



UNIVERSITY OF MYSORE
Yuvaraja's College (Autonomous)
 (A Constituent Autonomous College with Potential for Excellence)
 (Accredited B⁺⁺ Grade with CGPA 2.81 by NAAC)
 JLB Road, Mysuru 570 005, Karnataka, INDIA



PROFORMA NO.1

Annual Report: 2023-2024
(01-04-2023 to 31-03-2024)

(INFORMATION REQUIRED FROM POST-GRADUATE DEPARTMENTS OF STUDIES / INSTITUTES)

Note: Please furnish the following information/statistics in the CD, along with its print out duly signed by the Chairperson.

1.	Name of the Department of Studies or Institute ಅಧ್ಯಯನ ವಿಭಾಗ/ಸಂಸ್ಥೆಯ ಹೆಸರು	YUVARAJA'S COLLEGE (AUTONOMOUS)
2.	Name of the Chairperson(s) ಅಧ್ಯಕ್ಷರ ಹೆಸರು	Dr. H.Somashekhrappa PRINCIPAL, YUVARAJA'S COLLEGE (AUTONOMOUS), UNIVERSITY OF MYSORE, MYSORE.

1. Conferences/Workshops/Symposia/Invited Lectures

ಸಭೆಗಳು/ ಶಿಬಿರಗಳು/ ಉಪನ್ಯಾಸಮಾಲೆ/ ಆಹ್ವಾನಿತ ಉಪನ್ಯಾಸಗಳು

i. Total number attended in events held abroad/international events held in India/national conferences-department wise Details For attended/ participated/ chaired/key note address/may be given:

ಭಾರತದಲ್ಲಿ ನಡೆದ ವಿದೇಶ / ಅಂತರರಾಷ್ಟ್ರೀಯ ಸಂಬಂಧ ರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನ ವಿದೇಶದಲ್ಲಿ ಅಂತರರಾಷ್ಟ್ರೀಯ ಘಟನೆಗಳಲ್ಲಿ ಭಾಗವಹಿಸಿದವರ ಸಂಖ್ಯೆ - ಭಾಗವಹಿಸಿದವರ / ಪಾಲ್ಗೊಂಡವರ/ ಮುಖ್ಯಸ್ಥರಾದವರ / ಪ್ರಮುಖ ಭಾಷಣ (Key Note Address) ನೀಡಿದವರ - ವಿಭಾಗವಾರು ವಿವರ.

Sl. No. ಕ್ರ. ಸಂ.	International events held in Abroad ವಿದೇಶದಲ್ಲಿ ನಡೆದ ಅಂತರರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಕ್ರಮಗಳು	International events held in India ಭಾರತದಲ್ಲಿ ನಡೆದ ಅಂತರರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಕ್ರಮಗಳು	National Conference ರಾಷ್ಟ್ರೀಯ ಸಮ್ಮೇಳನಗಳು			
			Attended ಹಾಜರಿದ್ದವರು	Participated ಭಾಗವಹಿಸಿದವರು/ ಮಂಡಿಸಿದ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ	Chaired ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದವರು	Keynote Address ಮುಖ್ಯ ವಿಳಾಸ
01		Dr Devaki N S attended- International Conference on "Bioactive Lipids in Health and Diseases" 23rd-24th February 2024 organised by Department of Studies in Molecular Biology and Department of Studies in Biochemistry University of Mysore, Manasagangotri, Mysuru				

02	International event held in India	“Studies on endophytes against <i>Phytophthora capsici</i> Leonian the incitant of foot rot of pepper” in 4th International Conference on Interdisciplinary approach in Science and Technology (ICIAST) at The Nature University, Pampore, Srinagar at Kashmir, India, June 08-11, 2023.				
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ii. Total number of conferences/Seminars/Special Lectures organized by the Departments with funding source details
 ವಿಭಾಗಗಳಿಂದ ಆಯೋಜಿಸಿದ್ದ ಸಮ್ಮೇಳನಗಳು/ ವಿಚಾರಸಂಕಿರಣಗಳು/ ವಿಶೇಷ ಉಪನ್ಯಾಸಗಳ ಒಟ್ಟುಸಂಖ್ಯೆಗಳು
 ಮೂಲದ್ರವ್ಯದ ವಿವರಣೆಗಳೊಂದಿಗೆ

Sl. No.	Name of the Department/Centers/Colleges	Number of Conference/Seminar Special Lecturers organized	Details of Funding Source	Date
ಕ್ರ. ಸಂ.	ವಿಭಾಗ/ಕೇಂದ್ರ ಕಾಲೇಜುಗಳ ಹೆಸರು ಆಹ್ವಾನಿತರು	ಸಮ್ಮೇಳನಗಳು/ವಿಚಾರಸಂಕಿರಣಗಳು/ ವಿಶೇಷ ಉಪನ್ಯಾಸಗಳು	ಹಣದ ಮೂಲ ವಿವರಗಳು	ದಿನಾಂಕ
1	Yuvaraja's College, Mysore	IQAC, Green Audit and Ecoclub and Department of Molecular Biology -Special lecture on account of celebration of World Environment Day by Mr. R.T. Nagaralli Director and Head Central Institute of Plastics Engineering & Technology (CIPET) Mysuru on “Solutions to Plastic Pollution” on 05.06.2023	College Support Fund, Yuvaraja's College.	05.06.2023

