



### **3.2: INNOVATION ECOSYSTEM**

**3.2.1: Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident.**



Shri. Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's  
**Shri. Dr. R. G. Rathod Arts & Science College**

Murtizapur, Dist. Akola, Pin Code 444107 (MS)  
(Affiliated By S.G.B. Amravati University, Amravati)

www.rgrcollmzr.ac.in  
Ph. No. 07256-243951

Email : artssciencecollege@rediffmail.com  
Fax No. 07256-242021

**Smt. D. R. Rathod**  
President

**Dr. A. R. Rathod**  
Secretary

**Dr. A. P. Charjan**  
Principal

Ref. RGRAC/2022-23/SSR

Date 10/03/2023

### Declaration

This is to declare that the information, reports, true copies, numerical data, etc. furnished in this file as supporting documents are verified by IQAC and found correct.

Hence this certificate.

Dr. P. M. Makode  
**Coordinator**  
**IQAC**

Shri. Dr. R. G. Rathod Arts and Science  
College, Murtizapur, Dist. Akola

Dr. A. P. Charjan  
**Principal**

Shri. Dr. R. G. Rathod Arts & Science  
College, Murtizapur, Dist. Akola





Shri Govindsing Rathod Shikshan Prasarak Mandal, Dahatonda's  
**Shri Dr. R. G. Rathod Arts and Science College,  
Murtizapur Dist.-Akola, (MS)**

Website: <https://rgrcollmzr.ac.in/>

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### **3.2.1**

***Institution has created an ecosystem for innovations, India knowledge system (IKS), Including awareness about IPR. Establishment of IPR cell. incubating center and other initiative for the creation and transfer of knowledge/technology and the outcomes of the same are evident***

***2021-22 to 2017-18***

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<b>01</b>	<b>Intellectual Property Rights (IPR)</b>	<b>2020</b>
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<b>03</b>	<b>Project Government funding (TARE)</b>	<b>2021</b>
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Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur

Sant Gadge Baba Amravati University MHRD's Institution Innovation Council (IIC)

Organizes Workshop on

## Intellectual Property Rights

On Monday, 24th February 2020

### Invitation

Dr./Mr./Mrs. \_\_\_\_\_



SHRI. DR. R. G. RATHOD ARTS AND SCIENCE COLLEGE MURTIZAPUR

From

Dr. A. P. Charjan  
Principal

Shri. Dr. R. G. Rathod Arts & Science College, Murtizapur

### Invitation

We cordially invite you for day Collegelevel workshop on

## Intellectual Property Right

Organized by

INTERNAL QUALITY ASSURANCE CELL,  
SHRI. DR. R. G. RATHOD ARTS & SCIENCE COLLEGE  
MURTIZAPUR

AND

SANT GADGE BABA AMRAVATI UNIVERSITY  
MHRD'S INSTITUTION INNOVATION COUNCIL  
(IIC)

ON, MONDAY 24<sup>TH</sup> FEB. 2020

✧Chairperson ✧

*Dr. V. R. Rathod*

Secretary, Shri. Govindang Rathod Shikshan Prasarak  
Mandal, Dahatonda

✧Inaugurator ✧

*Dr. D. T. Ingole*

✧Speaker ✧

*Dr. Jitendra S. Edle*

✧Venue ✧

*Seminar Hall*

✧Convenor ✧

*Dr. P. M. Makode*

IQAC Co-ordinator

### Local organizing committee . . .

Dr. A. S. Tankar	Mr. R. S. Khandare
Dr. S. S. Dhande	Mr. G. D. Shende
Dr. D. B. Dupare	Mr. U. M. Bhade
Dr. A. S. Nimkar	
Dr. V. V. Kapile	Mr. S. K. Shaha
Dr. R. B. Kalbande	Ms. S. S. Dange
Dr. S. S. Kaware	Mr. D. H. Rathod
Dr. R. P. Shirsat	Mr. P. P. Gawai
Dr. M. M. Quliyum	Mr. V. S. Pawar
Dr. P. R. Gulhane	Mr. K. D. Nirde
Dr. S. V. Deshmukh	Mr. A. K. Raut
Dr. T. R. Tatte	Mr. A. O. Dhole
	Dr. A. S. Dive