2	Yuvaraja's College, Mysore	IQAC and the Science Forum organized a talk by Sri G. A. Krishna , Chief Scientist (Retired), Technology Transfer and Business Development, CSRTI Mysore on " Intellectual Property Rights " The talk was organized on January 18, 2024	College Support Fund, Yuvaraja's College	18.01.2024
3	Yuvaraja's College, Mysore	IQAC, Science forum and Dept of Molecular Biology organized a special lecture by Dr. Shancy Pestel Jacob , Reseach Associate, Dept of Internal Medicine, university of Utah, Salt Lake City, Utah, USA on " Mitofusin-2 regulates platelet function " on 25.01.2024	-	25.01.2024
4	Yuvaraja's College, Mysore	IQA, YCM Alumni Association and Dept. of Molecular Biology organized a special lecture by Dr. Nikhil R. Gandasy , Scientist, Dept of MRDG, IISc., Bangalore on " GATE Exam: A Bunch of Opportunities Open in Biology " on 02.02.2024	CSF, Yuvaraja's College	02.02.2024
5	Yuvaraja's College, Mysore	IQAC, Science forum and Dept of Molecular Biology in association with Cosmology Education and Research Training Centre (COSMOS) organized a special lecture by Prof Annagiri Sumana , Department of Biological Sciences, IISER, Kolkata on " Running with Ants " on 12.01.2024	CSF, Yuvaraja's College	12.01.2024
6	Yuvaraja's College, Mysore	Dept of Molecular Biology in organized a special lecture by Dr Vasantha Kumar Timakapur , Technical Director, Green Lifescience Technologies P. Ltd. Mysore on "Science and Society " on 01.08.2023	-	01.08.2023

7	Yuvaraja's College, Mysore	IQAC, Science forum and Dept of Molecular Biology in association organized a special lecture on account of National Science Day by Dr. Umesh Hebbar, Chief Scientist, CSIR-CFTRI, Mysore on "Indigenous Technologies in Building Developed India" on 21.03.2024		21.03.2024
8	Yuvaraja's College, Mysore (Management Science)	Workshop on Data Analytics Resource Person: Shankar M.M. Cares Bangaluru	Self	02-06-2023 to 03-06-2023
9	Yuvaraja's College, Mysore (Management Science)	Special Lecture on Managerial Accounting Resource Person: Prof. R Mahesh	Nil	16-05-2024
10	Yuvaraja's College, Mysore (Management Science)	Special Lecture on Managerial Accounting Resource Person: Dr. Chinnaiah	Nil	20-05-21 to 29-05-2024

iii. Total number if Invited/Special Lectures delivered with details:
ಆಹ್ವಾನಿತ/ ವಿಶೇಷ ಉಪನ್ಯಾಸಗಳನ್ನು ನೀಡಿದ ಒಟ್ಟು ಸಂಖ್ಯೆಗಳ ವಿವರ :

Sl.No. ಕ್ರ. ಸಂ.	Department ವಿಭಾಗಗಳು	Total number if invited/ ಆಹ್ವಾನಿತರ ಒಟ್ಟು ಸಂಖ್ಯೆ	Special Lectures ವಿವರಗಳೊಂದಿಗೆ ವಿಶೇಷ ಉಪನ್ಯಾಸಗಳು	Date ದಿನಾಂಕ

2. Invited Lectures/Keynote address by distinguished academicians:

ವಿಶೇಷವಾದ ಶಿಕ್ಷಣತಜ್ಞರಿಂದ ನೀಡಿದ ಆಹ್ವಾನಿತ ಉಪನ್ಯಾಸಗಳು/ ದೀಪಾಂತ ಭಾಷಣಗಳು :

1. Noble laureates :-
ನೋಬೆಲ್ ಪ್ರಶಸ್ತಿ ವಿಜೇತರು:- ಇಲ್ಲ
2. Global /National Award winners :-
ವಿಶ್ವದ/ರಾಷ್ಟ್ರೀಯ ಗೌರವಕ್ಕೆ ಭಾಜನರಾದವರು. :-
3. Eminent personalities from various disciplines:-
ವಿವಿಧ ವಿಷಯಗಳಲ್ಲಿನ ಶ್ರೇಷ್ಠ ವ್ಯಕ್ತಿಗಳು :-
4. NRI academicians :-
ವಿದೇಶದಲ್ಲಿನ ಭಾರತೀಯ ವಿಷಯ ತಜ್ಞರು. :-

3. Special events organized :

ಆಯೋಜಿಸಲಾದ ವಿಶೇಷ ಕಾರ್ಯಕ್ರಮಗಳು :

a. Silver/Golden /platinum jubilee:-

ಬೆಳ್ಳಿ/ಚಿನ್ನ/ಪ್ಲಾಟಿನಂ ಹಬ್ಬಗಳು

b. Centenary:-

ಶತಮಾನೋತ್ಸವ

c. Science Congress/Social Science Congress etc. :-

ವಿಜ್ಞಾನ ಪ್ರತಿನಿಧಿಗಳ ಸಭೆ/ಸಮಾಜ ವಿಜ್ಞಾನ ಪ್ರತಿನಿಧಿಗಳ ಸಭೆ, ಇತ್ಯಾದಿ.

4. Research Out Comes :

1. Jayarajashekara , T.S., Pannaga Prasad G. and Channaveerappa H., 2023. Distribution of chitin and collagen in the structural organization of the freshwater jellyfish *Limnocyclus indica* Annandale, 1912 (Hydrozoa: Limnomedusae: Olindiidae). *Journal of Animal Diversity*, 5 (2): 72-84.

2023- 24 Academic year Research publications of Prof. B.M.Venkatesha Yuvaraja's College , University of Mysore, Mysuru

- 1) Hiremarali Sathyanarayana Sindhushree, Kodanakoppalu Mahadevappa Chaithra, Rayapura Thimmegowda Radhika, **Bellale Marigowda Venkatesha**.
Synthesis of Al_2S_3/MoS_2 Nanocomposite by Electrochemical Method: Correlation for Photodegradation of Trichloroacetic acid, Chloroacetic acid, acetic acid and study of Antibacterial Efficiency.
Scientific Research publishing Modern Research in Catalysis, 12 (1) , 1-24 ,(2023)
<http://www.scirp.org/journal/mrc>
- 2) Basheer Mohammed Al-Maswari, Nabil Al-Zaqri, Khaled Alkand, Fares Hezamlostoot, Ahmed Boshala, Rayapura Thimmegowda Radhika, and **Bellale Marigowda Venkatesha** .
Magnesium Bismuth Ferrite Nitrogen-Doped Carbon Nanomagnetic Perovskite: Synthesis and Characterization as a High-performance Electrode in a Supercapacitor for Energy Storage.
American Chemical Society OMEGA 8, 16145-16157 (2023)
<http://doi.org/10.1021/acsomega.3c00259>.
- 3) Awatif Rashed Z. Almotairy, Basheer M. Al-maswari, Khaled Alkanad, N.K.Lokanath, R.T.Radhika, **B.M.Venkatesha**.
Nickel vanadate nitrogen-doped carbon nanocomposites for high-performance supercapacitor electrode.
Elsevier publisher, Heliyon 9 (2023) e18496
<http://doi.org/10.1016/j.heliyon.2023.e18496>
- 4) Hiremarali Sathyanarayana Sindhushree, Rayapura Thimmegowda Radhika and **Bellale Marigowda Venkatesha**.
Chemical potency of Cobalt doped γ -modified graphite electrode prepared by Electrochemical method and its application in degrading solution of Rhodamine-B dye.

1	Basheer M H Almaswari	Synthesis, Characterization of Ferrite based Nanomagnetic Composites and their Applications in energy storage and Supercapacitors	Awarded 2024
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Prof. Shaukath Ara Khanum, Department of Chemistry, Yuvaraj's College Mysore

List of publications

1. Avocado seed biomass-assisted synthesis of heterostructure bismuth vanadate nanomaterial by combustion method for the application of electrochemical lithium battery storage and supercapacitor M.J. Nagesh Khadri, Uday Shashikumar, M. Shashank, Yuan-Chung Lin, Pei-Chien Tsai, Balaji Subramanian, Ashrita Mahadeva, G. Nagaraju, Shaikath Ara Khanum, Vinoth Kumar Ponnusamy. *Process Safety and Environmental Protection*. 185, 2024, 1122-1131
2. Design, synthesis, characterization, docking studies of 2-hydroxy-4-phenyl 6-indole 3 yl pyrimidine derivatives as anti-cancer agents. Pallavi H M, Hamse Kameshwar Vivek, Shaikath Ara Khanum. *Journal of Biomolecular Structure & Dynamics*
3. An overview of the Synthetic Routes and Pharmacological Aspects of Pyridine, isoxazole, Thiazole, and Indole Derivatives. Pallavi H.M., Zabiulla, Shaikath Ara Khanum. *Polycycl. Aromat. Compd.* (2023) 1-29.
4. Synthesis, molecular docking, analgesic, anti-inflammatory, and ulcerogenic evaluation of thiophene- pyrazole candidates as COX, 5- LOX, and TNF- α inhibitors. M.J. Nagesh Khadri, Ramith Ramu, N. Akshaya Simha, Shaikath Ara Khanum. *Inflammopharmacology* 32 (2024) 693-713.
5. Jahn-Teller distortion in SP-like [Cu(bipy)(triamine)].2BF₄ complexes with novel N-H...F/C-H...F synthon: XRD/HSA-interactions, physicochemical, electrochemical, DFT, docking and COX/LOX inhibition. A AlAli, M Al-Noaimi, A AlObaid, HA Khamees, A Zarrouk, K Kumara, Ismail Warad, Shaikath Ara Khanum *J. Mol. Liq.* 387 (2023) 122689.
6. Design, synthesis, characterization, docking studies of novel 4-phenyl acrylamide-1,3-thiazole derivatives as anti-inflammatory and anti-ulcer agents. Pallavi H M, Fares Hezam Al-Ostoot, HamseKameshwar Vivek, Hussein Khamees, Shaikath Ara Khanum *J. Mol. Struct.* 1292 (2023) 136126.
7. Morphology effect on photocatalytic activity of self-doped ZnO nanoflowers. Salma Kouser, Abdo Hezam, K. Namratha, K. Byrappa, Shaikath Ara Khanum. *J. Iran. Chem. Soc.* 20 (2023) 2561-2568.
8. Synthesis and docking studies of pyrazole-benzamide-benzothiazole conjugates as xanthine oxidase inhibitor candidates Nagesh Khadri M J, Ramith Ramu, Mohammed Al-Ghorbani, Shaikath Ara Khanum, *J. Mol. Struct.* 1290 (2023) 135937.
9. Molecular docking, Synthesis and Antimicrobial Evaluation of Metal Complexes with Schiff Base. Zabiulla, Salma, Kouser, Mahima Joythi, A Bushra Begum, MS