### Program Schedule

Registration: 10.00 AM to 11.00 AM

Inauguration: 11.00 AM

Session 1<sup>st</sup>: 12.00 AM to 1.30 PM

Chairperson: Dr. A. P. Charjan

Speaker: Dr. D. T. Ingole

### Tea Break

Session 2<sup>nd</sup>: 02.00 PM to 04.00 PM

Chairperson: Dr. A. S. Tankar

Speaker: Dr. Jitendra S. Edle

### Valedictory function

Distribution of certificates: 04.00 PM

# Workshop on Intellectual Property Rights

## REPORT

A Workshop on intellectual Property Rights was conducted at Shri Dr. R. G. Rathod arts & Science College, Murtizapur on 24 February 2020. The workshop was jointly organized by Sant Gadge Baba Amravati University MHRD's Institution Innovation Council (IIC) and Shri Dr. R. G. Rathod arts & Science College, Murtizapur, Dist. Akola. The venue was the seminar hall of the college. **130** participants were attended the Workshop. The workshop was inaugurated by **Dr. D. T. Ingole**, Director, Innovation, Incubation and Linkages, Sant Gadge Baba Amravati University Amravati and guest speaker for session was **Dr. Jitendra S. Edle**, Asst. Prof., Shipna College of Engineering, Amravati. The inaugural function starts at 11 am. with National Anthem. College Principal **Dr. Ajay P. Charjan** presided the session. Welcome speech and introduction of guests was delivered by **Dr. M. M. Quiyum**. The inaugural Programme concludes by the speech of Chairperson **Dr. A. P. Charjan**. The vote of thanks was delivered by Dr. A. S. Dive. The inaugural session was ended at 11.50 am.

**Technical Session – I** was started at 12 am. Principal **Dr. Ajay P. Charjan** presided the session. This First session included the Scholarly and interesting talk by **Dr. D. T. Ingole** on Student Innovation, Startups, Incubation Centre's and Industry. to bring together all leading academic scientists, researchers, scholars and students to exchange and share and exhibit their experiences and researches about recent trends and developments in the field of Science, Technology on this premier interdisciplinary platform. Dr. P. M. Makode, coordinator, IQAC delivered the vote of thanks for the session. The first session end on 01.30 pm. After a tea break of 30 min. second session starts.

**Technical Session – II** was started at 02.00 pm by the talk of **Dr. Jitendra S. Edle** in presence of **Dr. A. S. Tankar** as a chairperson for the session. In the session speaker talk on “IPR - Tool to protect Inventions and Creations”. His lecture started with the topic, ‘What is Intellectual Property’. Then he discussed on different aspects of Intellectual Properties like What is a Patent, Patent Rights, Trademarks, Industrial Design, Geographical Indication, IC Layout (Semiconductor, Trade Secret, Copyright, Protection of plant varieties, Farmers’ Rights and Researchers’ Rights. He concluded the talk by explaining the rationale of protection and the nature of IPR. IPR are monopoly rights. He emphasized that IPR have to be renewed from time to time for keeping them enforced except in case of copyright and trade secrets. He gave various examples of patents in Life Science. The

procedure for the application of patents and the various steps of granting of patents are described. He concluded the session by explaining about post grant oppositions and Claims. The workshop was concluded at 4.00<sup>0</sup> Clock after tea. The Workshop was highly informative to students, teachers and Research Scholars. All the faculty members and students from Post Graduate and Under Graduate were present for both the session. In short the workshop provided valuable awareness and Insight on the various aspects of IPR. Dr. P. M. Makode, coordinator, IQAC delivered the vote of thanks for the session and the function was concluded by the permission of chairperson of the function.

### Photographs of Workshop on Intellectual Property Rights



Dignitaries on dais (from Right to left) are Dr. Jitendra S. Edle, Principal Dr. Ajay P. Charjan, Dr. D. T. Ingole, Dr. P. M. Makode.



Student participants for the workshop and guest induction by Dr. M. M. Quiyum



**Technical Session – I**, delivered by **Dr. D. T. Ingole**, Director, Innovation, Incubation and Linkages, Sant Gadge Baba Amravati University Amravati.