- Asha, Fares Hezam Al-Ostoot, DP Lakshmeesha, Ramith Ramu, Shaukath Ara Khanum. Results Chem. 5 (2023) 100650.
10. Hyperspectral Signatures and Volumetric Study of Iron Ore from Kemmanagundi, Bababudan Hill Ranges of Karnataka State, India Abrar Ahmed, Shaukath Ara Khanum, M. C. Manjunatha, H. T. Basavarajappa J. Appl. Chem. Sci. Internat. 14 (2023) 9-16.
 11. Design, Synthesis, Characterization, and Analysis of Antimicrobial Property of Novel Benzophenone Fused Azetidinone Derivatives through In Vitro and In Silico Approach Lakshmi Ranganatha Venkataravanappa, Mahima Jyothi, Hussien Ahmed Khamees, katerina Silina, Victor Stupin, Raghu Ram Achar, Mohammed Al-Ghorbani, Shaukath Ara Khanum, Curr. Issues in Mol. Biol. 45 (2023) 92-109.
 12. Design, synthesis, characterization and analysis of anti-inflammatory properties of novel *N*- (benzo[d] thiazol- 2- yl)- 2- [phenyl(2- (piperidin- 1- yl) ethylamino) benzamides and *N*- (benzo[d]thiazol- 2- yl)- 2- [phenyl (2- morpholino) ethylamino] benzamides derivatives through in vitro and in silico approach Mahima Jyothi, V. Lakshmi Ranganatha, Hussien Ahmed Khamees, M. J. Nagesh Khadri, Shaukath Ara Khanum. J. Iran. Chem. Soc. 20 (2023) 861-873.
 13. $[Br(N\hat{A};N\hat{A};\hat{i};\hat{i})Cu(\hat{A}\mu Br)2Cu(N\hat{A};N\hat{A};\hat{i};\hat{i})Br]$ dimer: $[H\hat{A};\hat{i};Br S(9)]$ synthons, spectral, DFT/XRD/HSA, thermal, docking and novel LOX/COX enzyme inhibition Anas Al-Ali, Ismail Warad and Shaukath Ara Khanum, J. Mol. Struct. 1275 (2023) 134626.
 14. Rational Design and Engineering of Efficient Metal Organic Framework for Visible Light-driven Photocatalytic carbon-di-oxide Reduction. Salma Kouser, Abdo Hezam, Shaukath Ara Khanum. Inorganica Chim. Acta 546 (2023) 121287.
 15. Structural investigations and theoretical insights of a polymethoxy chalcone derivative: Synthesis, crystal structure, 3D energy frameworks and SARS CoV-2 docking studies. Karthik Kumara, Mahima Jyothi, Salma Kouser, AH Uday Kumar, Ismail Warad, Shaukath Ara Khanum, Neratur Krishnappagowda Lokanath. J. Mol. Struct. 1272 (2023) 134226.
 16. Synthesis, analgesic, anti-inflammatory, ulcerogenic evaluation, and docking study of (benzoylphenoxy)-N-{5-[2-methylphenyl-6-chlorobenzoxazole]} acetamides as COX/5-LOX inhibitor. M.J. Nagesh Khadri, Hussien Ahmed Khamees, Salma Kouser, Zabiulla, Shaukath Ara Khanum J. Mol. Struct. 1272 (2023) 134240.

BOOKS EDITED:

- ❖ Introduction to biochemistry (2023-24) I B Sc. Students, Karnataka State Open University, Mysore.
- ❖ Basics of Bio-inorganic and Biophysical Chemistry for biology graduate (2023-24) Karnataka State Open University, Mysore. ISBN No. 978-93-6011-441-1.

ಸಂಶೋಧನಾ ಫಲಿತಾಂಶ :

a. Extending the frontiers of knowledge (incorporation in text books, curricula etc., of globally reputed publishers and Universities)

ಜ್ಞಾನದ ಗಡಿಗಳನ್ನು ವಿಸ್ತರಿಸುವುದು⁷(ವಿಶ್ವಾದ್ಯಂತ ಹೆಸರಾಂತ ಪ್ರಕಾಶಕರ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಪತ್ಯಪುಸ್ತಕ,

ಪಠ್ಯಕ್ರಮ, ಇತ್ಯಾದಿಗಳಲ್ಲಿ ಅಳವಡಿಸುವುದು.

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	

b. Generation of technology (patents/IPR)

ತಾಂತ್ರಿಕತೆಯನ್ನು ಉತ್ಪಾದಿಸುವುದು (ಪೇಟೆಂಟ್‌ಗಳು /ಐಪಿಆರ್)

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	ಪೇಟೆಂಟ್‌ಗಳು

c. Impacting governance policies at state/national/international contexts

ರಾಜ್ಯ/ರಾಷ್ಟ್ರೀಯ /ಅಂತರರಾಷ್ಟ್ರೀಯ ವಿಚಾರಗಳಲ್ಲಿ ಆಡಳಿತ ನೀತಿಯನ್ನು ಅಳವಡಿಸುವುದು.

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	

d. New modules for socially relevant extension activities

ವಿಸ್ತರಣಾ ಚಟುವಟಿಕೆಗಳಿಗೆ ಸಾಮಾಜಿಕವಾಗಿ ಸಂಬಂಧಿಸಿದ ಹೊಸ ಮಾಡ್ಯೂಲ್‌ಗಳು

e. In line with the vision and mission activities of the university and focus on globally prioritized themes of planning and development

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಗುರಿ ಮತ್ತು ದೃಷ್ಟಿ ಸರಿಸಮನಾಗಿ ಮತ್ತು ವಿಶ್ವದಾದ್ಯಂತ ಆದ್ಯತೆ ನೀಡಲಾದ ಯೋಜನೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ವಿಷಯಗಳಲ್ಲಿ ಕೇಂದ್ರೀಕರಿಸುವುದು.

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	

5. Awards and Recognition to the university, faculty and other employees by

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಬೋಧಕ ಸಿಬ್ಬಂದಿ ಮತ್ತು ಇತರ ನೌಕರರ ಸಾಧನೆಯನ್ನು ಗುರುತಿಸುವುದು ಮತ್ತು ಬಹುಮಾನ ಪಡೆದಿರುವವರು.

a. Organizations/institutions of global repute

ಜಾಗತಿಕವಾಗಿ ಪ್ರಸಿದ್ಧವಾದ ಸಂಘಗಳು/ ಸಂಸ್ಥೆಗಳು

ಅ) ವಿಶ್ವವಿಖ್ಯಾತ ಸಂಸ್ಥೆಗಳಿಂದ

ಕ್ರ.ಸಂ.	ವಿಭಾಗ	ಹೆಸರು	ಬಹುಮಾನ

b. State/central government and their organizations

ರಾಜ್ಯ/ ಕೇಂದ್ರ ಸರ್ಕಾರಗಳು ಮತ್ತು ಅವುಗಳ ಸಂಘ ಸಂಸ್ಥೆಗಳು

ಅ) ರಾಜ್ಯ ಮತ್ತು ಕೇಂದ್ರ ಸರ್ಕಾರ ಮತ್ತು ಅದರ ಸಂಸ್ಥೆಗಳಿಂದ

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	ಹೆಸರು	ಬಹುಮಾನ

c. Subject/professional organizations, societies and others
ವಿಷಯ/ವೃತ್ತಿನಿರತ ಸಂಘ ಸಂಸ್ಥೆಗಳು, ಸಮಾಜಗಳು ಮತ್ತು ಇತರೆ

ಅ. ವಿಷಯ/ವೃತ್ತಿಪರ ಸಂಸ್ಥೆ, ಸಂಘ ಮತ್ತು ಇತರರಿಂದ

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	

d. Conferences/workshops/symposia
ಸಮ್ಮೇಳನಗಳು/ ಶಿಬಿರಗಳು/ ವಿಚಾರಗೋಷ್ಠಿಗಳು

ಅ. ಸಮ್ಮೇಳನ/ಕಾರ್ಯಾಗಾರ / ವಿಚಾರ ಸಂಕಿರಣ

ಕ್ರ.ಸಂ.	ಅಧ್ಯಯನ ವಿಭಾಗ	

e. Travel awards by various organizations

ವಿವಿಧ ಸಂಸ್ಥೆಗಳಿಂದ ಪ್ರಯಾಣ ಪ್ರಶಸ್ತಿಗಳು (Travel awards)

f. Awards to accomplishments in sports/performing arts/visual arts/journalism and Mass media/Literary field, NSS/NCC etc.,

ಕ್ರೀಡೆ/ಪ್ರದರ್ಶನ ಕಲೆ/ದೃಶ್ಯ ಕಲೆ/ಪತ್ರಿಕೋದ್ಯಮ ಮತ್ತು ಸಮೂಹ ಮಾಧ್ಯಮ/ಸಾಹಿತ್ಯ ಕ್ಷೇತ್ರ, ಎನ್.ಎಸ್.ಎಸ್./ ಎನ್.ಸಿ.ಸಿ., ಇತ್ಯಾದಿ.