**Technical Session – II**, delivered by **Dr. Jitendra S. Edle**, Asst. Prof., Shipna College of Engineering, Amravati





**INTELLECTUAL  
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 Of The Patents Rules)

क्रमांक : 022110115  
SL No :



पेटेंट सं. / Patent No. : 347873  
आवेदन सं. / Application No. : 201721036589  
फाइल करने की तारीख / Date of Filing : 14/10/2017  
पेटेंटी / Patentee : 1.Dr. Mohammad Mujahid 2.Dr. Shirish Panjabrao  
Deshmukh 3.Dr. Subhash Gulabrao Bhadange 4.Dr.  
Gajanan Vijayrao Korpe

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में ब्यापकृतित PROCESS FOR THE PREPARATION OF CENTRAL NERVOUS SYSTEM (CNS) STIMULANT PROLINTANE नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 14th day of October 2017 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled PROCESS FOR THE PREPARATION OF CENTRAL NERVOUS SYSTEM (CNS) STIMULANT PROLINTANE as disclosed in the above mentioned application for the term of 20 years from the 14th day of October 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 28/09/2020  
Date of Grant

पेटेंट नियंत्रक  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए बीस, बीस दस साल तक है, 14th day of October 2019 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी;  
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 14th day of October 2019 and on the same day in every year thereafter.



FILE NO. TAR/2021/000110  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(A statutory body of the Department of Science & Technology, government of India)  
Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 25-Jan-2022

**ORDER**

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. Mohammad Mujahid Qaiyum, Shri Dr. R. G. Rathod Arts And Science College, Murtizapur, Shri Dr. R. G. Rathod Arts And Science College, Amravati Road, Murtizapur, Dist- Akola (ms), Akola, Maharashtra-444107** - under the mentorship of **Dr. Murugan Muthukrishnan, at CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008** - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only) for a duration of 36 months.

The date of start of the project will be 13 December, 2021. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for

**Shri Dr. R. G. Rathod Arts And Science College, Murtizapur, Shri Dr. R. G. Rathod Arts And Science College, Amravati Road, Murtizapur, Dist- Akola (ms), Akola, Maharashtra-444107 (Parent)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 ( @0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

**CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008 (Host)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 ( on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to **Shri Dr. R. G. Rathod Arts And Science College, Murtizapur, Shri Dr. R. G. Rathod Arts And Science College, Amravati Road, Murtizapur, Dist- Akola (MS)**, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to **CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008** being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debit to

**Fund for Science & Engineering Research (FSER)**

**This release is being made under Teachers Associateship For Research Excellence (TARE). (Organic Chemistry)**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/6752/2021-2022 dated 05 January, 2022

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

**Shri Dr. R. G. Rathod Arts and Science College, Murtizapur, Shri dr. r. g. rathod arts and science college, Amravati road, murtizapur, dist- akola (ms), Akola, Maharashtra-444107 (Parent):**

PFMS Unique Code	MHAK00003227
Account Name	Principal, Dr. R. G. Rathod Arts & Science
Account Number	60402178876
Bank Name & Branch	Bank of Maharashtra Murtizapur, Pande Bhavan, Morarji Chowk, Murtizapur- 444107
IFSC/RTGS Code	MAHB0000098
Email address of PI	mmujahidchem@gmail.com
Email id of A/C Holder	artssciencecollege@rediffmail.com
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008 (Host) :

PFMS Unique Code	NCL
Account Name	DIRECTOR, NATIONAL CHEMICAL LABORATORY
Account Number	30267257846
Bank Name & Branch	State Bank of India NCL Campus Branch, Pashan Road, Pune 411008
IFSC/RTGS Code	SBIN003552
Email address of PI	mmujahidchem@gmail.com
Email id of A/C Holder	m.sekar@ncl.res.in
Email id of Mentor	Dr. Murugan Muthukrishnan

9 Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. **TAR/2021/000110** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. T Thangaradjou)  
Scientist F  
msls@serb.gov.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. Mohammad Mujahid Qaiyum Chemistry Shri Dr. R. G. Rathod Arts and Science College, Murtizapur, Shri dr. r. g. rathod arts and science college, Amravati road, murtizapur, dist- akola (ms), Akola, Maharashtra-444107 Email: mmujahidchem@gmail.com Mobile: 919890142969  (ii) Dr. Murugan Muthukrishnan CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008  (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	(i) Principal, Shri Dr. R. G. Rathod Arts And Science College, Murtizapur, Shri Dr. R. G. Rathod Arts And Science College, Amravati Road, Murtizapur, Dist- Akola (MS)  (ii) Director CSIR National Chemical Laboratory Dr. Homi Bhabha Road, Pashan, Pune - 411008  (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. T Thangaradjou)  
Scientist F  
msls@serb.gov.in