6. Innovations :-

ನವೀನತೆಗಳು :-

a. Patents-filed, awarded, implemented, expired

ಪೇಟೆಂಟ್ಸ್- ಕ್ಷೇತ್ರ, ಪ್ರಶಸ್ತಿಗಳು, ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು, ಮುಗಿದ ಅವಧಿ

ಕ್ರ.ಸಂ	ಅಧ್ಯಯನ ವಿಭಾಗ	ಪೇಟೆಂಟ್

7. Student support:

ವಿದ್ಯಾರ್ಥಿ ಬೆಂಬಲ :

a. Group insurance

ಗುಂಪು ವಿಮೆ

b. Support to slow learners (coaching classes)

ಮಂದ ಕಲಿಕೆಯವರಿಗೆ ಬೆಂಬಲ (ತರಬೇತಿ ತರಗತಿಗಳು)

c. Encouragement to advanced learners

ಮುಂದುವರೆದ ಕಲಿಕೆಯವರಿಗೆ ಪ್ರೋತ್ಸಾಹ. 9

learners

Advanced learners are supported to apply for internships in institutes and various workshops and conferences etc for getting exposure to scale higher.

Students with advanced learning capability of Molecular Biology department sent are

1. Ms. Ananya M. S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology 3rd Year student of Five Year Integrated M.Sc. Molecular Biology obtained Summer Research Project offered by JNCASR, Bangalore from June 2023 to August 2023.
2. Ms. Srinandini K. R., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by JNCASR, Bangalore from June 2023 to August 2023.
3. Ms. R. Maheshwari, 4th Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by Indian Academy of Sciences and worked in National Centre for Cell Science (NCCS), Pune from November 2023 to December 2023.
4. Navya S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project under Dr. Sandeep M Eshwarappa, IISc., Bangalore.
5. Sampreethi Aradhya V.R., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project under the guidance of Dr T.R. Ramaprasad, principal scientist, CSIR-CFTRI, Mysore from October 2023 to December 2023.
6. Yuvashree K., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled under the guidance of Dr. B.S. Ganesh Kumar, CSIR-CFTRI, Mysore from October 2023 to December 2023.
7. Preethi K., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled under the guidance of Dr. Giridhar P., CSIR-CFTRI, Mysore from November 2023 to January 2024.
8. Yashwanth M. 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project under the guidance of Dr. Asha Srinivasan, JSS academy of Higher Education and Research, Mysore from October 2023 to December 2023.
9. Revanth Gowda S. R. 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled under the guidance of Dr Sheeba Basu, JNCASR, Bangalore from May 2023 to July 2023.
10. Navaneeth K., attended ICTP-ICTS (International Centre for Theoretical Physics- International Centre for Theoretical Sciences.) winter school on quantitative biology held at ICTS, TIFR, Bangalore.
11. Yuvashree K., Sampreethi Aradhya V R., are sent to Mondal Lab visit, Department of instrumentation and Applied physics, IISc, Bangalore 29th July 2023.
12. Abhay Mahesh Baadkar was sent to Nature Education Program conducted by Environmental Management and Policy Research institute at Nagarahole, Tiger reserve for three days from 27.11.2023 to 29.11.2023
13. Uttam G., Digna Mary, Vaishnavi S, are sent to Two days Hands on workshop on genotoxicity 11-12 December 2023 held at Pooja Bhagwath Mahajana P G Centre, Mysore.

d. Scholarships, free ships, prizes¹⁰

and others

ವಿದ್ಯಾರ್ಥಿವೇತನ, ಶುಲ್ಕ ವಿನಾಯಿತಿ, ಬಹುಮಾನ ಮತ್ತು ಇತರೆ

The SC-ST students of our college get their scholarships from the government of India for their studies and the scholarship is credited directly into their bank accounts.

- e. Financial assistance for student research
ಸಂಶೋಧನಾ ವಿದ್ಯಾರ್ಥಿಗೆ ಧನಸಹಾಯ.