**SANT GADGE BABA  
AMRAVATI UNIVERSITY**  
AMRAVATI - 444602  
(M.S.)

☎ : 2662206, 2662207, 2662208, 2662249, 2662358.  
website : www.sgbau.ac.in

FAX NO. 0721-2660949, 2662135

No. SGBAU/PhD/ 923 / 2022

Dated : 21.12.2022

**To whom so ever it may concern**

This is to certify that Shri Dr.R.G.Rathod Arts and Science Murtizapur Dist.Akola is affiliated to the Sant Gadge Baba Amravati University, Amravati and the following research laboratories of the institution is recognized for Ph.D. Programme in the following Subject.

S.No.	Name of Ph.D. Programme	Year of introduction of Programme
1	Ph.D.in Mathematics	2019-2020
2	Ph.D.in Physics	2020-2021
3	Ph.D.in Zoology	2019-2020
4	Ph.D.in Botany	2021-2022
5	Ph.D.in Chemistry	2021-2022
6	Ph.D. Library and Information Science	2022-2023

Director

Board of Examination & Evaluation  
Sant Gadge Baba Amravati University.





श्री गोविंदसिंह राठोड शिक्षण प्रसारक मंडळ, दहातोंडा  
द्वारा संचालित



# श्री. डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालय,

मूर्तिजापूर - ४४४९०६, जि. अकोला.

Email : [artssciencecollege@rediffmail.com](mailto:artssciencecollege@rediffmail.com) Website : [www.rgrcollmzr.org](http://www.rgrcollmzr.org)

Ph. No. 07256-243951, Fax No. 07256-242021

**NAAC - CGPA : 2.63**



# दमयंति

२०१७-१८



श्री गोविंदसिंह राठोड शिक्षण प्रसारक मंडळ, दहातोंडा  
द्वारा संचालित



**श्री. डॉ. आर. जी. राठोड**  
**कला व विज्ञान महाविद्यालय,**  
मूर्तिजापूर - ४४४९०६, जि. अकोला.

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Ph. No. 07256-243951, Fax No. 07256-242021

NAAC - CGPA : 2.63

**दमयंति**  
२०१८-१९



श्री गोविंदसिंह राठोड शिक्षण प्रसारक मंडळ, दहातोंडा  
द्वारा संचालित,



## श्री. डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालय

मूर्तिजापूर - ४४४१०७, जि. अकोला.

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# दुमयंति

२०१९-२०२०





श्री गोविंदसिंह राठोड शिक्षण प्रसारक मंडळ, दहातोंडा  
द्वारा संचालित



# श्री. डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालय,

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# दुसर्यांति

२०२०-२१





श्री गोविंदसिंह राठोड शिक्षण प्रसारक मंडळ, दहातोंडा  
द्वारा संचालित



# श्री. डॉ. आर. जी. राठोड कला व विज्ञान महाविद्यालय,

मूर्तिजापूर - ४४४९०७, जि. अकोला.

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**Equal Opportunity Cell:**

**1. Sexual harrasment program:2017-18**



**Equal Opportunity Cell:**  
**Snake Awareness Program:2017-18**





## 1. Personality development program:2017-18





## 1. Blood group testing:2017-18



# 1.Sickle cell Anemia counseling:2018-19





## 1. Blood group detection camp-2018-19









Shri.Dr.R.G. Rathod Art's and Science College Murtizapur  
DEPARTMENT OF CHEMISTRY  
EXTENSION ACTIVITY – SOIL AND WATER ANALYSIS



SOIL AND WATER ANALYSIS EXTENSION ACTIVITY AT- HADGAON 13-02-2020




**SHRI DR. R. G. RATHOD ARTS & SCIENCE COLLEGE,  
MURTIZAPUR**

**DEPARTMENT OF PHYSICS**

**Extension Activity Report**

Every year department has organized an Extension activity Awareness Programme on Non-Conventional energy source for the villagers nearby Murtizapur city, Dist. Akola. In this Programme Faculties of the Department provide the information about utilization of Non-Conventional Energy Sources and the projects sanctioned by Ministry of Non-Conventional Energy Sources (MNES), India

01	27-09-2017 2017-18	“Shivan”, Tq. Murtizapur, dist. Akola	
02	08-02-2019 2018-19	“Brahmi Khurd” Tq. Murtizapur, dist. Akola	