1. Ms. Ananya M. S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology got Rs 30,000/- for Summer Research Fellowship awarded by JNCASR, Bangalore
2. Ms. Srinandini K. R. ., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology got Rs 30,000/- for Summer Research Fellowship awarded by JNCASR, Bangalore
3. Ms. R. Maheshwari, 4th Year got student of Five Year Integrated M.Sc. Molecular Biology got Rs 25,000/-

- f. Arrangement with industry/institutions for internship /training/educational visits
ಸಹಾಯಕರಾಗಿ (Internship)/ತರಬೇತಿ/ ಶೈಕ್ಷಣಿಕ ಭೇಟಿಗಾಗಿ ಕೈಗಾರಿಕೆ / ಸಂಸ್ಥೆಗಳೊಡನೆ ವ್ಯವಸ್ಥೆ ಮಾಡಿರುವುದು.

1. Ms. Ananya M. S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by JNCASR, Bangalore on "Crop contractions are essential for emesis in *Drosophila melanogaster* and cold anesthetization affects the emetic behavior" under Dr Gaurav Das, NCCS, Pune from June 2023 to august 2023.
2. Ms. Srinandini K. R. ., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by JNCASR, Bangalore on "Rationality in shoaling decision making in group of two zebra fish" under the guidance of Dr Bittu Kaveri Rajaramana, Ashoka University, Haryana from June 2023 to August 2023.
3. Ms. R. Maheshwari, 4th Year got student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by Indian Academy of Sciences on "Validating the differential expression of IGF2BP3 RNA targets in HGSC mesenchymal phenotypes " under the guidance of Dr. Sharmila A Bapat, Scientist 'G', National Centre for Cell Science (NCCS), Pune from November 2023 to December 2023.
4. Navya S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled "Tardigrades, cultures and assays" under Dr. Sandeep M Eshwarappa, IISc., Bangalore.
5. Sampreethi Aradhya V.R., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled Mechanism of muscle wasting in metabolic diseases" under the guidance of Dr T.R. Ramaprasad, principal scientist, CSIR-CFTRI, Mysore from 11 October 2023 to December 2023.

6. Yuvashree K., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled "Protein profiling of millets using UHPLC-MS/MS" under the guidance of Dr. B.S. Ganesh Kumar, CSIR-CFTRI, Mysore from October 2023 to December 2023.
7. Preethi K., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled "Elucidation of major sequences of the phenylpropanoid pathway gene associated with vanillin flavour production in tubers of Asclepiadaceae plants" under the guidance of Dr. Giridhar P. , CSIR-CFTRI, Mysore from November 2023 to January 2024.
8. Yashwanth M. 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled Nanofibre Periodontal patch using snail mucus" under the guidance of Dr. Asha Srinivasan, JSS academy of Higher Education and Research, Mysore from October 2023 to December 2023
9. Revanth Gowda S. R. 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project entitled "Reproductive plasticity in response to different social environments in Drosophila melanogaster" under the guidance of Dr Sheeba Basu, JNCASR, Bangalore from May 2023 to July 2023.

- g. Steps to promote innate talents in sports, performing arts, cultural activities and leadership
 ಕ್ರೀಡೆಗಳಲ್ಲಿ ಪ್ರದರ್ಶನ ಕಲೆಗಳಲ್ಲಿ, ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆ ಮತ್ತು ಮುಂದಾಳತ್ವದಲ್ಲಿ, ಸಹಜ ಪ್ರತಿಭೆಗಳನ್ನು ಉತ್ತೇಜಿಸಲು ತೆಗೆದುಕೊಂಡಿರುವ ಕ್ರಮ.

Talent search programs are arranged by the college and students participate and Chethan DC, Siri Gowri of Molecular biology department got selected and they participated in various competitions representing the college at regional and national levels.

- h. Student magazine/journal
 ವಿದ್ಯಾರ್ಥಿ ಪತ್ರಿಕೆ ಮತ್ತು ನಿಯತಕಾಲಿಕೆ.

Science Forum and Department of Molecular Biology have brought out Chintana Manthana – a Student Science Magazine

- i. Scholarships/Fellowships to SC/ST/OBC/others sanctioned and disbursed
 ಪರಿಶಿಷ್ಟಜಾತಿ / ಪರಿಶಿಷ್ಟ ಪಂಗಡ / ಇತರೆ ಹಿಂದುಳಿದ ವರ್ಗ / ಇತರರಿಗೆ ವಿದ್ಯಾರ್ಥಿ ವೇತನ / ಶಿಷ್ಯವೇತನ ಮಂಜೂರು ಮಾಡಿರುವುದು ಮತ್ತು ವಿತರಣೆ ಮಾಡಿರುವುದು.

Our college has been granting fellowships to the research scholars of SC-ST and OBC categories in order to encourage and promote quality research in the University. This has helped the research scholars immensely both in financial and academic terms.

- j. Student exchange programmes
 ವಿದ್ಯಾರ್ಥಿ ವಿನಿಮಯ ಕಾರ್ಯಕ್ರಮಗಳು

k. Entrepreneurship/Incubation Cell
ಉದ್ಯಮಶೀಲತೆ/ಹೊಮ್ಮಿಸುವ (Incubation) ಕೋಶ.

l. Database of best practices of student support services of other state/national Universities for contextual implementation in the University and its colleges.
ವಿಶ್ವವಿದ್ಯಾನಿಲಯದಲ್ಲಿ ಮತ್ತು ಅದರ ಕಾಲೇಜುಗಳಲ್ಲಿ, ವಿದ್ಯಾರ್ಥಿ ಬೆಂಬಲದ ಸೇವೆಗಳ, ಇತರೆ ರಾಜ್ಯ/ರಾಷ್ಟ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳ ಅತ್ಯುತ್ತಮ ಆಚರಣೆಗಳ ಸಂದರ್ಭೋಚಿತ ಅನುಷ್ಠಾನದ ಡಾಟಾ ಬೇಸ್.

m. Measures to maintain discipline and peaceful/academic ambience in the campus
ಶಾಲೆಯ ಆವರಣದಲ್ಲಿ ಶಿಸ್ತು ಮತ್ತು ಶಾಂತಿಯುತ /ಶೈಕ್ಷಣಿಕ ವಾತಾವರಣದ ಪಾಲನೆಗೆ ತೆಗೆದುಕೊಂಡ ಕ್ರಮ.

Our college has disciplinary committee to monitor and promote discipline and peaceful academic ambience in the campus.

8. Student participation

ವಿದ್ಯಾರ್ಥಿಗಳ ಭಾಗವಹಿಸುವಿಕೆ :

a. Outstanding achievements in academics, Sports and cultural fields

ಶೈಕ್ಷಣಿಕ, ಕ್ರೀಡೆ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ವಲಯದಲ್ಲಿ ಅತ್ಯುತ್ತಮ ಸಾಧನೆ

Students are actively involved in NSS, Cricket and Karate

b. Measures to inculcate leadership and entrepreneurship qualities among students
ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಮುಂದಾಳತ್ವ ಮತ್ತು ಉದ್ಯಮಶೀಲತೆ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ತೆಗೆದುಕೊಂಡ ಕ್ರಮ.

Students are encouraged to participate in fests organized by various institutions to inculcate the qualities of leadership among them

9. Promotion of research culture:

ಸಂಶೋಧನಾ ಸಂಸ್ಕೃತಿಯ ಪದೋನ್ನತಿ

a. Recognition and awards to performers

ಸಾಧಕರನ್ನು ಗುರುತಿಸುವುದು ಮತ್ತು ಪ್ರಶಸ್ತಿಗಳು

Capable students are recognized with research capabilities and are promoted to apply for projects and internships and this resulted in the selection of three students to summer internships with fellowships whose names are given below. Six more students of the Molecular Biology department are selected without fellowship in reputed research institutes during 2023-2024 year.

1. Ms. Ananya M. S., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology
3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by JNCASR, Bangalore on "Crop contractions are essential for emesis in *Drosophila melanogaster* and cold anesthetization affects the emetic behavior" under Dr Gaurav Das, NCCS, Pune from June 2023 to august

2023 with Rs 30,000/- scholarship from JNCASR, Bangalore

2. Ms. Srinandini K. R. ., 3rd Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by JNCASR, Bangalore on "Rationality in shoaling decision making in group of two zebra fish" under the guidance of Dr Bittu Kaveri Rajaramana, Ashoka University, Haryana from June 2023 to August 2023 with Rs 30,000/- scholarship from JNCASR, Bangalore.

3. Ms. R. Maheshwari, 4th Year student of Five Year Integrated M.Sc. Molecular Biology worked on a Summer Research Project offered by Indian Academy of Sciences on "Validating the differential expression of IGF2BP3 RNA targets in HGSC mesenchymal phenotypes " under the guidance of Dr. Sharmila A Bapat, Scientist 'G', National Centre for Cell Science (NCCS), Pune from November 2023 to December 2023 with Rs 25,000/- scholarship from Indian academy of sciences.

b. Students who perform well are recognized and cash prizes are instituted to them in each.

DECLARATION

CERTIFIED THAT THE ABOVE INFORMATION HAS BEEN VERIFIED AND FOUND TO BE CORRECT.

DATE: 21/4/25

Signature of the Chairman/Chairperson with seal

Principal
Yuvaraja's College (Autonomous)
University of Mysore
MYSORE-570 005

(ಸೂಚನೆ: ನಮೂನೆಯ ಸಾಪ್ತಾಹಿಕವನ್ನು ಅಧ್ಯಯನ ವಿಭಾಗ ಅಥವಾ ಅಧ್ಯಕ್ಷರ Mail ID ಗೆ ಕಳುಹಿಸಲಾಗಿದ್ದು, ನಮೂನೆಯನ್ನು ಭರ್ತಿಮಾಡಿ ಹಾರ್ಡ್‌ಕಾಪಿ ಮತ್ತು ಸಾಪ್ತಾಹಿಕ(ಸಿಡಿ)ಯಲ್ಲಿ ತುರ್ತಾಗಿ ಕಳುಹಿಸಲು ಕೋರಿದೆ.)